CATALOG **CRL93A**

BIG RED



93A

ARCHITECTURAL HARDWARE

Frameless Shower Door Hardware | Architectural and Commercial Hardware

Architectural Railings | U.S. Aluminum Doors and Entrance Systems

Storefronts | Curtain Walls | Windows | Office Partitions

The Gateway to crlaurence.com

The Original Web Catalog Designed to Work Directly With Our Website

CRL®

US ALUMINUM

crlaurence.com

Serving the Glass Industry for Over 130 Years



Lloyd W. Talbert
President

We Dedicate This Catalog to Design and Construction Professionals Who Are Advancing the Built Environment

For more than 130 years, C.R. Laurence Company has been committed to the architectural and construction industries. Today–more than ever before–we are aware that this commitment requires more than producing high quality products and supplies. It calls for a strong attention to innovation, partnership, and service that has enabled us to cultivate a loyal, rapidly growing customer base.

We would like to say Thank You to those that specify, purchase, and install CRL products. Your continued confidence in the C.R. Laurence family of brands has allowed us to evolve from a single-location glazing supplier, into a leading global manufacturer of architectural building products. Because of your trust and business we remain at the forefront of product innovation, and are committed to expanding our capabilities to meet ever-evolving customer needs and industry demands.

At CRL, we partner directly with project teams at all phases of the construction process to provide unmatched service and support. Despite having an international footprint, we employ a strategic network of manufacturing facilities, distribution centers, and regional technical sales support to provide localized, project-specific solutions for a multitude of application challenges. Our number-one priority is to produce state-of-the-art products delivered on time, and provide comprehensive project support that creates efficiencies that translate into tangible value for your projects and clients.

This year we are celebrating the 25th anniversary of our inaugural CRL93 “Big Red” Catalog, which has been a major staple in virtually every glass shop in the United States since 1990. In honor of this special occasion we have completely rebuilt and expanded the original CRL93 Sourcebook into an all-new two-catalog set that perfectly aligns with our web site, **crlaurence.com**, and features new enhancements that provide a seamless customer experience. This catalog is an important milestone for us, and we are proud to share it with you.

Again, thank you for your loyalty and business. Let’s keep building together.

THE LEADING MANUFACTURER AND SUPPLIER OF ARCHITECTURAL PRODUCTS



C.R. Laurence Co., Inc.
Manufacturing Headquarters
Los Angeles, CA

CRL Architectural Systems:

1. **Stainless Steel Awning Support System** (Pages CH292-CH293)
2. **U.S. Aluminum OS-2 Offset Glazing Window Wall System** (Pages US100-US104)
3. **100 Series Standard Wet Seal Canopy System/Soffit/Ceiling Panels (Cladding)** (Page CH290)
4. **Premium Series Formed Stainless Steel Monumental Balanced Doors** (Page US047)
5. **Blumcraft® BP100 Series Panic Handles for Balanced Doors** (Page US049)
6. **Prosteel Stainless Steel Storefront System** (Page CH289)
7. **Custom P-Series Stainless Steel Post Railing System** (Pages HR093-HR098)
8. **Custom LED Stainless Steel Architectural Bollard**

Your Trusted Business Partner

C.R. Laurence is the leading single source manufacturer and supplier of architectural glass and metal systems. Spanning residential and commercial project types, interior and exterior applications, and numerous CSI divisions; our comprehensive product portfolio has the ability to provide innovative solutions for diverse construction projects. No other manufacturer offers the selection of architectural building products that CRL offers.

Our products are carefully designed, engineered, and manufactured to satisfy the aesthetic value, structural integrity, performance requirements, and economic concerns of today's most demanding projects. All glazing systems are tested to the highest industry standards.

Every system sold by CRL is backed by a team of product experts to support you and your project from start to finish. We're here to help you succeed and gain business by providing valuable technical information, product selection, installation tips, and complete project support. In doing so we enable you to take on new types of projects to increase your company's competitiveness. We thrive when you thrive.

As an industry leader for over 130 years, C.R. Laurence has built a solid reputation based on quality innovative products, installer-friendly systems, and complete project support. That wealth of experience, coupled with the largest selection of architectural glazing systems, provides absolute peace of mind for those who specify, install, operate, or occupy.

Build on our experience.

COMPLETE SINGLE SOURCE

PROJECT SOLUTIONS



Colours by Battistella Condominiums
Calgary, Alberta, Canada
Architect: GEC Architecture

Single Source Accountability

CRL offers single source accountability in allowing architects and contractors to source architectural systems, standard and custom hardware, installation tools and supplies, and complementary systems to accommodate multiple project scopes from a single, reputable manufacturer and supplier.

CRL Architectural Brands:

Architectural Aluminum Systems

Commercial Aluminum Framed Entrances, Storefronts, Curtain Walls, Windows, Window Walls, High Performance Thermal Systems, Hurricane Resistant Systems, and Blast Mitigation Systems.

Commercial Hardware

'All Glass' Entrances and Storefronts, Glass Door and Sidelite Rails, Panic Exit Devices, Door Controls, Stacking and Sliding Doors, Structural Glass Fittings and Standoffs, Locking Ladder Pulls, Monumental and Balanced Doors.

Architectural Railing and Metals

Glass Railing Systems, Aluminum Railing Systems, Stainless Steel Post Railing Systems, Windscreens, Spider Fittings, Perforated Panels, Cladding, Column Covers, Sunshades and Awnings.

Frameless Shower Hardware

Hinges, Clamps, Knobs, Pulls, Towel/Grab Bars, Headers, U-Channel, Sliding Shower Enclosures, Restroom Partitions, Vanity and Wardrobe Mirrors, Mirror Frames and Channels.

Transaction and Hospitality Hardware

Bullet Resistant Exchange Windows and Barriers, Drive-Thru and Walk-Up Windows, Speak-Thru Devices, Food Service Sneeze Guards, Partition Posts, Deal Trays, and Package Transfer Systems.

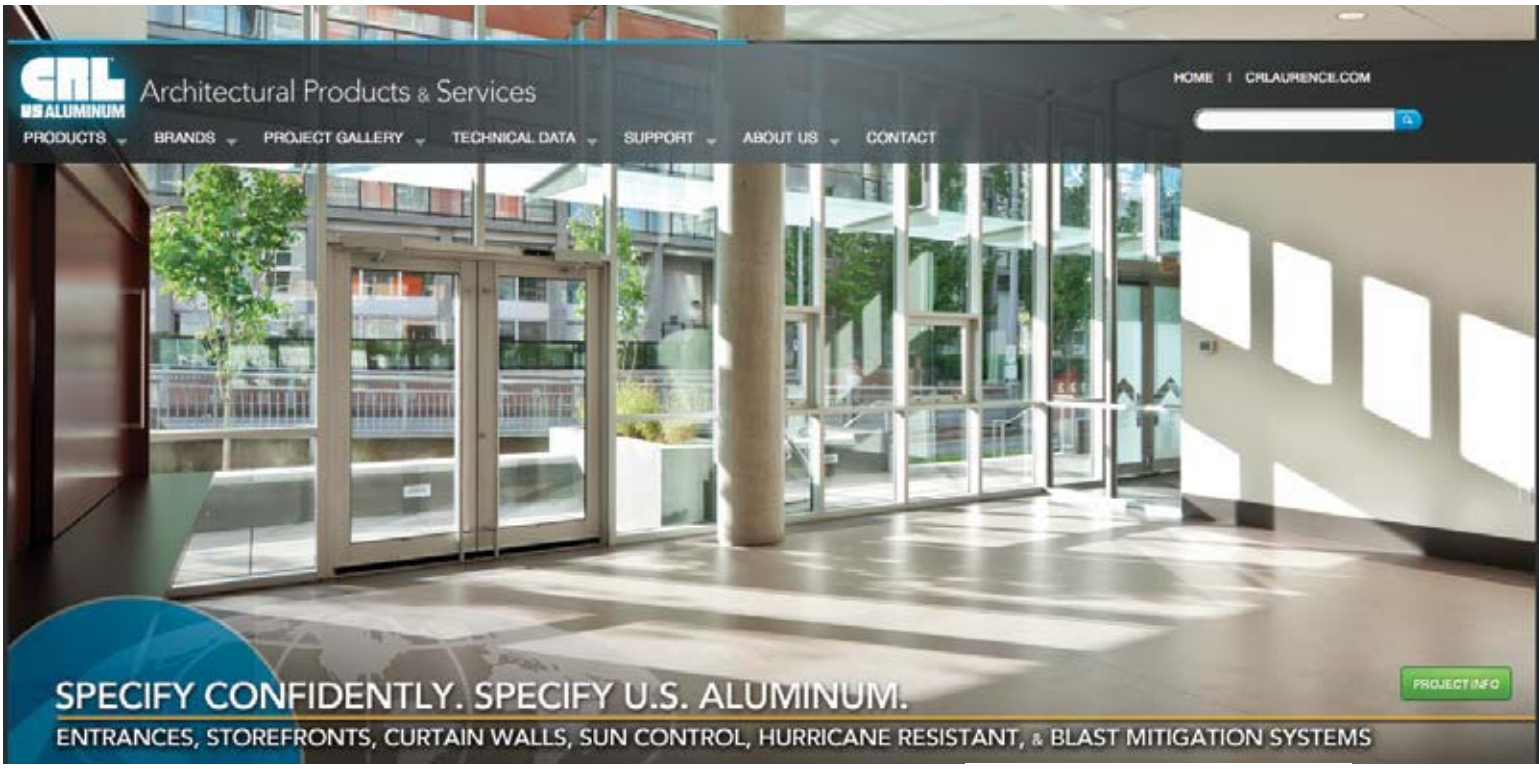
Interior Office Partition Systems

Framed Aluminum Office Partitions, Frameless Glass Wall Office Systems, Movable Walls, Wood Doors, Fire Rated Systems, Door Pulls, Handles, Center Locks, Sliding and Pivoting Door Configurations, and Area Divider Systems.

Certified Quality

After comprehensive in-house testing, CRL architectural systems are tested by certified independent research labs to the highest industry standards in accordance with applicable NFRC, AAMA, ASTM, ANSI/BHMA and UL criteria.

CRLAURENCE.COM
THE ONLINE RESOURCE FOR CRL ARCHITECTURAL PRODUCTS







Introducing Crlaurence.com

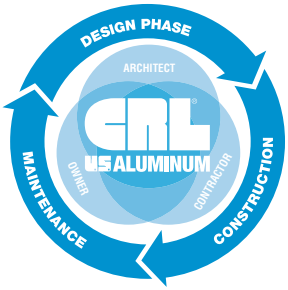
CRL is your portal to C.R. Laurence Company Architectural Products and Services. **Crlaurence.com** is the online reference for CRL Architectural Systems including U.S. Aluminum, Blumcraft, Jackson, and CRL Security Screen™. **Crlaurence.com** is a valuable reference tool designed with the architect, engineer, and specifier in mind. Here you will find easy access to CAD drawings, CSI format specifications, engineering reports, LEED® statements, project galleries, architectural case studies, and our extensive library of catalogs.

Designed to assist architects in researching and specifying products, the web site offers improved navigation by organizing products by system types, CSI division, and brand.

CRL Goes BIM

We've expanded and enhanced our design tools by launching a new initiative to make BIM (Building Information Modeling) models of our systems available to the design and construction community. This model-based process helps project teams plan, design, construct, and manage better buildings.

ARCHITECTURAL SERVICES
COMPLETE PROJECT SUPPORT FROM CONCEPT TO COMPLETION



BUILDING LIFE CYCLE: CRL Support Throughout the Entire Process

C.R. Laurence's manufacturing, logistics, and rapid customization capabilities, along with standard inventory, make CRL the fastest and most adaptable resource in the industry. CSI-certified CDT's compound this by providing valuable knowedge and expertise in project delivery and management to ensure smooth design, construction, and maintenance phases for architectural projects.







DESIGN PHASE

CRL's architectural support and outside sales teams can assist customers with specifications, details, and technical support. Shop drawings and personalized engineering services are also available from CRL's certified technical sales teams.

CONSTRUCTION

Efficient manufacturing methods, logistics, and rapid customization options, paired with an extensive inventory of architectural products and systems, ensure customers' needs are met in a timely manner.

MAINTENANCE

Worldwide service centers, with access to tens of thousands of products, make CRL the trusted go-to for facilities maintenance teams. CRL manufactures its own library of architectural hardware, glass and glazing tools, and cleaning supplies, and carries a vast selection of key products from other major manufacturers.

CDT Certification

We aim to facilitate project efficiency and proficient communication by providing project stakeholders with comprehensive support from highly trained and certified personnel. Our technical and outside sales specialists and project managers have received the Construction Specifications Institute's distinguished Construction Documents Technologist (CDT) Certification. This training and certification has expanded CRL employee's knowledge of the construction project delivery process, allowing them to better serve the architectural and glazing industry with improved support, communication, and efficiency throughout entire project timelines.

AIA Continuing Education Approved Provider

CRL has partnered with the American Institute of Architects (AIA) to bring new continuing education courses to architects nationwide. We maintain a steadfast commitment to the design professional, and are leveraging the product expertise of our team to address key performance criteria and design considerations, ensuring architects remain current on the industry's constantly evolving standards and best practices.



Architectural Business Development

Our dedicated Architectural Business Development Department works directly with architects, specifiers, and designers to create solutions specific to their needs.

- **Product Information**
- **Catalog and Sample Requests**
- **LEED® Statement Information**
- **Engineering and Technical Support**

CRL MANUFACTURING
MAKING QUALITY PRODUCTS FOR DECADES



- **Advanced R&D, Rapid Customization, and Prototyping**
- **In-house Testing Laboratories**
- **User of Progressive ISO9001:2008 Manufacturing Processes**

Top Metal Company



For three years in a row, CRL-U.S. Aluminum has been recognized as the leading manufacturer and supplier of metal glazing products in the United States and Canada. We attribute our leadership position to an unwavering commitment to designing, engineering, and manufacturing quality products while delivering exceptional customer service and project support.



C.R. Laurence Manufacturing Headquarters - Los Angeles, CA

In an era of offshore manufacturing and increased foreign competition, C.R. Laurence commits itself to producing top quality, American-made products. As a vertically integrated company with process control over everything from engineering to extrusions, fabrication to finishing, we have the experience and capability to produce high quality products on time at a competitive price. Thousands of best-in-class products are made in the United States in our ISO 9001:2008 certified manufacturing facilities, where fine craftsmanship meets state of the art technology. Our innovative systems are the product of an ongoing commitment to supporting American jobs and providing the finest architectural glazing systems on the market. To complement our robust U.S. capabilities and to better serve industries across the globe, we've expanded our manufacturing presence to an international capacity with plants located in Canada and Australia.

CRL MANUFACTURING
ADVANCED ENGINEERING AND TECHNOLOGY









Rapid Customization Program for Short Lead Times
The goal of CRL's Rapid Customization Program is to achieve the shortest possible lead time on all CRL Manufactured Products, from sketch to quote to fabrication to delivery. This is done several ways, and an important factor is keeping the entire process "in-house". Allowing CRL Manufacturing to control such processes as drafting, modeling, raw material procurement, cutting optimization, high-speed fabrication, finishing, powder coating, batch painting, packaging, and shipping makes for efficient and speedy delivery of products to you.

CRL is ISO9001:2008 Certified
It all starts with ISO9001:2008 certification. We produce thousands of the items we supply in our ISO9001:2008 Certified manufacturing facilities. Our adherence to the strictest of standards reflects the commitment of our employees to provide the highest quality products.

State-of-the-Art Processes and Equipment
Industry requirements and customer needs are evolving. We recognize the need to remain current and have made substantial investments in our manufacturing capacity to keep pace. Our manufacturing facilities house the latest equipment and processes to deliver quality products with precision and efficiency every time. Our advanced capabilities include: precision waterjet and laser cutting systems, robotic arc welding automation, CNC routing, roll forming, and an automated powder coat line.

Innovative Technologies
CRL's highly trained staff uses the latest programs including Auto CAD and ANSYS Workbench to provide the best designs to send to our manufacturing plant. CRL is capable of rendering advanced 3D modeling using Autodesk's Inventor® program, along with the expanded Revit® capabilities that are now in production. Additionally, our manufacturing headquarters now supports modern 3D printing capabilities to produce ABS or PLA models to design and precision-engineer product solutions for various project applications.

Drafting and Engineering Services
C.R. Laurence's Drafting Division can produce material takeoffs and complete shop drawings that are submittal-ready. They can also produce fabrication drawings for applications for custom products and modified applications of standard systems. From napkin sketches to fully realized concepts, C.R. Laurence can build it. CRL's dedicated Engineering Department works with you to review designs and job plans to address feasibility, safety concerns, and possible alternate solutions.

Award Winning, Certified Designs and Products
Just because we say our products are all top quality doesn't make it so. However, when those recognized as setting the standards for quality say we make the best, then that really means something. We've got the credentials to back that claim.

Inventor and Revit are registered trademarks of Autodesk, Inc.

ARCHITECTURAL RECORD
PRODUCT REPORTS 2011

CRL-U.S. ALUMINUM

The Leading Manufacturer of Architectural Aluminum Systems

ENTRANCES • STOREFRONTS • CURTAIN WALLS • WINDOWS • WINDOW WALLS
HURRICANE RESISTANT SYSTEMS • BLAST MITIGATION • SUN CONTROL • OFFICE PARTITIONS

United States Aluminum has been a fixture in the commercial glazing industry for over five decades, and has been the source for many of the most innovative and now well-known glazing systems specified by architects. Under the early leadership of Cornelius C. Vanderstar, the company was the first in the industry to manufacture Flush Front Glazing Systems, Patented Storefront Flashing Subsills, Curtain Wall Systems that eliminate standard pressure bars, and the first to offer a complete, thoroughly tested Blast Mitigation System. This experience in this field, coupled with the global network of C.R. Laurence distribution facilities and unparalleled customer service, makes this union one that should serve the needs of your business well.

A New Era: CRL-U.S. Aluminum

Now renamed simply U.S. Aluminum in its new partnership with C.R. Laurence, the company continues to make available the architectural systems that have made them a leader in the industry for so long. These systems' reputation for quality benefits not only those who specify and install them, but also the occupants of the buildings into which they have been installed. CRL is continuing to strengthen and invest in the already robust CRL-U.S. Aluminum brand by bolstering key operational growth initiatives.

Improved Service

We continue to grow U.S. Aluminum's North American footprint by systematically redeveloping and expanding key service centers into comprehensive CRL-U.S. Aluminum Super Centers. This has enabled us to bring the U.S. Aluminum product line to new regions and provide shorter lead times with localized fabrication and project support. We've also made significant personnel investments in our technical sales, quoting, and project management departments to vastly improve customer service.

Increased Capacity

U.S. Aluminum's Texas manufacturing headquarters has undergone a massive expansion, essentially doubling the square footage of the existing building to over 355,000 sq. ft. The new capacity facilitates overall production, distribution, and logistics, leading to a significant increase in stock inventories, shorter lead times, and improved customer and technical support.

New Product Innovations

In addition to offering the proven systems that our customers have come to trust, CRL and U.S. Aluminum engineers have teamed up to leverage their combined industry experience to forge a new path of innovation. CRL-U.S. Aluminum continues to launch innovative new systems, refine and improve standard features, and provide custom engineered product solutions.



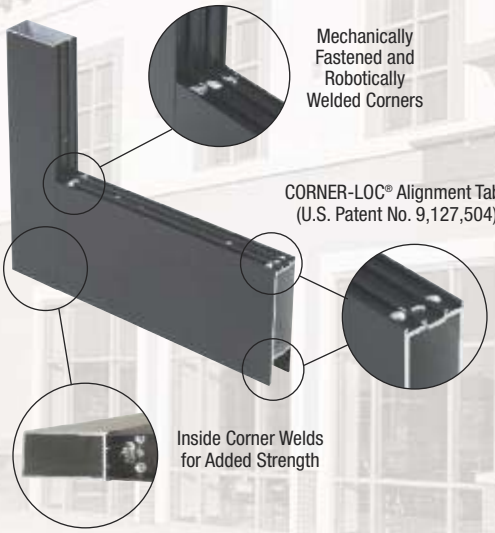
New CRL-U.S. Aluminum Manufacturing Headquarters in Waxahachie, Texas

CRL-U.S. ALUMINUM

The New Standard in Commercial Entrances

Designed to appeal and engineered to perform, CRL-U.S. Aluminum Entrance Doors set the standard for commercial entrances. Our systems are consistently built to the highest industry standards, ensuring years of reliable service.

What You Can Expect in Every CRL-U.S. Aluminum Entrance:





Faster Delivery

- Others claim shorter lead times, we opted to remove them altogether.
- Standard size Doors and Frames are in stock, ready to pick up or ship.

Easier Installation

- **Adjustable Leveling Screw:** The top rail of every door has an adjustable leveling screw to compensate for minor variances in door openings after installation.
- **Preset Glass Setting Blocks:** Eliminates any confusion regarding proper placement of setting blocks.

Complete Project Solutions

- Complete your opening with stock inventories of matching Frames, Storefronts, Curtain Walls, and thermally broken options, creating cohesive, performance-driven building fronts.

Better Performance

- **CORNER-LOC®:** U.S. Patent 9,127,504, corner construction technology features precision alignment tabs, a robust mechanical fastening system, and robotically applied welds; yielding the most durable door assembly on the market.
- **Warranty:** Limited lifetime on corner construction.
- **Adjustable Astragal:** All pairs of doors come with spring-loaded fully adjustable dual weather-resisting astragals for optimum air resistance.

The Only Seal of Approval that Matters



The CRL-U.S. Aluminum tag found on our commercial entrance doors is our seal of approval. It means that the door you are looking at has been designed, engineered, fabricated, and tested to meet the strictest quality standards in the industry; our own.



Project: Lynn Valley Main Library and Town Centre. Vancouver, British Columbia.
Systems: CRL-U.S. Aluminum Series 3150 Curtain Wall System, Series IT451 Thermal Storefront System, Series 650-T High Performance Thermal Doors, and Series 7200 Windows.

C.R. LAURENCE CO. INC.
FAMILY OF BRANDS

U.S. ALUMINUM

BLUMCRAFT
A DIVISION OF C.R. LAURENCE CO., INC.

jackson CRL
crlaurence.com

COLUMBIA MANUFACTURING CORP.
crlaurence.com

CRL GLASS MACHINERY AND SUPPLIES
FORMERLY Summers & Mach
crlaurence.com



CRL Blumcraft

As a distinguished mainstay in the architectural metal and glass industry, Blumcraft is a celebrated brand that has been designing, engineering, and manufacturing iconic products for over a century. With excellent craftsmanship put into every design, Blumcraft's tempered glass doors, panic hardware, hand rails, and display doors are often a first choice for architects, contractors, and glaziers, and have been installed in hundreds of high-profile building environments.

To learn more about this CRL brand, visit **crlaurence.com/blumcraft**.



CRL Jackson

For over 50 years, Jackson has been a premier manufacturer of door hardware for the aluminum and tempered glass door industry, with its iconic, patented Transom Closer debuting over 35 years ago. Since Jackson introduced its innovative panic exit hardware, it has been universally recognized as the standard in the aluminum storefront market.

Jackson continues to develop inventive products and technologies that effectively build on the brand's history of providing reliable, high quality systems with performance-driven features.

To learn more about this CRL brand, visit **crlaurence.com/jackson**.

C.R. LAURENCE CO. INC.
FAMILY OF BRANDS

Through strategic acquisitions we have invested in trusted brands to bring our own precision engineering and high quality standards to the industry at large. We have injected our signature core elements of providing unmatched technical support, short lead times, and installer-friendly products into key industry brands that we have essentially taken to the next level. C.R. Laurence is not a private equity company. We pride ourselves on making long term investments in sound technologies and products, but more importantly, in people that add value to our industry, company, and customers.



CRL Columbia Manufacturing

Columbia Manufacturing Corp. is a well respected name with over 50 years of experience in the screen products industry. We are now operating Columbia through a new entity that is wholly owned by C.R. Laurence Co., Inc.

We've made investments and enhancements in the operation to increase capacity, improve the service level, and upgrade quality, design, and product assortment. To learn more about this CRL brand, visit **columbiamfg.com** or **crlaurence.com.**



CRL Sommer and Maca

Trusted industry brand Sommer & Maca, now CRL's Machinery Division, combines the historic company's machinery manufacturing expertise with CRL's robust technical capabilities, and worldwide sales and distribution network. CRL Machinery provides architectural glass and glazing professionals with innovative solutions that solve common production and manufacturing issues.

With a large selection of machine equipment and tools, CRL Machinery is invested in providing reliable manufacturing and glass fabrication equipment that meets and exceeds quality standards and reliability expectations.

To learn more about this CRL brand, visit **crlaurence.com/somaca**.

THE GATEWAY TO
crlaurence.com

You are holding the CRL93A "Big Red" Catalog. Much like its predecessor and the iterations of Master Catalogs before it; it is an industry first. It has been designed to work hand-in-hand with **crlaurence.com**. Our web site is the essential counterpart to this book, and the following pages will show you exactly how to use the two together.



Find Exactly What You Want, Faster Than Ever. crlaurence.com Has the Information You Need:

- **Complete Online Catalog Library**
- **Product Information and Pricing**
- **Additional Sizes, Finishes, Models, and Configurations**
- **Spec Sheets, Safety, and Technical Documents**
- **Shipping and Freight Limitations**
- **Installation Instructions**
- **Drawings, Details, and Specifications**
- **Related Products and Hardware**

Three Easy Ways to Find Products Online

1 Product Number

Throughout the book you'll find product numbers next to products and in product charts (appears as "CAT. NO."). Enter this number into the **crlaurence.com** search box and click "**Search**" for instant access to complete product info, pricing, availability, additional finishes/sizes, details, and related items.



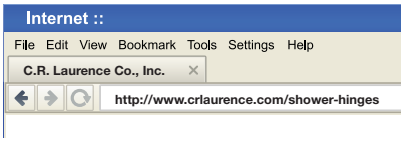
go to:
crlaurence.com/**shower-hinges**

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
GEN037CH	GEN537CH	Polished Chrome
GEN037BN	GEN537BN	Brushed Nickel
GEN037PN	GEN537PN	Polished Ni

go to crlaurence.com to search for
shower-hinges Search
or enter the Catalog Number for complete product information

2 Shortcuts

The top right of each catalog page has a shortcut URL (web address) that relates to the products on the catalog page you're looking at. Simply type the string of text into your web browser's address bar and you'll jump to that specific expanded product offering on **crlaurence.com**.



Every shortcut URL featured in this book is available in an easy-to-navigate alphabetical online directory. Visit **crlaurence.com/shortcuts**.

3 Keyword Search

The bottom left of each page lists unique search keywords to provide quick navigation once you're already at **crlaurence.com**. Type the keyword(s) into the **crlaurence.com** search box and click "**Search**" to be presented with a complete selection of products related to the catalog page you're on.



Tip: Be sure to enter the text exactly as it appears on the page (including any hyphens).

YOUR ONLINE TOOL KIT
crlaurence.com



Online User's Guide

Our Online User's Guide is the ultimate **crlaurence.com** reference guide. It provides clear step-by-step instructions, showing you how to do just about everything on **crlaurence.com**. This guide provides the 'How To' answers to all of the important features, making it more convenient to shop at **crlaurence.com**:

- **Register/ Sign In**
- **Account Settings**
- **Check Stock and Prices**
- **Placing, Reviewing, and Revising Orders**
- **How to Contact Us and Request Information**
- **Search and Navigation**

View online or request your copy at: **crlaurence.com/users-guide**



Product Numbers: The "Key" to crlaurence.com

The absolute fastest and most accurate method of finding and reordering products on **crlaurence.com** is by entering the Product Number (appears as "**CAT. NO.**") into the search box. We have gone to great lengths in developing a numerical indexing system for our tens of thousands of products. Every box, carton, tube, package, tub, and bag of CRL product is labeled with an easy-to-find product number. Product Numbers remain the surest way to find exactly what you're looking for. Every time.

Enter the Product Number on crlaurence.com, and Get Instant Access to:

- **Stock Availability**
- **Product Prices**
- **View Other Finishes and Sizes**
- **Installation Instructions**
- **Spec Sheets, Drawings, and Technical Documents**
- **Shipping and Freight Limitations**

Bookmarks

The easiest way to keep **crlaurence.com** quickly accessible; bookmarks are saved links to web sites that make it easy to return to and keep track of your favorite pages online. Follow these quick steps:

1. Open your internet browser, and go to **crlaurence.com**
2. On your browser (will vary based on operating system and preferences):
   - **Internet Explorer, Firefox, and Chrome:** Click the **"star"** button next to the address bar and **"add bookmark / favorite"**
   - **Safari:** Click the **"+"** button next to the address bar and select **"Add this page to Bookmarks bar"**
   - **Alternate Keyboard Shortcut:** On any browser, simply press **Ctrl+D** (Mac: ⌘-**D**)
3. Quickly access **crlaurence.com** anytime you're online by clicking on the CRL logo in your bookmarks.



Project: Blue Ridge Community College Student Recreation Center. Weyers Cave, Virginia.
Systems: CRL-U.S. Aluminum Series HP3253 High Performance Triple Glaze Curtain Wall System and Series 850 Durafront Entrance Doors.

WELCOME TO THE NEW
crlaurence.com

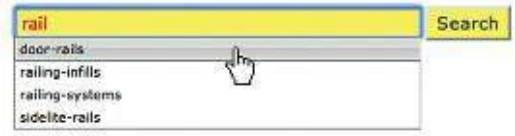
Connecting the World to Everything Glass

Work with glass? Work with CRL. Find the systems, services, and supplies that comprise the glazing industry's diverse segments; from automotive to industrial, and virtually any application in the built environment. **Crlaurence.com** gives you complete and instant access to the tools and systems your project requires. Tens of thousands of quality products and helpful information are just clicks away, at any time, and at your convenience. Our "self-service" web site is the most comprehensive and current information source we can offer, and remains the best way to shop at CRL. You can check prices, review stock levels, and get the most complete and up-to-date details on the products and services we offer. What you will find at **crlaurence.com** is a link to who we are, what we do, and what we have to offer the industry.

Save Time Searching With New CRL Search Suggest

We realize that the largest selection of products is only an asset if you can find exactly what you need. Enter CRL Search Suggest. As you start typing in the **crlaurence.com** search box, you can find products quickly by seeing search predictions that are similar to the search terms you're typing. Start entering a keyword or part number, and CRL Search Suggest will show you a list of popular search terms and shortcut URLS.

For example, as you start to type **rail**, you will be presented with other common rail-related searches. When you click on one of the suggested searches you'll jump immediately to that product offer page.





New Products

C.R. Laurence is at the forefront of innovation, offering the newest products and technologies available. Each month we add new and improved products to our growing inventories across every brand. **Crlaurence.com** remains your best resource for the latest and up-to-date products, news, and information. See what's new at **crlaurence.com/new-products**.

CRL Mobile: Everything CRL in the Palm of Your Hand



- Search our vast product database
- Get your pricing
- Check stock availability
- Order with express checkout
- Find CRL service center locations
- Contact us

Visit **crlaurence.com** from your smart phone or scan the QR code for the total CRL experience on the move. This QR Code is readable by QR scanners and smartphones equipped with a QR Reader Application. Free QR smartphone apps are available in all app stores/markets.

CRL US ALUMINUM

Google play

QR Code

Save Time While On the Job, or On the Go

The easiest way to keep the CRL Mobile Site accessible is to add the CRL icon to your home screen.

While on the Mobile Site, tap (iOS) or (Android), then tap **"Add to Home Screen"**

ONLINE ESTIMATING SOFTWARE
START SAVING TIME AND MONEY

Web-Based Design, Estimating, Quoting, and Ordering Programs

Giving You the Advanced Tools for Your Evolving Business Needs

Join the growing number of designers and installers that are using CRL Online Design, Estimating, and Ordering Programs to save time and money!

- **Can Now be Used on the Job Site Using Your Mobile Device**
- **Produces a Complete Quote Package Instantly**
- **Program Runs on CRL Web Servers**
- **Produces a Full Color 3D Rendering and Dimensioned Plan View for Field Installation**
- **Allows You to Order Material Directly From the Program**
- **Determines All Material Quantities Needed for Each Project**
- **Generates Quotes / Orders in Minutes**
- **Produces All of the Glass Sizes Needed for Your Job**



SHOWERS online by CRL

STOREFRONTS online by CRL

OFFICE PARTITIONS online by CRL

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Project: Evansville Vanderburgh Public Library. Evansville, IN.
Systems: CRL-U.S. Aluminum Flush Front™ Series FT451 Storefront System with Series 850 Durafront Entrance Doors.

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CRL attends many events spanning all of our industries across the globe. Visit our Trade Show Calendar to see the upcoming shows in your area where you can see and feel the quality of our products first hand. Check back frequently as new shows are added regularly. Visit **crlaurence.com/tradeshows**



Project: Twin Peaks, Private Residence
Systems: CRL SRS Standoff Railing System with Crisp Corner Cap Rail.

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THE DEFINITIVE SOURCEBOOK SET



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CRL93G | Glass and Glazing

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Our most popular catalog ever has been revamped top to bottom and includes the latest top quality items that most any business can use for their day-to-day needs. The "Big Red" features the most in-demand products spanning our popular multi-volume Master Catalog Series, presented in two easy-to-use catalogs and organized for quick selection and ordering. Today, CRL proudly offers the industry tens of thousands of products spanning everything connected to the glazing and architectural industries. We searched for a way to make our entire catalog of products easily accessible and manageable; hence, the all-new CRL93 Series.

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CRL93A

- 23R FRAMELESS SHOWER DOOR AND MIRROR HARDWARE
- 63A ARCHITECTURAL HARDWARE
- 63R ARCHITECTURAL RAILING
- USAL14 THE STOREFRONT STORE
- USAL15 CURTAIN WALLS

CRL93G

- 03 SEALANTS, ADHESIVES, AND FASTENERS
- 43 AUTO GLASS TOOLS AND WINDOWS
- 53R GLASS AND GLAZING HARDWARE
- 73R TOOLS, MACHINERY, AND EQUIPMENT
- 83R DOOR AND WINDOW HARDWARE
- TH10 TRANSACTION AND SECURITY HARDWARE
- HS12 HOSPITALITY AND FOOD SERVICE

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The all-new CRL93 Series is absolutely your ultimate sourcebook for everything CRL, and perhaps more importantly, it is your complete guidebook to the wealth of information on **crlaurence.com**, where you can find the additional information, options, sizes, configurations, instructions, specifications, literature, finishes, photos, related products, and support your projects require.

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CRL93A Architectural Hardware



CRL93G Glass and Glazing



CRL03 Sealants, Adhesives, and Fasteners



CRL23R Frameless Shower Door Hardware



CRL43 Automotive Supplies and Windows



CRL53R Glass and Glazing



CRL63A Architectural Hardware



CRL63R Architectural Railing



CRL73R Tools, Machinery, and Equipment



CRL83R Door and Window Hardware



USAL14 U.S. Aluminum Storefronts and Entrances



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FS14
Sliding Shower Door System



ST14
Shower Installation Tools



CRL14D
Doors and Entrances



DC14
Door Controls



AH11
All Glass Entrances



BAL15
Balanced Doors



B2010
Blumcraft Doors, Panics



HW2010
Blumcraft Tubular Hardware



OP15
Office Partitions



GW0S16
Glass Wall Office Systems



SSB18
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HR11
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HRGWS1
Glass Wall and Pool Fencing



AM09
Architectural Metals



SC14
Sun Control Systems



TH10
Transaction and Security



HS12
Hospitality and Food Service



D2010
Blumcraft Displays



SC12
Standoffs and Clamps



GB10
Glass Bonding System



GM15
Insulating Glass Manual



GMB15
Glass Machinery



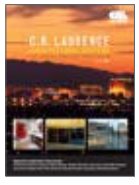
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Truck and Van Accents



UGLZ15
Unit-Glazed Systems



AVA15
Aviation Portfolio



LV14
Las Vegas Portfolio

Sweets Brochures



Frameless Shower Door



Glass Entrances and Storefronts



Glass Entrances and Storefronts



Sliding and Stacking Door Systems



Door Control Hardware and Accessories



Architectural Railing System



Architectural Metals



Exterior Sun Control Devices



Column Covers



Panel Systems



Structural Glass Curtain Wall Hardware



Pass-Thru and Service Windows



Bullet Resistant Transaction Hardware



Partition Posts and Sneeze Guards

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With Service Centers in key global markets, C.R. Laurence's centralized distribution network provides customers worldwide the quality products and services they need. Over the past few decades, CRL has grown from a single Los Angeles location to include Service Centers in the United States, Canada, Australia, the United Kingdom, Germany, and Denmark.



CRL's Canadian Headquarters in the Toronto, Ontario area



CRL-U.S. Aluminum New York Metropolitan Area Super Center and Showroom



CRL's Global Headquarters in the Los Angeles, California area



U.S. Aluminum Headquarters in the Waxahachie, Texas area

Local Stock Inventories, Short Lead Times, and Prompt Deliveries

Meeting customers' needs and providing shorter lead times has been a priority since day one. Architects and installers never have to compromise their design vision due to product lead times or inventory availability. CRL has done this by investing in its employees and streamlining operations and production methods through an ever-expanding network of Service Centers.

This innovative and effective network has made it easier for customers to access CRL products wherever they are. CRL and CRL-U.S. Aluminum Service Centers are strategically located in or near major metropolitan areas to serve customers in person. This allows for local product manufacturing and specialized technical support to regional customers.

As C.R. Laurence Company's global presence and influence continues to grow, so will the number of strategically positioned Service Centers, ultimately giving CRL customers everything they need faster and easier.

To find your local Service Center's contact information, driving directions, and hours of operation, visit **crlaurence.com/locations.**

GLOBAL DISTRIBUTION NETWORK

LOCALIZED PRODUCT AVAILABILITY AND STREAMLINED DISTRIBUTION TO MEET YOUR SCHEDULE



CRL's European Headquarters
in the Manchester, England area

Building a Network

Each of our Service Centers is connected to Corporate Headquarters through our computer system, which monitors and updates inventory levels with the arrival of each new delivery truck and the shipment of each customer order. Service Centers receive fresh inventory through our global Transfer System so stock levels can remain high. This improves the percentage of your orders we can ship complete, and usually on the same day we receive them.



CRL Brings the Best to You

Operating on three continents allows us to bring brands to you that you may not otherwise have local access to. Our purchasing agents select quality products from vendors across the globe, and because we have a global distribution network these products can be made available through any of our Service Centers.



CRL's European Stone Division
in the Manchester, England area



CRL's Australian Headquarters
in the Sydney, New South Wales area



CRL's Australian Manufacturing and Service Center
in the Melbourne, Victoria area



To find your local Service Center's contact information, driving directions, and hours of operation, visit **crlaurence.com/locations.**

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There's a Knowledgeable Friendly Voice Ready to Help With Your Product Inquiries

Our products speak for themselves, but sometimes there's just no substitute for the effectiveness and courtesy of speaking directly to another person. When you call our Customer Service Order Desk you'll find CRL staff who are polite, personable, and trained to provide assistance with CRL products and services. Order Desk hours are 6 am to 5 pm (Pacific Time) Monday through Friday, and 7 am to 12 pm Saturdays.

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First and foremost, congratulations on starting your new business! We are committed to providing the tools, supplies, and support to help your business grow. We offer special pricing programs to get your new company fully equipped and operational, and on the path to success. Additionally, CRL's Leasing Program provides an affordable solution to help add machinery or production line equipment to your business. We look forward to working together to foster a prosperous relationship in the industry.



CRL Technical Assistance

CRL Technical Sales Teams can help you choose the perfect system for any project. Your job can be made easier with the help of CRL Product Specialists who are trained in the newest hardware systems, and can offer design assistance, component selection and compatibility, product specification data, installation support, and detailed quotes to present to your client. We provide project support every step of the way.

See pages LIV - LVI for Technical Sales groups and contact information.



Business Tools

Private Labeling: Private labeling is available on many CRL products, and we can design distinctive packaging to make your products more attractive to retail customers. Our Advertising Division will work with you to design that special "look" that will help build and reinforce your company's brand.

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CRL FAST FACTS: CORE VALUES OF YOUR TRUSTED BUSINESS PARTNER

A Selection of Products, a History of Quality, and a Reputation for Customer Service That No Other Company Can Match

C.R. Laurence Co., Inc. (CRL) is the leading supplier to the glazing, screen, architectural, railing, construction, industrial, and automotive industries. Our mission is to continually develop and supply innovative products and solutions to the markets and industries we serve to enable our customers to provide competitive products and solutions to their customers.

Service

Exceptional customer service is the lifeblood of any business, and remains the essential component to our success and growth. We want your business dealings with CRL to be simple, clear, and convenient. The best way we can serve you is to have open communication, and capable people available to answer your questions, expedite your orders, suggest solutions to your project, or to assist you in any manner we can.

Leadership

In our history we have prospered as a company by leading the industry in product innovation, advanced manufacturing, and progressive business practices. As a longstanding member of the glazing and architectural communities it is our responsibility to actively participate as a thought leader; leveraging our years of experience and expertise in contributing to the advancement of our industry, colleagues, and peers.

Quality

Any product bearing the CRL mark carries with it a promise. Our name on a product means we stake our reputation on what you think of our product. When you purchase, specify, use, or install a CRL product, you can do so with complete confidence knowing that each product has been thoroughly tested to meet C.R. Laurence's stringent standards and will deliver both quality and value to your project.

Selection

We identify top-selling, high demand products to add to our CRL brands line. Our product managers and product development teams are constantly surveying related building and manufacturing sources worldwide to discover new products, technologies, techniques, and applications. Whenever possible, we manufacture them ourselves to ensure maximum quality and value. In doing so we've amassed the largest selection of tools, supplies, and hardware in the industry, providing you with everything you need to finish your project.

Honesty

We maintain our industry leadership position by being absolutely transparent in our business policies. All of our terms and conditions are available anytime at **crlaurence.com/policies**. Here you will find complete information regarding: catalog policy, credit terms, international terms, customer service, custom orders, ordering information, privacy policy, shipping information, and warranty information.



C.R. Laurence Manufacturing Headquarters, Los Angeles, California



Frameless Shower Door Hardware

PAGES
SD001 - SD160

- Acrylic Accessories
- Adjustable Clamps and Hinges
- Aluminum U-Channels
- Bath and Shower Grab Bars
- Doors Seals and Sweeps
- Frameless Restroom Partition System
- Glass Clamps
- Glass Cleaners, Polishes, and Wipes
- Glass-to-Glass Hinges
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- Thresholds
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- U-Channel
- Wall Mount Hinges
- Water Seals and Sweeps

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These products and more can be found in this catalog section. On the bottom of each page are direct search instructions for viewing them on our web site. You can also enter the catalog number into the search box for a direct link to the product and others in that category. To view other products, click on the link to our Catalog Library found on the web site home page.

Products in this section can also be found in our CRL23R Frameless Shower Door and Mirror Hardware Catalog, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs.**



C.R. Laurence is ISO 9001:2008 Certified

SECTION 1 INDEX

FRAMELESS SHOWER DOOR HARDWARE

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TPC Surface Protector SD155
Traditional Glass Clamps SD094-SD098
Transom Clamps SD089, SD093, SD097-SD099
Transparent Adhesive Tapes SD129
Trianon Series Hinges SD044

U
U-Channel With Wipe SD109
U-Channels SD107-SD109
U-Clamps for Glass SD094, SD102
Ultimate Series Hinges SD019
UV Adhesive SD159

V
Vertical Post Systems SD120
Very Hi-Bond Double-Sided Tape SD129
Vienna Series Hinges SD022-SD026
Vinyl for U-Channels SD107
Vinyl Shower Door Seals SD126-SD127

W
Wall Mount Clamps SD086-SD087, SD090-SD091, SD100
Wall Mount Towel Bars SD085
Wall Mounting Brackets SD113
Washers for Shower Handles SD074-SD075
Water Clear Silicone Sealant SD160
Water Seals and Sweeps SD121-SD128
Water Stain Removers SD155
Wipes for Shower Doors SD121-SD123
Wipes, Lint Free SD155

Z
Zurich Series Hinges SD036-SD037

Quality is What Sets CRL Apart!

- **Quality - Always Sought But Not Always Easy to Attain**
- **Make Sure You Know the Difference Between Quality CRL Frameless Shower Door Hardware and All Others**

Ever hear someone say "It gets me where I want to go" about their automobile? Undoubtedly that is true, but if they could upgrade at a reasonable cost and own something that was more durable, nicer looking, and gave them that all important feel of "value", then they would most certainly jump at the chance.

CRL Frameless Shower Door Hardware is designed with this in mind, where it allows the user choices of economical design opportunities right up to the highest grade of hardware available. Your determination of value is important, and it is equally important for us to provide you with choices.

It's What's Inside That Counts . . .



The highest quality internal parts, combined with beautiful finishes, provide the finishing touch to today's modern frameless shower door









MORE CHOICES crlaurence.com

Quality Materials: - Forged brass or stainless steel Hinges, along with all stainless steel moving parts, assure durability and performance in water environments. Many lesser grade Hinges are made of cast or plated metals, resulting in short term performance but not the life expectancy and value provided by CRL. For accessory items such as Pull Handles and Towel Bars, choices of solid brass or heavy walled tubular brass provide the user with design and function options. Our solid brass Glass Clamps, Aluminum Channels, as well as many fungus resistant Water Seals, complete a product line designed to allow the combination of aesthetics and installation durability.

Quality Finishes: - Time tested plated and powder coat finishes in up to over 20 choices allow the user to match most any modern shower décor. CRL is constantly researching and evaluating the latest plumbing and bathroom fixtures to keep you apprised of what the latest trends are. It is always important to note that if you do not see the item you like in a particular finish, CRL can provide you a quote to have the product done as a custom order. Our in-house powder coating facility, along with plating and other manufacturing capabilities, makes us the company who will provide you the most choices.

Hinge Mounting Options: - While the early days of traditional side mounted style Wall Mount and Glass-to-Glass Hinges will always be popular, recent years have led to new CRL innovations, such as our Prima Series Top and Bottom Mount Styles, as well as our first "Notchless" Hinge with the Madrid Series. Architects, designers, and homeowners can virtually let their imaginations be their only limitation with the offering of models and designs to suit numerous modern day frameless shower configurations.

Hinge Feature: CRL Hinges come packed standard with Phillips Screws installed in the hinge plates. An optional pack of Allen Screws is also included in each box for customer preference. In addition, replacement screw packs are offered for both Phillips and Allen styles (see page SD058).

CE Marking: - As you go through our catalog, you will note that many C.R. Laurence Shower Door Hinges are displayed with the CE Icon.

CE Marking (also known as CE Mark) is a mandatory conformance mark on many products placed on the market in the European Economic Area (EEA). The letters "CE" stand for "Coformite Europeenne" ("European Conformity").

The CE marking is a key indicator of a product's compliance with EU legislation, and enables the free movement of products within the European market. By affixing the CE marking to a product, a manufacturer is declaring conformity with all of the legal requirements to achieve the CE marking. This marking ensures the validity of the product to be sold throughout the European Economic Area.

SHOWERS online by CRL

CRL Showers Online

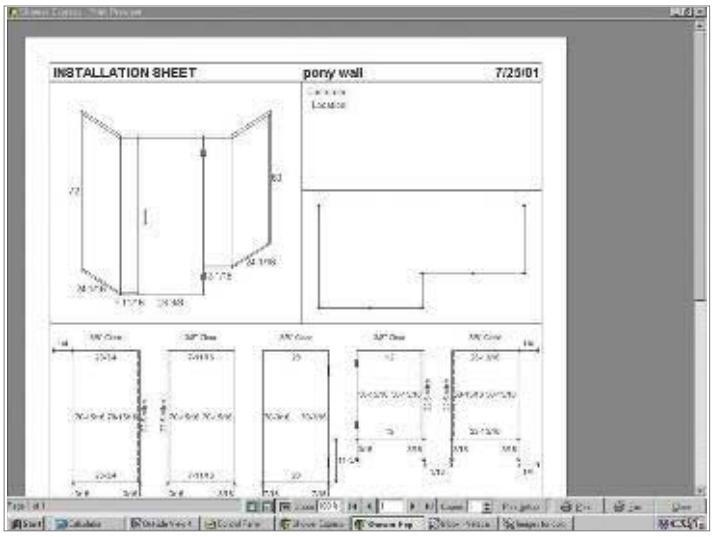
Web-Based Design, Glass Sizing, Quote, and Ordering Program

- **Revolutionary Program Generates "Go" Glass Sizes From Your Field Measurements**
- **Web-Based So You Have 24 Hour Access**
- **Sizes for Shower Enclosures Can Be Completed in Just a Few Minutes**
- **Upon Completion of Data Entry, Simply Push the "Print" Icon to Generate Complete Glass Sizes and Their Templates**
- **You Have the Ability to Change the Default Deductions for Glass Sizing**
- **Continued Upgrades to Program Occur at No Extra Expense**
- **Recent Upgrades Include:**

* Program Generates Completed Quotes and Allows Easy Conversion to Orders
* Quote Requests for Custom Items Can Be Generated
* Glass Sizes and Pricing for Cottage Series, Serenity Series, and Hydroslide Series Sliding Systems Can Be Done
* New 3D Color Images
* Branding Feature to Add Your Company Logo
* DXF Export Feature for CNC Fabrication Needs

Now, you no longer have to figure glass sizes by hand. Showers Online is a web-based design and glass sizing program that allows you to enter a list of products being used for a particular job, and the field measurements for the installation. Showers Online then calculates final glass sizes and displays detailed information, including hinge and handle locations, miters, and much more. The program is tailored to work with most any shower enclosure configuration. Users can select numerous default settings, hardware types, and clearances. A quote sheet can be assembled for a professional and personalized quote you can send to a prospective customer. Shower hardware specific for each enclosure can be ordered from Showers Online.

Showers Online is available only to CRL Authorized professional installers who first attend an introductory Webinar. For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/online-apps**. From the home page click on Contact Us, and then click on Technical Sales for Shower Products.



FREE 30 DAY TRIAL OFFER UPON COMPLETION OF INTRODUCTORY WEBINAR

VISIT **crlaurence.com/online-apps**

AVAILABLE IN IMPERIAL AND METRIC VERSIONS

Benefits of Using CRL's Showers Online

- **Online Access Means Availability to the Program Anytime, Anywhere... From the Office, Shop or Field**
- **Sophisticated CAD Processing Takes Place on Our Web Servers, Almost Any Model of PC Can be Used for Access, Just Web Access is Required**
- **Accurately Calculates Correct Glass Sizes, and All Hardware Locations, Cut-Outs and Gaps**
- **Issues Warnings About Possible Problems With the Shower Design**
- **Builds a Library of Your Most Common Showers, Which You Can Use to Start a New Job by Copying From the Most Similar Design in the Library**



CRL Showers Online

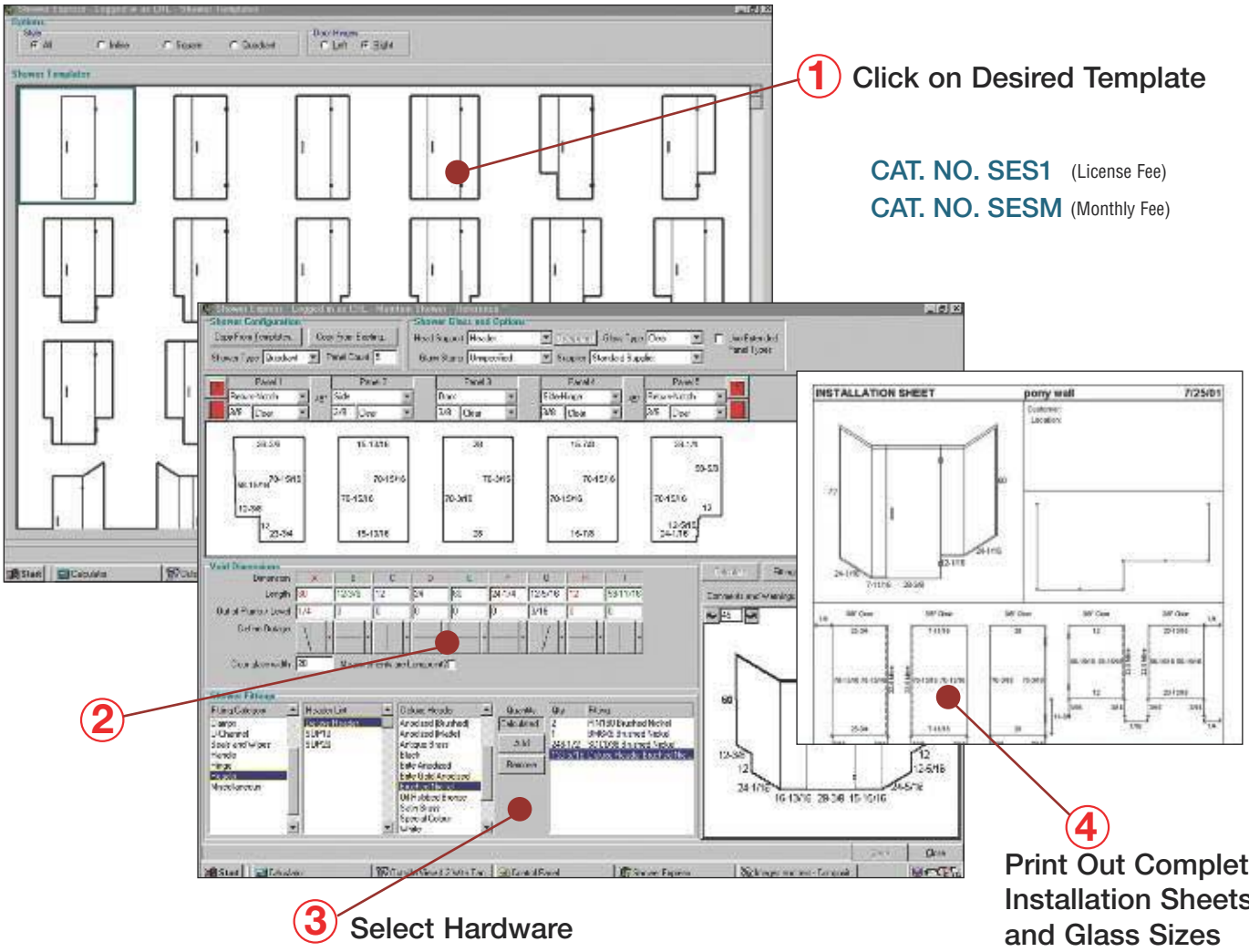
Web-Based Design, Glass Sizing, Quoting, and Ordering Program

Also Available in Spanish, French, German, Italian, and Dutch

MORE INFORMATION crlaurence.com

SHOWERS online by CRL

Design, Estimating, Quoting, and Ordering Program for CRL Frameless Shower Door Hardware



1. Choose the shower enclosure design that best matches the configuration of the unit you will be doing. There are more than 200 "templates" of shower enclosures from which to choose. Once you select the design, click on it to load it on to your screen. **NOTE:** Custom configurations that are not included in the over 200 design choices can be generated independently.

2. Enter the finished opening sizes from your field measurements. Remember just how critical these measurements are. The pre-programmed deductions will be taken from your field measurements. As they say, measure twice so you only have to cut once.

3. Select the C.R. Laurence Frameless Shower Door Hardware that you have chosen for the project.

4. Once all the products required for the shower enclosure have been determined, simply press the "Save" button. The glass sizes will be completed, along with individual panel details. It's that easy.

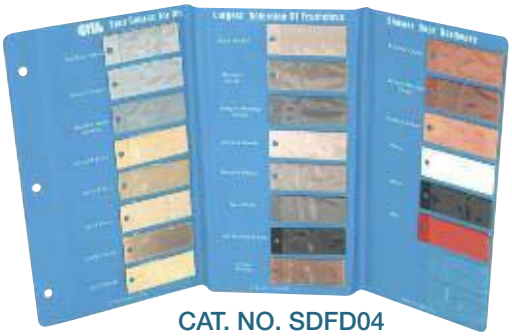
TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Finish Display and Color Chips

- **Attractive Tri-Fold Display Fits Nicely Into a Notebook or Can be Hung in a Showroom Display**
- **The Perfect Tool for Matching Bathroom Décors**
- **Contains Over 20 Labeled Color Chips**
- **Individual Color Chips Available Separately**

We offer this attractive Finish Display to allow color matching in today's modern bathroom décors. Presented in a very nice tri-fold display, you can keep it in a notebook for presentation as part of a portfolio, or simply hang it in your showroom for customers to view. The Finish Display contains over 20 popular hardware finishes, with all Chips labeled for easy identification. Another display option is our SDCSK Color Chip Chain. Individual Color Chips are also offered for replacement purposes.



CAT. NO. SDFD04
Complete Hinge Finish Display



CAT. NO. SDCSK
Complete Color Chip Chain

Available Finishes



MORE INFORMATION crlaurence.com

INDIVIDUAL COLOR CHIPS

CAT. NO.	FINISH
CH1PCH	Polished Chrome
CH1PSC	Satin Chrome (Matte)
CH1PBSC	Brushed Satin Chrome
CH1PBN	Brushed Nickel
CH1PPN	Polished Nickel
CH1PSN	Satin Nickel
CH1PABN	Antique Brushed Nickel
CH1PBR	Polished Brass
CH1PSB	Satin Brass
CH1PABR	Antique Brass
CH1PUBR	Ultra Brass

Minimum order: 1 each.

CAT. NO.	FINISH
CH1P0RB	Oil Rubbed Bronze
CH1PABRZ	Antique Bronze
CH1PBBRZ	Brushed Bronze
CH1PABC0	Antique Brushed Copper
CH1PBC0	Brushed Copper
CH1PC0	Polished Copper
CH1PGM	Gun Metal
CH1PGP	Gold Plated
CH1PW	White
CH1PBL	Black
CH1PRD	Red
CH1PSLV	Blank Plastic Sleeve Only

Minimum order: 1 each.

Frameless Shower Door Hardware and Supplies Catalog

- **Full Color Catalog Showcases Our Frameless Shower Door Hardware Product Line**
- **Full Specifications to Assist in Product Choices**
- **Photo Gallery of Completed Enclosures**



CAT. NO. SD16

Frameless Shower Door Guide

- **A Comprehensive Reference Manual and Training Tool**
- **Covers Design and Proper Hardware Selection, Installation Fabrication, and Glass Sizing**



CAT. NO. SDT21

Shower Door Folding Flyer

- **Full Color Flyer Can Be Used to Advertise That You Are in the Frameless Shower Door Business**
- **Perfect for Mailings and Trade Show Use**
- **Includes Acrylic Literature Holder**



CAT. NO. FF4SD
(50 Flyers Per Pack)

CRL FRAMELESS SHOWER RESOURCES

go to:
crlaurence.com/**frameless-showers**

CRL LOGO Frameless Shower Door Hinges and Handles

NEW!

- **Hinges and Handles Now Manufactured With Lasered "Positive I.D." CRL Logo**
- **Small Logo on Rear Hinge Plate Appears on Inside of Shower Only**
- **Ideal for Identifying in Retrofit Applications to Ensure CRL Quality**



C.R. Laurence Company is proud to now manufacture many CRL Frameless Shower Door Hinges and Handles with a small lasered CRL logo. This positive identification ensures the user that the items are indeed CRL quality, and by appearing only on the rear hinge plate the logo is displayed on the inside of the shower only. This makes these hinges not only excellent for first time installation, but perfect for retrofit applications in identifying CRL as the replacement hinge.

Need Technical Information?

Visit **crlaurence.com** and take these four easy steps required to view and print Technical Documents and Product Specifications.

1 Enter a valid CRL Catalog Number into the Search Box.



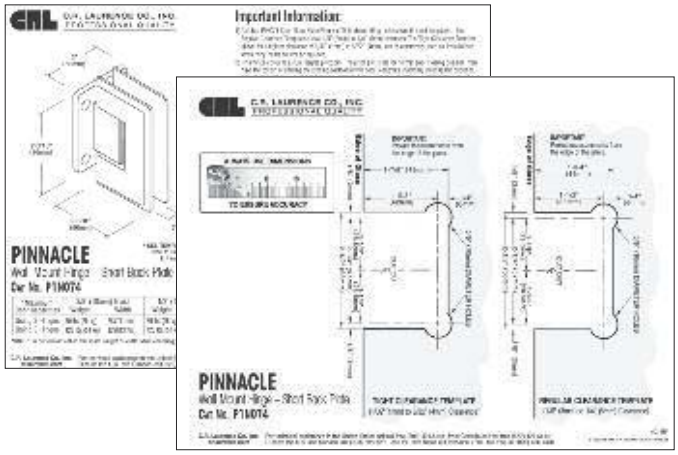
2 Click on the "Technical Information" Icon located just above the photo of the product.



3 Click "View" to see a PDF of the document you have chosen. Print if you choose.



4 Glass Fabrication Details and further Product Information are now in hand.



go to crlaurence.com to search for
frameless-showers Search
or enter the Catalog Number for complete product information

SD005

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

Have I Chosen the Proper Hinges for My Project?

It's a Good Question, and One of the Best Places to Start When First Beginning Your Designing and Planning Stages

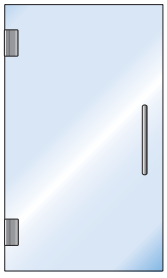
NOTE: All C.R. Laurence Hinges in this catalog are designed for residential or hotel shower use. If hinges are to be used for other than their intended purpose, approval must be obtained from the C.R. Laurence Technical Sales Department.

The question above considers numerous factors. Sometimes it is as simple as aesthetics. What "look" does the customer want? Other times, job site conditions dictate some creativity, or might limit you to a choice of hinges. A safe enclosure should be your primary concern. Make sure you adhere to the maximum capacities shown for each hinge in our catalog.

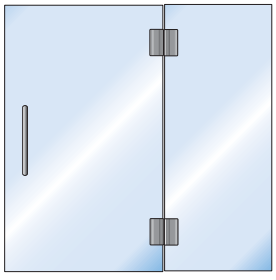
Shown below is information about the common mounting methods. Familiarize yourself with these layouts. Our Shower Technical Sales Staff can assist you in not only selecting the correct hinges, but also with the accessory and component items to put the finishing touches on the enclosure.

Standard Side Mounting Wall Mount and Glass-to-Glass Hinges

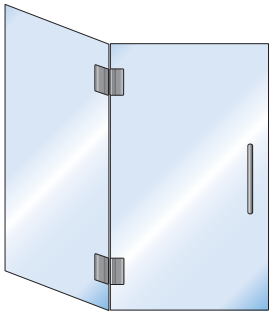
Shown below are typical applications for Wall Mount and Glass-to-Glass Hinges. These drawings are only a sampling, and can be used to assist in the design of your particular enclosure. It is not necessarily a case of right or wrong when selecting between a Wall Mount and Glass-to-Glass Hinge, it is most often a design choice. Sometimes the job site conditions will dictate where one is more proper than the other, but usually it is a certain look that is desired. Generally Wall Mount Hinge jobs are slightly less costly due not only to the cost of the hardware itself (when compared against Glass-to-Glass Hinges) but also savings in the glass cost by making fewer cut-outs. If you have a fixed panel of glass that does not go all the way to the ceiling, and your customer does not want a header, Wall Mount Hinges present a good option. This is because Glass-to-Glass Hinges swinging from a fixed panel not secured at the top and bottom is not recommended. Several of our Hinge Series contain a reversible 5 Degree Pivot Pin, as well as the option of a Custom Pivot Pin manufactured for use on "off-angle" installations. In the end, you will find that with the wide variety of choices available, C.R. Laurence will be able to provide the hardware for most any design.



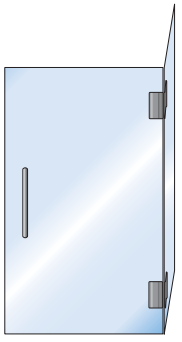
Wall Mount



180 Degree Glass-to-Glass



135 Degree Glass-to-Glass

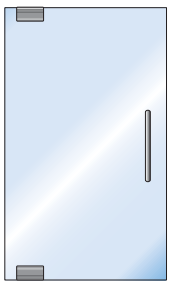


90 Degree Glass-to-Glass

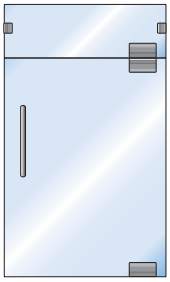
Top and Bottom Pivot Hinges

Top and Bottom Pivot Hinges (Prima, Rondo, Shell, Cardiff, Junior Prima, Senior Prima, and Senior Cardiff Series) are quickly becoming the choice of designers and installers for many reasons. There are advantages to the top and bottom mount models. They carry the majority of the weight on the bottom, and have the ability to be inset from the wall, enabling clearance for towels bars and other projections. Top and Bottom Pivot Hinges provide the answer to several common installation dilemmas. When a glass-to-glass installation is to be done, and the angle of installation does not fall into one of the common mounting degrees (90, 135, or 180), a Top and Bottom Pivot can be used. The Top and Bottom Pivot Hinge is also a good choice as an alternative to the combination of a Wall Mount Hinge positioned on a knee wall with a Glass-to-Glass Hinge above it.

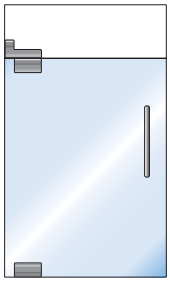
Top and Bottom Pivot Hinges provide more of the desired 'all-glass' look when compared to traditional hinges side mounted on the wall between the top and bottom of the enclosure. Top and Bottom Pivot Hinges are also easily adaptable with our Header Systems to provide an attractive and functional enclosure for units not going all the way to the ceiling. Optional 5 Degree Pivot Pins my be ordered for these hinges to alter the closing position of the door. All in all, the versatility of the Top and Bottom Pivot Hinge makes it the choice of many installers. These drawings illustrate some of the many applications for Top and Bottom Pivot Hinges.



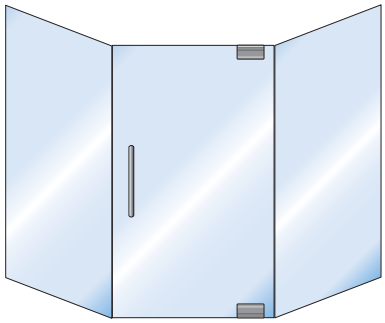
Top and Bottom Pivot for Standard Door (Floor to Ceiling)



Top and Bottom Pivot with Fixed Transom



Top and Bottom Pivot (Open space above door)



Top and Bottom Pivot in 135 Degree Glass-to-Glass Application (Can be done with or without Header)

Many CRL Shower Door Hinges Utilize the Same Glass Cut-Out

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

GROUP 1


PRIMA


CARDIFF


RONDO


SHELL



Many CRL Hinges utilize the same cut-out in the tempered glass. This is by design by CRL, and good for you the customer. It not only allows you to present options to your customers when choosing the particular model of hinge for the job, but even allows an opportunity to go back later and re-install a different hinge in the same cut-out, should a customer make décor changes. This page shows you the different Hinge groupings which share the same glass cut-outs.

IMPORTANT: Make sure you use similar base catalog numbers when comparing glass cut-outs. For instance, GENEVA GEN037 and PINNACLE P1N037 have the same cut-out. However, GENEVA GEN074 and PINNACLE P1N037 DO NOT. So pay careful attention to the model numbers when comparing glass cut-outs. And, as always, contact our Shower Technical Sales Staff for clarification and assistance.

CE
Certification
(See Page SD001)

GROUP 2


GENEVA


PINNACLE


ROMAN


ULTIMATE

GROUP 3


VIENNA


COLOGNE

GROUP 4


CONCORD


ESTATE

GROUP 5


SENIOR PRIMA


SENIOR CARDIFF

GROUP 6


CLASSIQUE


PETITE


MONACO

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Geneva Series Hinges

- Our Most Popular Hinge Series
- Choice of Models That Close to Standard Closing Position, or Models That Close 5 Degrees Further Into Shower Enclosure
- Reversible Pivot Pin Allows Installation Options

CE
Certification
(See Page SD001)

3 year WARRANTY



SPECIFICATIONS:

Glass Thickness Range: 5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass

Material: Solid Brass

Hinge Swings: 90 Degrees Inwards and Outwards

Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required: Except Model GEN092 which requires cut-out for door and holes for fixed panel

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Gaskets are included for 1/2" and 3/8" (12 and 10 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. GEN13 Gaskets must be ordered.





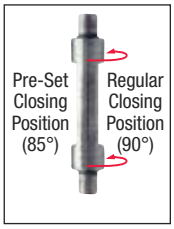
MORE INFORMATION crlaurence.com

The Geneva Series of professional Hinges are able to accommodate 5/16", 3/8" or 1/2" (8, 10 or 12 mm) tempered glass. They are made of solid brass with all moving parts (pins and springs) in stainless steel.

A variety of six styles give design flexibility, including three different Wall Mount and three different Glass-to-Glass models. Geneva Hinges are self-centering, and contain a Reversible 5 Degree Pivot Pin (see below). In addition, Custom Pivot Pins are available to accommodate 'off-angle' installations (see below).

*MAXIMUM CAPACITIES	5/16", 3/8", AND 1/2" (8, 10, AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	28"/711 mm
Using Three Hinges	120 lbs/54 kg	32"/813 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.



STANDARD REVERSIBLE PIVOT PIN

Each Geneva Hinge contains a Reversible Pivot Pin. One side of the Pin is marked at 90 degrees. The opposite side of the Pin is marked 85 degrees. Standard Geneva Hinges come with the 90 degree side activated. Pre-Set Models come with the Pin pre-set for 85 degrees (5 degrees tighter closure into shower interior). The Pin can be rotated (not flipped upside down) to activate the other side.



Custom Pivot Pin
CAT. NO. GENP1N

CUSTOM PIVOT PIN

Custom Pivot Pins are available to accommodate "off-angle" installations. As an example, you may encounter a wall that will not meet your door at 90 degrees. If the standard 5 Degree Pivot Pin contained in the hinge does not assist in closing the door to the position desired, you may specify the angle needed for a Custom Pivot Pin (up to 45 degrees). Our Geneva Adjustable Hinge (see pages SD012-SD013) may also be the solution to your "off-angle" installation. Call for details.



- Complete Your Installation With Our Full Line of Matching Square Cornered Hardware

Square Style Heavy-Duty Glass Clamps

See pages SD123 - SD126



Geneva Glass Brackets

See page SD138



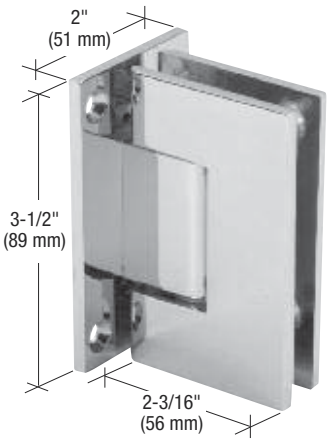
Geneva Accessories

See crlaurence.com/shower-accessories



CRL Geneva Series Hinges

Wall Mount Full Back Plate Hinge



Front



Rear

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com



Stocked in two models:

Standard
MODEL GEN037
Factory set for standard closing position

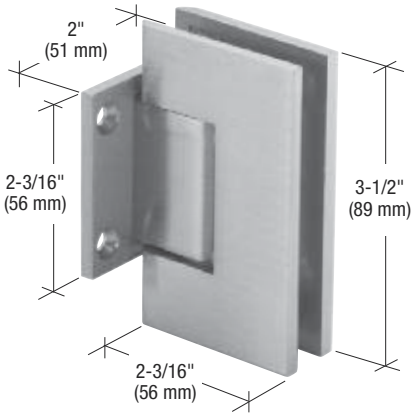
5 Degree Pre-Set
MODEL GEN537
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
GEN037CH	GEN537CH	Polished Chrome
GEN037BN	GEN537BN	Brushed Nickel
GEN037PN	GEN537PN	Polished Nickel
GEN037BR	GEN537BR	Polished Brass
GEN0370RB	GEN5370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Wall Mount Short Back Plate Hinge



Front



Rear

Stocked in two models:

Standard
MODEL GEN074
Factory set for standard closing position

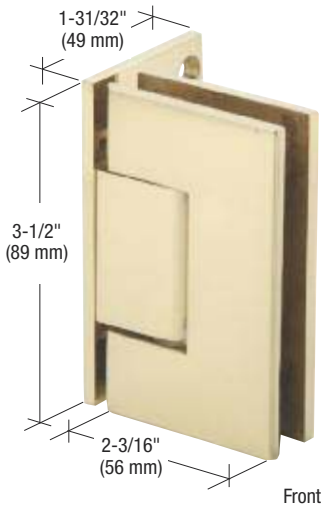
5 Degree Pre-Set
MODEL GEN574
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
GEN074CH	GEN574CH	Polished Chrome
GEN074BN	GEN574BN	Brushed Nickel
GEN074PN	GEN574PN	Polished Nickel
GEN074BR	GEN574BR	Polished Brass
GEN0740RB	GEN5740RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Wall Mount Offset Back Plate Hinge



Front



Rear

Stocked in two models:

Standard
MODEL GEN044
Factory set for standard closing position

5 Degree Pre-Set
MODEL GEN544
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
GEN044CH	GEN544CH	Polished Chrome
GEN044BN	GEN544BN	Brushed Nickel
GEN044PN	GEN544PN	Polished Nickel
GEN044BR	GEN544BR	Polished Brass
GEN0440RB	GEN5440RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Geneva Series Hinges

180 Degree Glass-to-Glass Hinge

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES crlaurence.com

5/16" to 1/2"



Front



Rear

Stocked in two models:

Standard
MODEL GEN180
Factory set for standard closing position

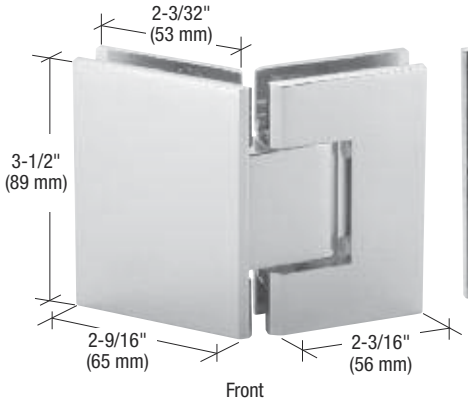
5 Degree Pre-Set
MODEL GEN580
Factory set for 5 degree tighter closure into shower interior

STANDARD 180 DEGREE GLASS-TO-GLASS CAT. NO.	5 DEGREE PRE-SET 180 DEGREE GLASS-TO-GLASS CAT. NO.	FINISH
GEN180CH	GEN580CH	Polished Chrome
GEN180BN	GEN580BN	Brushed Nickel
GEN180PN	GEN580PN	Polished Nickel
GEN180BR	GEN580BR	Polished Brass
GEN1800RB	GEN5800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

135 Degree Glass-to-Glass Hinge



Front



Rear

Stocked in two models:

Standard
MODEL GEN045
Factory set for standard closing position

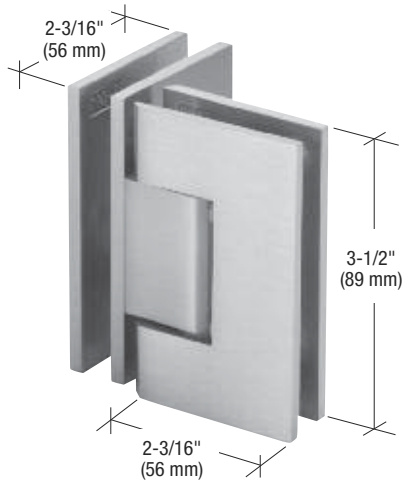
5 Degree Pre-Set
MODEL GEN545
Factory set for 5 degree tighter closure into shower interior

STANDARD 135 DEGREE GLASS-TO-GLASS CAT. NO.	5 DEGREE PRE-SET 135 DEGREE GLASS-TO-GLASS CAT. NO.	FINISH
GEN045CH	GEN545CH	Polished Chrome
GEN045BN	GEN545BN	Brushed Nickel
GEN045PN	GEN545PN	Polished Nickel
GEN045BR	GEN545BR	Polished Brass
GEN0450RB	GEN5450RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

90 Degree Glass-to-Glass Hinge



Front



Rear

MODEL GEN092
Opens 90 degrees outwards and inwards

SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

CAT. NO.	FINISH
GEN092CH	Polished Chrome
GEN092BN	Brushed Nickel
GEN092PN	Polished Nickel
GEN092BR	Polished Brass
GEN0920RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

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CRL US ALUMINUM

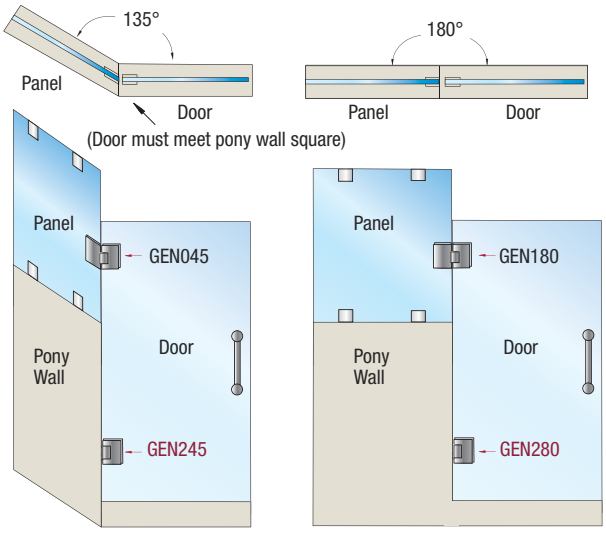
CRL Geneva Series Pony Wall Hinges

- **Eliminates Need to Cut Into Tile or Marble to Recess Wall Mounting Plates of Regular Geneva Series Hinge**
- **Modified Hinge Mechanism Allows Matching the Pivot Point of Hinge Installed Above It**
- **Has Same Reversible 5 Degree Pivot Pin as Regular Geneva Hinge**

CE

Certification
(See Page SD001)

3 year WARRANTY



SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to12 mm) Tempered Safety Glass

Special Feature: Mounted to surface of tile or marble as opposed to having to cut into wall to recess the back plate of a standard hinge

Material: Solid Brass

Hinge Swings: 90 Degrees Inwards and Outwards

Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. GEN13 Gaskets must be ordered.





MORE FINISHES crlaurence.com

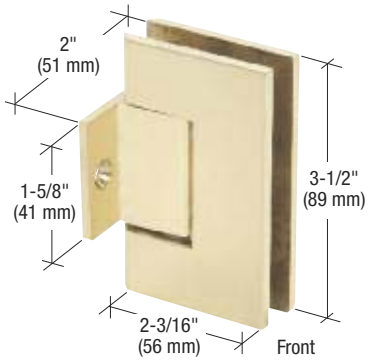
*MAXIMUM CAPACITIES	5/16", 3/8", AND 1/2" (8, 10, AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	28"/711 mm
Using Three Hinges	120 lbs/54 kg	32"/813 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

These hinges can be used in place of the standard wall-to-glass hinges normally utilized when using wall mount hinges on a pony wall, and glass-to-glass hinges above them. The GEN280 model is for use with 180 degree applications, while the GEN245 is for use with 135 degree applications. Previously in this application the tile or marble had to be cut to allow proper installation. Geneva Pony Wall Hinges are modified with a shortened center block (containing only one centering spring) and a small back plate (with only two mounting holes). Each hinge has the same Reversible 5 Degree Pivot Pin as our standard Geneva Hinge.

NOTE: For 135 degree installations it is required that the face of the pony wall be at a 45 degree angle to the wall, and a 90 degree angle to the door plane (see diagram above).

Pony Wall Mount Hinge for 135 Degree Applications





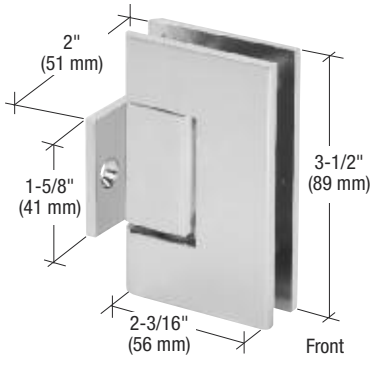
MODEL GEN245
For use in 135 degree applications

CAT. NO.	FINISH
GEN245CH	Polished Chrome
GEN245BN	Brushed Nickel
GEN245PN	Polished Nickel
GEN245BR	Polished Brass
GEN2450RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Pony Wall Mount Hinge for 180 Degree Applications





MODEL GEN280
For use in 180 degree applications

CAT. NO.	FINISH
GEN280CH	Polished Chrome
GEN280BN	Brushed Nickel
GEN280PN	Polished Nickel
GEN280BR	Polished Brass
GEN2800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Geneva Series Adjustable Hinges

- **Ideal for Use When Door Does Not Meet Wall or Adjoining Glass Panel at Standard Angle**
- **Allows Adjustability Up to 90 Degrees From Standard Closing Position**

CE
Certification
(See Page SD001)

3 year WARRANTY



SPECIFICATIONS:

Glass Thickness:
5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass

Special Feature: Adjustable to any angle up to 90 degrees without having to take the door down

NOTE: Door glass width may require alteration from standard clearance deductions when adjusting angles. Call for details.

Material: Solid Brass

Closing Type: Precise Closing to 0 Degrees

Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16 (8 mm) glass, Cat. No. GEN13 Gaskets must be ordered.





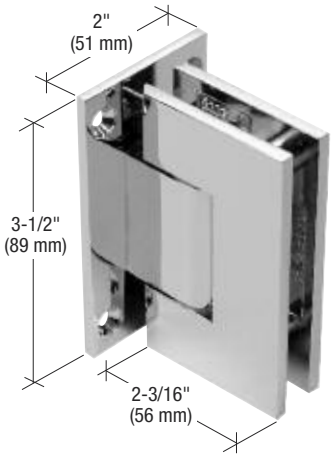
MORE FINISHES crlaurence.com

*MAXIMUM CAPACITIES	5/16", 3/8", AND 1/2" (8, 10, AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	28"/711 mm
Using Three Hinges	120 lbs/54 kg	32"/813 mm

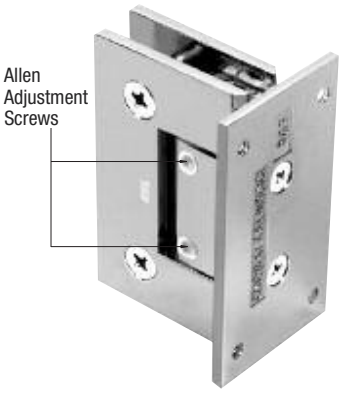
* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

The Geneva Adjustable Series has taken our popular Geneva Hinge to a new level. Adjustment to accommodate the desired angle (up to 90 degrees) is done after the door is installed. Once the door is hung, simply loosen the Allen set screws and turn the door to the desired closed position. By merely tightening the Allen screws your door will close precisely to 0 degrees. The door can swing 90 degrees inward and 90 degrees outward (adjusting angle from factory set position will reduce 90 degree swing in that direction).

Wall Mount Full Back Plate Adjustable Hinge



Front



Rear

MODEL GEN337

Opens up to 90 degrees outwards and inwards

SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

CAT. NO.	FINISH
GEN337CH	Polished Chrome
GEN337BN	Brushed Nickel
GEN337PN	Polished Nickel
GEN337BR	Polished Brass
GEN3370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

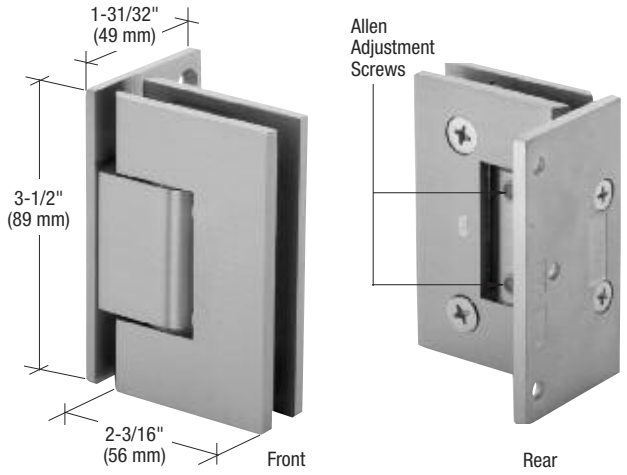
CRL Geneva Series Adjustable Hinges

Wall Mount Offset Back Plate Adjustable Hinge



MORE FINISHES
crlaurence.com





MODEL GEN344
Opens 90 degrees
outwards and inwards

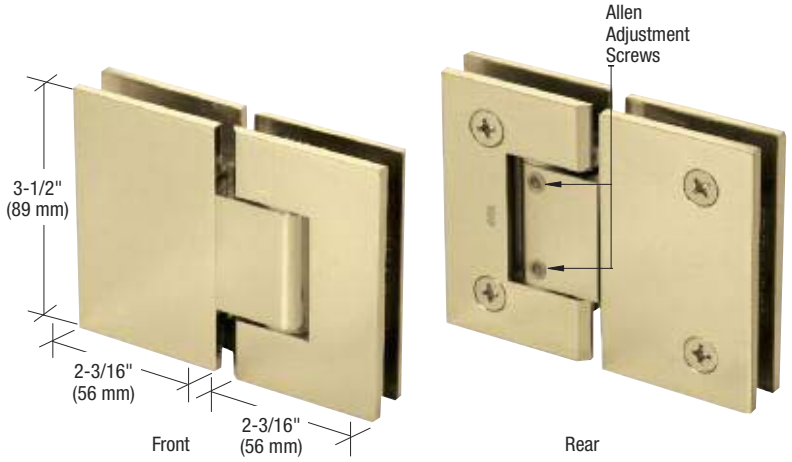
CAT. NO.	FINISH
GEN344CH	Polished Chrome
GEN344BN	Brushed Nickel
GEN344BR	Polished Brass
GEN3440RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Adjustable Hinge

PHOTO GALLERY
crlaurence.com



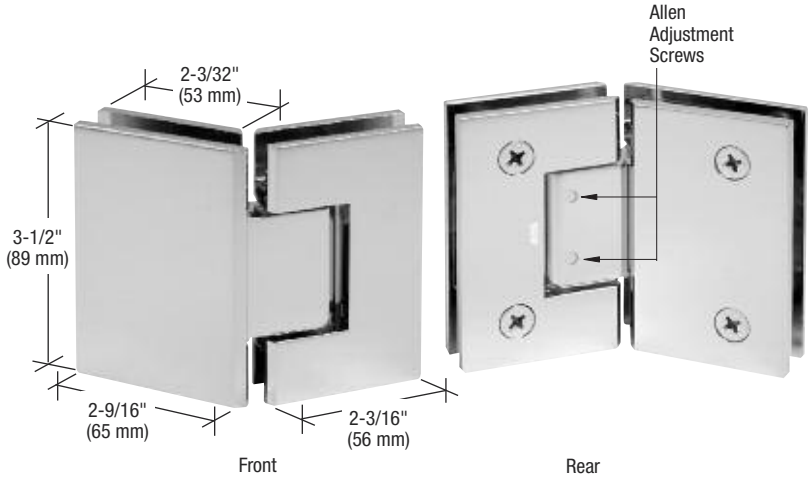
MODEL GEN380
Opens up to 90 degrees
outwards and inwards

CAT. NO.	FINISH
GEN380CH	Polished Chrome
GEN380BN	Brushed Nickel
GEN380PN	Polished Nickel
GEN380BR	Polished Brass
GEN3800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

135 Degree Glass-to-Glass Adjustable Hinge



MODEL GEN345
Opens up to 90 degrees
outwards and inwards



Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
GEN345CH	Polished Chrome
GEN345BN	Brushed Nickel
GEN345PN	Polished Nickel
GEN345BR	Polished Brass
GEN3450RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Pinnacle Series Hinges

- Radius Corners and Beveled Edges for an Attractive, Modern Appeal
- Contains Same Internal Mechanism as Our Popular Geneva Hinges
- Choice of Models That Close to Standard Closing Position, or Models That Close 5 Degrees Further Into Shower Enclosure
- Reversible Pivot Pin Allows Installation Options



SPECIFICATIONS:

Glass Thickness Range: 5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass
Material: Solid Brass
Hinge Swings: 90 Degrees Inwards and Outwards
Closing Type: Self-Centering When Within 15 Degrees of Closed Position
Cut-Out Required: Except Model P1N092 which requires cut-out for door and holes for fixed panel
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions
NOTE: Gaskets are included for 1/2" and 3/8" (12 and 10 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. P1N13 Gaskets must be ordered.

CE
Certification
(See Page SD001)

3 year WARRANTY



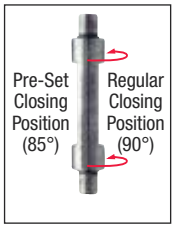


MORE INFORMATION
crlaurence.com

Pinnacle Series Hinges are able to accommodate 5/16", 3/8", or 1/2" (8, 10, or 12 mm) glass. A variety of six styles gives design flexibility, including five different Wall Mount and three different Glass-to-Glass types. Pinnacle Hinges are self-centering and contain a Reversible 5 Degree Pivot Pin (see below). In addition, Custom Pivot Pins are available to accommodate "off-angle" installations (see below). Made of solid brass with all moving parts (pins and springs) in stainless steel.

*MAXIMUM CAPACITIES	5/16", 3/8", AND 1/2" (8, 10, AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	28"/711 mm
Using Three Hinges	120 lbs/54 kg	32"/813 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.



STANDARD REVERSIBLE PIVOT PIN

Each Pinnacle Hinge contains a Reversible Pivot Pin. One side of the Pin is marked at 90 degrees. The opposite side of the Pin is marked 85 degrees. Standard Pinnacle Hinges come with the 90 degree side activated. Pre-Set Models come with the Pin pre-set for 85 degrees (5 degrees tighter closure into a shower interior). The Pin can be rotated (not flipped upside down) to activate the other side.



Custom Pivot Pin
CAT. NO.
GENP1N

CUSTOM PIVOT PIN

Custom Pivot Pins are available to accommodate "off-angle" installations. As an example, you may encounter a wall that will not meet your door at 90 degrees. If the standard 5 Degree Pivot Pin contained in the hinge does not assist in closing the door to the position desired, you may specify the angle needed for a Custom Pivot Pin (up to 45 degrees). Our Pinnacle Adjustable Hinge (see pages SD017-SD018) may also be the solution to your "off-angle" installation. Call for details.



- Complete Your Installation With Our Full Line of Matching Beveled Hardware

Beveled Style Heavy-Duty Glass Clamps

See pages SD127-SD130



Pinnacle Glass Brackets

See page SD138



Pinnacle Accessories

See crlaurence.com/shower-accessories

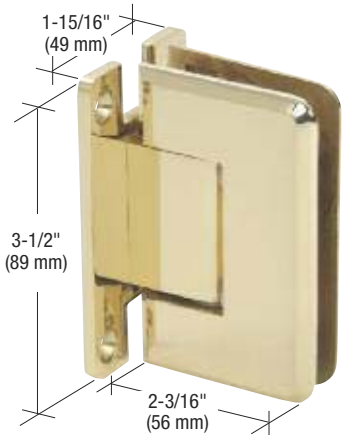


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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Pinnacle Series Hinges

Wall Mount Full Back Plate Hinge



Front



Rear

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com

5/16" to 1/2"

Stocked in two models:

Standard
MODEL P1N037
Factory set for standard closing position

5 Degree Pre-Set
MODEL P1N537
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
P1N037CH	P1N537CH	Polished Chrome
P1N037BN	P1N537BN	Brushed Nickel
P1N037PN	P1N537PN	Polished Nickel
P1N037BR	P1N537BR	Polished Brass
P1N0370RB	P1N5370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Wall Mount Short Back Plate Hinge



Front



Rear

Stocked in two models:

Standard
MODEL P1N074
Factory set for standard closing position

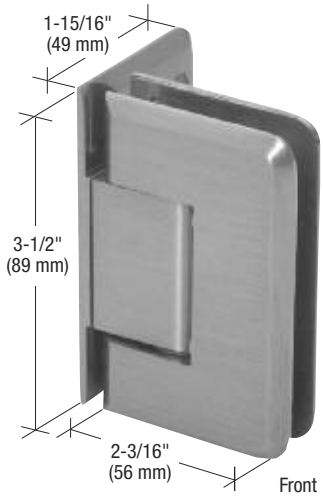
5 Degree Pre-Set
MODEL P1N574
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
P1N074CH	P1N574CH	Polished Chrome
P1N074BN	P1N574BN	Brushed Nickel
P1N074PN	P1N574PN	Polished Nickel
P1N074BR	P1N574BR	Polished Brass
P1N0740RB	P1N5740RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Wall Mount Offset Back Plate Hinge



Front



Rear

Stocked in two models:

Standard
MODEL P1N044
Factory set for standard closing position

5 Degree Pre-Set
MODEL P1N544
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
P1N044CH	P1N544CH	Polished Chrome
P1N044BN	P1N544BN	Brushed Nickel
P1N044PN	---	Polished Nickel
P1N044BR	P1N544BR	Polished Brass
P1N0440RB	P1N5440RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

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FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

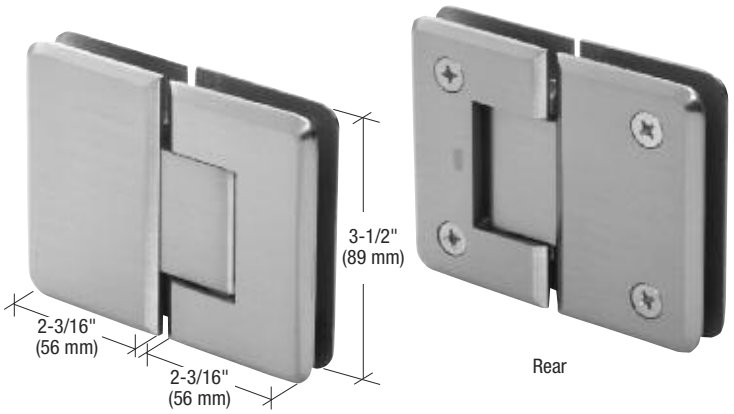
CRL Pinnacle Series Hinges



MORE FINISHES
crlaurence.com



180 Degree Glass-to-Glass Hinge



Stocked in two models:

Standard
MODEL P1N180
Factory set for standard closing position

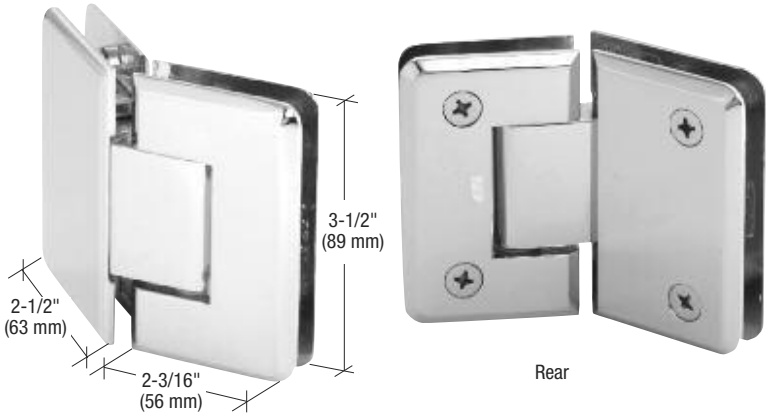
5 Degree Pre-Set
MODEL P1N580
Factory set for 5 degree tighter closure into shower interior

STANDARD 180 DEGREE GLASS-TO-GLASS CAT. NO.	5 DEGREE PRE-SET 180 DEGREE GLASS-TO-GLASS CAT. NO.	FINISH
P1N180CH	P1N580CH	Polished Chrome
P1N180BN	P1N580BN	Brushed Nickel
P1N180PN	P1N580PN	Polished Nickel
P1N180BR	P1N580BR	Polished Brass
P1N1800RB	P1N5800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

135 Degree Glass-to-Glass Hinge



MODEL P1N045
Opens up to 90 degrees outwards and inwards

PHOTO GALLERY
crlaurence.com

CAT. NO.	FINISH
P1N045CH	Polished Chrome
P1N045BN	Brushed Nickel
P1N045PN	Polished Nickel
P1N045BR	Polished Brass
P1N0450RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

90 Degree Glass-to-Glass Hinge



MODEL P1N092
Opens up to 90 degrees outwards and inwards



Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
P1N092CH	Polished Chrome
P1N092BN	Brushed Nickel
P1N092PN	Polished Nickel
P1N092BR	Polished Brass
P1N0920RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

CRL Pinnacle Series Adjustable Hinges

- **Ideal for Use When Door Does Not Meet Wall or Adjoining Glass Panel at Correct Angle**
- **Allows Adjustability Up to 90 Degrees From Standard Closing Position**
- **Adjustability Made Easy By Loosening and Tightening of Allen Set Screws After Installation**
- **Many Popular Stock Finishes, With Custom Finishes Available**

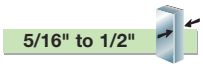
CE
Certification
(See Page SD001)

3 year WARRANTY



SPECIFICATIONS:
Glass Thickness:
5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass
Special Feature: Adjustable to any angle up to 90 degrees without having to take the door down
NOTE: Door glass width may require alteration from standard clearance deductions when adjusting angles. Call for details.
Material: Solid Brass
Closing Type: Precise Closing to 0 Degrees
Cut-Out Required
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions
NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16 (8 mm) glass, Cat. No. P1N13 Gaskets must be ordered.





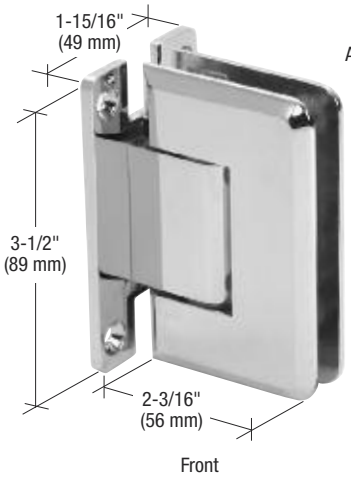
MORE FINISHES crlaurence.com

*MAXIMUM CAPACITIES	5/16", 3/8", AND 1/2" (8, 10, AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	28"/711 mm
Using Three Hinges	120 lbs/54 kg	32"/813 mm

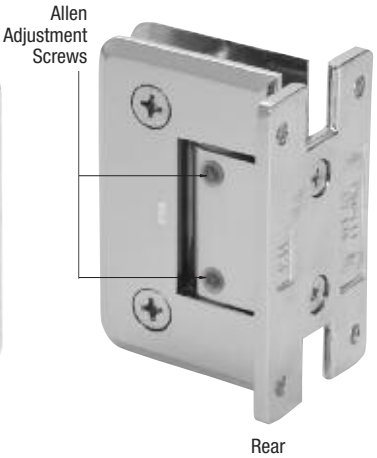
* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

The Pinnacle Adjustable Series has taken our popular Pinnacle Hinge to a new level. Adjustment to accommodate the desired angle (up to 90 degrees) is done after the door is installed. Once the door is hung, simply loosen the Allen set screws and turn the door to the desired closed position. By merely tightening the Allen screws your door will close precisely to 0 degrees. The door can swing 90 degrees inward and 90 degrees outward (adjusting angle from factory set position will reduce 90 degree swing in that direction). For doors pulling outwards only (using a clear door jamb), you can adjust the hinge to close 5 degrees inside the shower area, thus having the door close snugly against the jamb.

Wall Mount Full Back Plate Adjustable Hinge



Front



Rear

MODEL P1N337

Opens up to 90 degrees outwards and inwards

SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

CAT. NO.	FINISH
P1N337CH	Polished Chrome
P1N337BN	Brushed Nickel
P1N337PN	Polished Nickel
P1N337BR	Polished Brass
P1N3370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

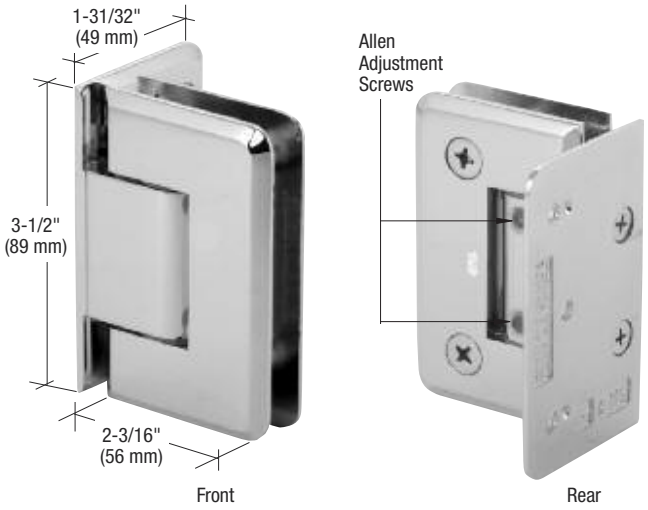
CRL Pinnacle Series Adjustable Hinges

Wall Mount Offset Back Plate Adjustable Hinge

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com

5/16" to 1/2"



MODEL P1N344

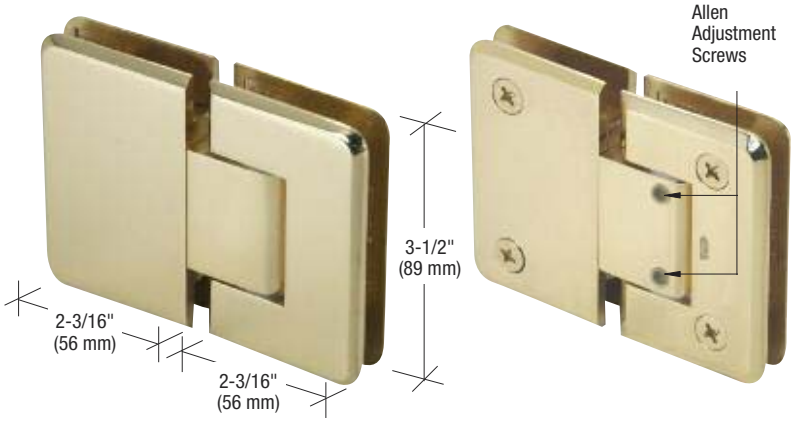
Opens up to 90 degrees outwards and inwards

CAT. NO.	FINISH
P1N344CH	Polished Chrome
P1N344BN	Brushed Nickel
P1N344BR	Polished Brass
P1N3440RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Adjustable Hinge



MODEL P1N380

Opens up to 90 degrees outwards and inwards

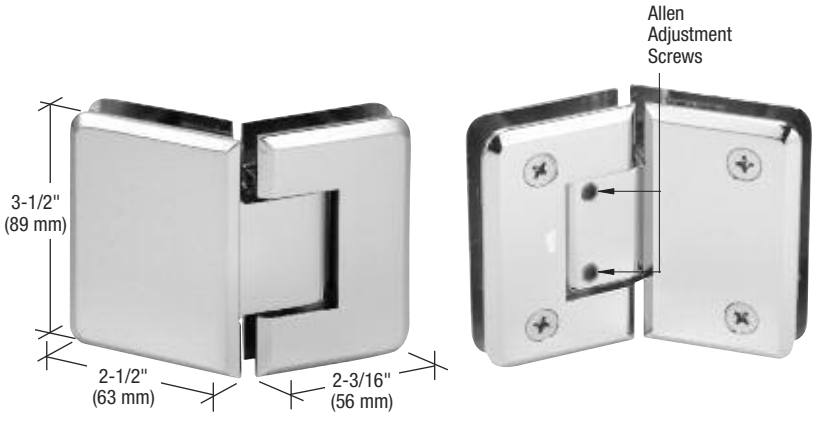
PHOTO GALLERY
crlaurence.com

CAT. NO.	FINISH
P1N380CH	Polished Chrome
P1N380BN	Brushed Nickel
P1N380PN	Polished Nickel
P1N380BR	Polished Brass
P1N3800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

135 Degree Glass-to-Glass Adjustable Hinge



MODEL P1N345

Opens up to 90 degrees outwards and inwards



Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
P1N345CH	Polished Chrome
P1N345BN	Brushed Nickel
P1N345PN	Polished Nickel
P1N345BR	Polished Brass
P1N3450RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Ultimate Series Hinges

- **All Stainless Steel Construction Makes This Hinge the Ideal Choice for Environments Subject to Accelerated Corrosion**
- **Internal Hinge Mechanism is Same as Popular Pinnacle Series**
- **Contains Reversible Pivot Pin**

CE
Certification
(See Page SD001)

3 year WARRANTY



SPECIFICATIONS:

Glass Thickness Range: 5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass

Special Feature: Stainless steel construction provides greater durability in conditions subject to accelerated corrosion, such as seaside communities with high atmospheric salt levels

Construction: Stainless Steel

Hinge Swings: 90 Degrees Inwards, and Outwards

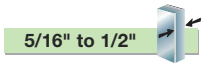
Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. P1N13 Gaskets must be ordered.





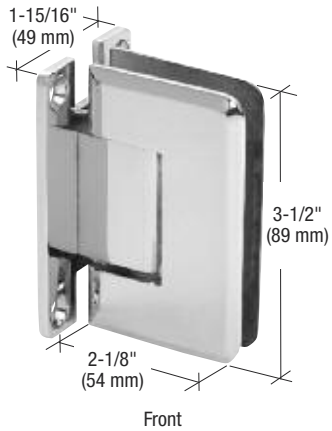
MORE INFORMATION crlaurence.com

*MAXIMUM CAPACITIES	5/16", 3/8" AND 1/2" (8, 10 AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	95 lbs/43 kg	30"/762 mm
Using Three Hinges	130 lbs/59 kg	32"/813 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

Featuring the same beautiful rounded corners and beveled edges of the Pinnacle Hinge, the Ultimate Hinge is constructed entirely of stainless steel. This all-stainless construction gives the Ultimate Hinge a durability not usually found in brass hinges. The Ultimate has superior longevity in conditions of accelerated corrosion, such as seaside communities with high atmospheric salt levels. The Ultimate Hinge has stainless steel plunger tips, pins, and springs to ensure long service life and reliable door closure. It also has the same Reversible 5 Degree Pivot Pin featured in our Geneva, Cathedral, Pinnacle, Roman, and Elite Series Hinges (see page SD045). A Custom Pivot Pin is available for "off-angle" installations.

Wall Mount Full Back Plate Hinge



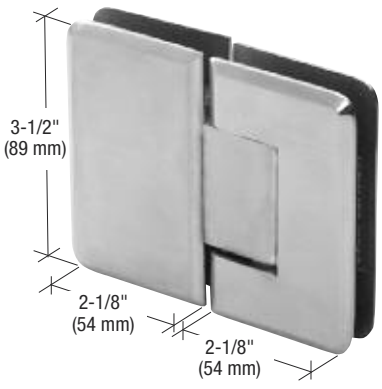


MODEL ULT037
Opens up to 90 degrees inwards and outwards

CAT. NO.	FINISH
ULT037SS	Brushed Stainless
ULT037PS	Polished Stainless

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Hinge





MODEL ULT180
Opens up to 90 degrees inwards and outwards

CAT. NO.	FINISH
ULT180SS	Brushed Stainless
ULT180PS	Polished Stainless

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Roman Series Hinges

- Contain Same Internal Mechanism as Our Popular Geneva Series Hinges
- Wall Mount Full Back Plate Model Also Offers 5 Degree Pre-Set Model
- Rounded Corners Ideal for Softer Décors
- Contains Reversible Pivot Pin

Certification
(See Page SD001)

MORE INFORMATION
crlaurence.com

3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS

5/16" to 1/2"



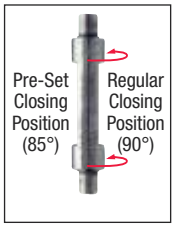
Roman Series Hinges contain the same internal mechanism as our popular Geneva Series Hinges, thus providing the same reliability and high performance. The rounded corners of the hinge plates provide a nice blend in a soft décor. Roman Series Hinges accommodate 5/16" to 1/2" (8 to 12 mm) thick glass, and are self-centering within 15 degrees of the closed position. Hinges are constructed of solid brass, and have stainless steel plunger tips, pins, and springs to ensure long service life and reliable door closure. Roman Series Hinges contain the same Reversible Pivot Pin used in our Geneva Series and many other hinges. A Custom Pivot Pin (GENP1N) is also available for "off-angle" installations (see below).

*MAXIMUM CAPACITIES	5/16", 3/8", AND 1/2" (8, 10, AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	28"/711 mm
Using Three Hinges	120 lbs/54 kg	32"/813 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

SPECIFICATIONS:

Glass Thickness Range: 5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass
Material: Solid Brass
Hinge Swings: 90 Degrees Inwards and Outwards
Closing Type: Self-Centering When Within 15 Degrees of Closed Position
Cut-Out Required: Except Model R0M092 which requires cut-out in door and holes in fixed panel.
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions
NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. R0M13 Gaskets must be ordered.



STANDARD REVERSIBLE PIVOT PIN

Each Roman Hinge contains a Reversible Pivot Pin. One side of the Pin is marked at 90 degrees. The opposite side of the Pin is marked 85 degrees. Standard Roman Hinges come with the 90 degree side activated. Pre-Set Models come with the Pin pre-set for 85 degrees (5 degrees tighter closure into shower interior). The Pin can be rotated (not flipped upside down) to activate the other side.



Custom Pivot Pin
CAT. NO. GENP1N

CUSTOM PIVOT PIN

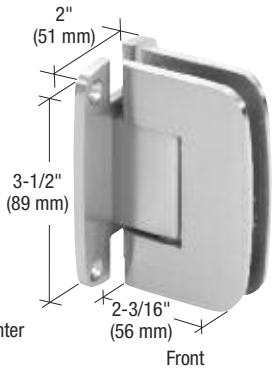
Custom Pivot Pins are available to accommodate "off-angle" installations. As an example, you may encounter a wall that will not meet your door at 90 degrees. If the Standard Reversible Pivot Pin contained in the hinge does not assist in closing the door to the position desired, you may specify the angle needed for a Custom Pivot Pin (up to 45 degrees).

Wall Mount Full Back Plate Hinge

Stocked in two models:

Standard
MODEL R0M037
Factory set for standard closing position

5 Degree Pre-Set
MODEL R0M537
Factory set for 5 degree tighter closure into shower interior





STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
R0M037CH	R0M537CH	Polished Chrome
R0M037BN	---	Brushed Nickel
R0M037PN	---	Polished Nickel
R0M037BR	R0M537BR	Polished Brass
R0M0370RB	---	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Wall Mount Offset Back Plate Hinge

See page SD139 for our matching Roman Series Glass Clamps.

MODEL R0M044
Opens up to 90 degrees outwards and inwards

Allows clean sight line from shower exterior





CAT. NO.	FINISH
R0M044CH	Polished Chrome
R0M044BN	Brushed Nickel
R0M044PN	Polished Nickel
R0M044BR	Polished Brass
R0M0440RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

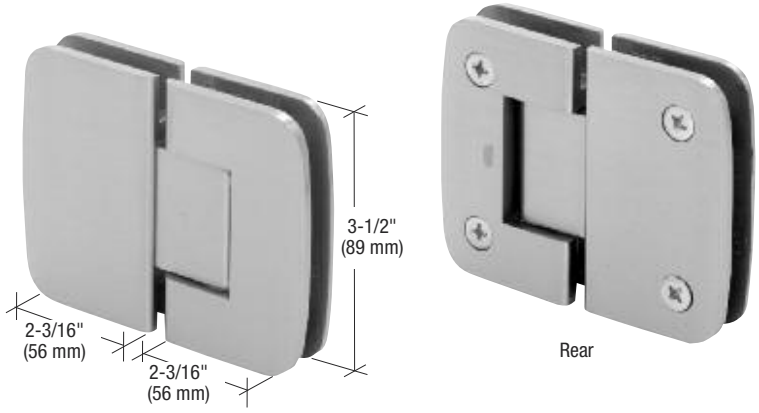
Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

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CRL US ALUMINUM

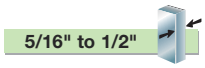
CRL Roman Series Hinges

180 Degree Glass-to-Glass Hinge



USE MONOLITHIC TEMPERED GLASS

MORE FINISHES crlaurence.com



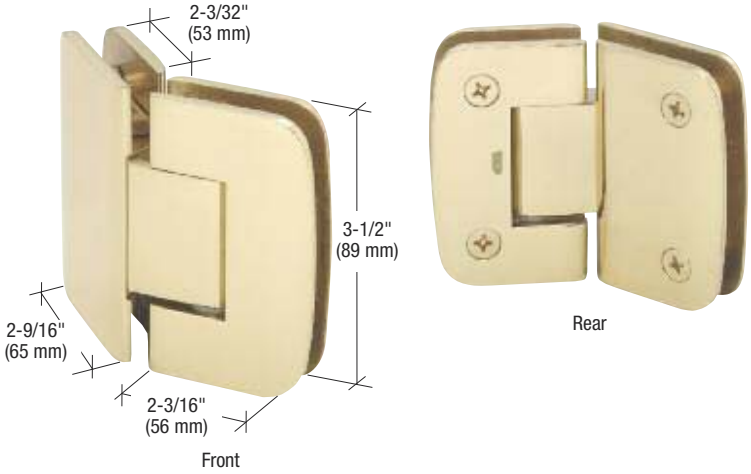
MODEL R0M180
Opens up to 90 degrees outwards and inwards

CAT. NO.	FINISH
R0M180CH	Polished Chrome
R0M180BN	Brushed Nickel
R0M180PN	Polished Nickel
R0M180BR	Polished Brass
R0M1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

135 Degree Glass-to-Glass Hinge



MODEL R0M045
Opens up to 90 degrees outwards and inwards

PHOTO GALLERY crlaurence.com

CAT. NO.	FINISH
R0M045CH	Polished Chrome
R0M045BN	Brushed Nickel
R0M045PN	Polished Nickel
R0M045BR	Polished Brass
R0M0450RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

90 Degree Glass-to-Glass Hinge



MODEL R0M092
Opens up to 90 degrees outwards and inwards

SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

CAT. NO.	FINISH
R0M092CH	Polished Chrome
R0M092BN	Brushed Nickel
R0M092BR	Polished Brass
R0M0920RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

CRL Vienna Series Hinges

- An Ideal Solution for Wider, Heavier Doors
- Sometimes Allows Use of Two Hinges When Three "Standard" Hinges Would Have to Be Used
- Option of CRL Standard "Mouse-Ears" Cut-Out, or Optional "Rectangular" Cut-Out
- Contains Reversible Pivot Pin

CE
Certification
(See Page SD001)

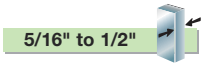
3 year WARRANTY



SPECIFICATIONS:

Glass Thickness Range: 5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass
Construction: Solid Brass
Hinge Swings: 90 Degrees Inwards and Outwards
Closing Type: Self-Centering When Within 15 Degrees of Closed Position
Cut-Out Required: Except Model V1E092 which requires cut-out in door and holes in fixed panel.
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions
NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. VIE13 Gaskets must be ordered.





MORE INFORMATION
crlaurence.com

ALL VIENNA HINGES EXCEPT V1E074, V1E044, AND V1E544 MODELS

*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS		1/2" (12 MM) GLASS	
	WEIGHT	DOOR WIDTH	WEIGHT	DOOR WIDTH
Using Two Hinges	110 lbs/50 kg	36"/914 mm	110 lbs/50 kg	36"/914 mm
Using Three Hinges	140 lbs/63 kg	36"/914 mm	140 lbs/63 kg	36"/914 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

FOR V1E074, V1E044, AND V1E544 MODELS ONLY

*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS		1/2" (12 MM) GLASS	
	WEIGHT	DOOR WIDTH	WEIGHT	DOOR WIDTH
Using Two Hinges	100 lbs/45 kg	34"/864 mm	100 lbs/45 kg	32"/813 mm
Using Three Hinges	130 lbs/59 kg	34"/864 mm	130 lbs/59 kg	32"/813 mm

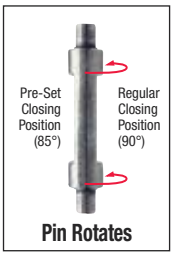
* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

Vienna Hinges are the solution for wider, heavier doors that traditional hinges are not strong enough to support. Two strategically placed steel pins inside the hinge provide template options, and satisfy two schools of thought for mounting shower door hinges. For the safety of "mouse-ears" type cut-outs, the two steel pins should be left in place. This allows the Vienna Hinge to be used with it's own CRL "mouse-ears" cut-out. On the other hand, to enable increased adjustability, the two pins can be removed. This allows the Vienna Hinge to fit it's own CRL rectangular shaped, square cornered cut-out. In some cases, it will also fit some competitive rectangular, square cornered cut-outs, allowing for retrofits.

Internal View of Vienna Hinge

See pages SD123 to SD126 for our line of matching Square Cornered Glass Clamps.





Pin Rotates

STANDARD REVERSIBLE PIVOT PIN

Each Vienna Hinge contains a Reversible Pivot Pin. One side of the Pin is marked at 90 degrees. The opposite side of the Pin is marked 85 degrees. Standard Vienna Hinges come with the 90 degree side activated. Pre-Set Models come with the Pin pre-set for 85 degrees (5 degrees tighter closure into shower interior). The Pin can be rotated (not flipped upside down) to activate the other side.



Custom Pivot Pin
CAT. NO.
V1EP1N

CUSTOM PIVOT PIN

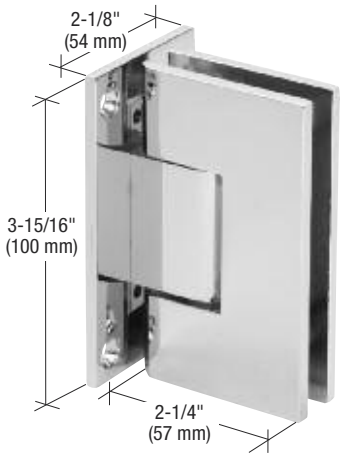
Custom Pivot Pins are available to accommodate "off-angle" installations. As an example, you may encounter a wall that will not meet your door at 90 degrees. If the standard 5 Degree Pivot Pin contained in the hinge does not assist in closing the door to the position desired, you may specify the angle needed for a Custom Pivot Pin (up to 45 degrees).

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Vienna Series Hinges

Wall Mount Full Back Plate Hinge



Front


Rear

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com



Stocked in two models:

Standard
MODEL V1E037
Factory set for standard closing position

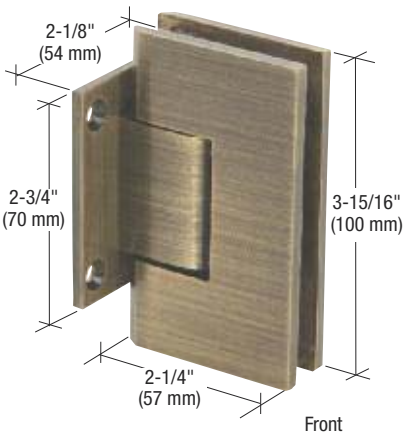
5 Degree Pre-Set
MODEL V1E537
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
V1E037CH	V1E537CH	Polished Chrome
V1E037BN	V1E537BN	Brushed Nickel
V1E037PN	V1E537PN	Polished Nickel
V1E037BR	V1E537BR	Polished Brass
V1E0370RB	V1E5370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Wall Mount Short Back Plate Hinge



Front


Rear

MODEL V1E074
Factory set for standard closing position

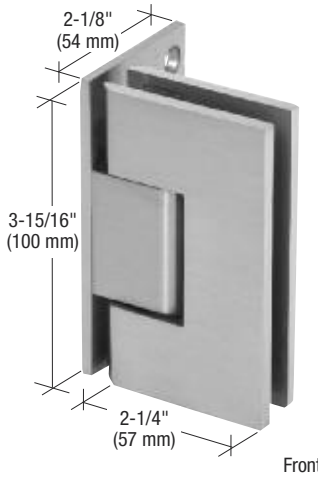
PHOTO GALLERY
crlaurence.com

STANDARD WALL MOUNT CAT. NO.	FINISH
V1E074CH	Polished Chrome
V1E074BN	Brushed Nickel
V1E074PN	Polished Nickel
V1E074BR	Polished Brass
V1E0740RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Wall Mount Offset Back Plate Hinge



Front


Rear

Stocked in two models:

Standard
MODEL V1E044
Factory set for standard closing position

5 Degree Pre-Set
MODEL V1E544
Factory set for 5 degree tighter closure into shower interior

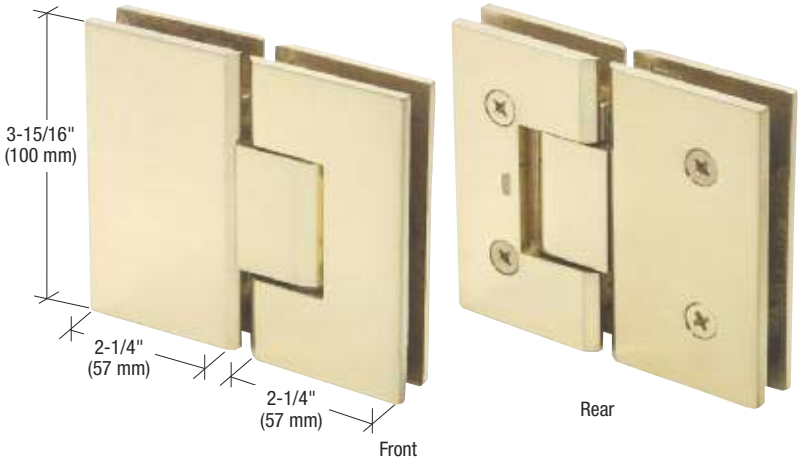
STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
V1E044CH	V1E544CH	Polished Chrome
V1E044BN	V1E544BN	Brushed Nickel
V1E044PN	---	Polished Nickel
V1E044BR	---	Polished Brass
V1E0440RB	V1E5440RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

CRL Vienna Series Hinges

180 Degree Glass-to-Glass Hinge



USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com



Stocked in two models:

Standard
MODEL V1E180
Factory set for standard closing position

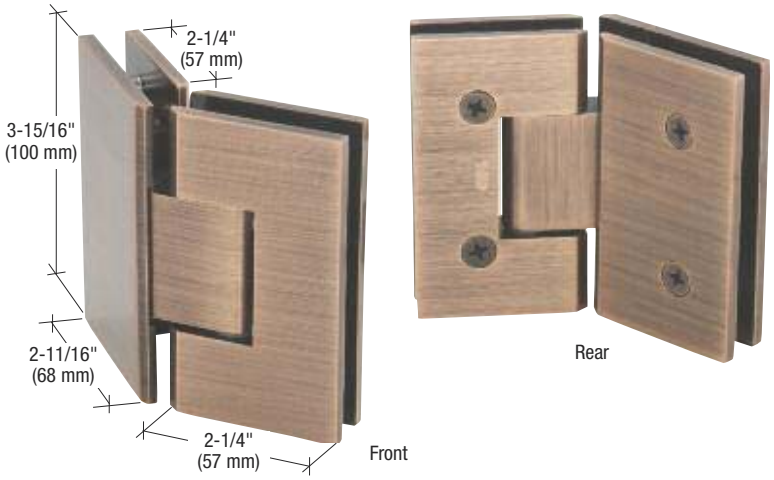
5 Degree Pre-Set
MODEL V1E580
Factory set for 5 degree tighter closure into shower interior

STANDARD 180 DEGREE GLASS-TO-GLASS CAT. NO.	5 DEGREE PRE-SET 180 DEGREE GLASS-TO-GLASS CAT. NO.	FINISH
V1E180CH	V1E580CH	Polished Chrome
V1E180BN	V1E580BN	Brushed Nickel
V1E180PN	V1E580PN	Polished Nickel
V1E180BR	V1E580BR	Polished Brass
V1E1800RB	V1E5800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

135 Degree Glass-to-Glass Hinge



MODEL V1E045
Factory set for standard closing position

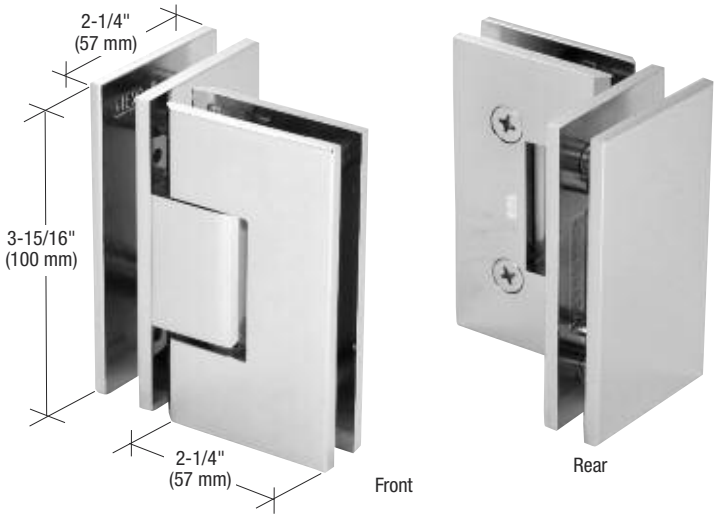
PHOTO GALLERY
crlaurence.com

CAT. NO.	FINISH
V1E045CH	Polished Chrome
V1E045BN	Brushed Nickel
V1E045PN	Polished Nickel
V1E045BR	Polished Brass
V1E0450RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

90 Degree Glass-to-Glass Hinge



MODEL V1E092
Factory set for standard closing position



Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
V1E092CH	Polished Chrome
V1E092BN	Brushed Nickel
V1E092PN	Polished Nickel
V1E092BR	Polished Brass
V1E0920RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Vienna Series Adjustable Hinges

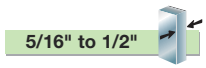
- **Ideal for Use When Door Does Not Meet Wall or Adjoining Glass Panel at Standard Angle**
- **Allows Adjustability Up to 90 Degrees From Standard Closing Position**
- **Adjustability Made Easy By Loosening and Tightening of Allen Set Screws After Installation**
- **Many Popular Stock Finishes, With Custom Finishes Available on Request**

CE
Certification
(See Page SD001)

MORE INFORMATION
crlaurence.com

3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS



The Vienna Adjustable Series has taken our popular Vienna Hinge to a new level. Adjustment to accommodate the desired angle (up to 90 degrees) is done after the door is hung. Simply loosen the Allen set screws and turn the door to the desired closed position. By merely tightening the Allen screws your door will self-center to the desired closed position. The door can swing 90 degrees inward and 90 degrees outward (adjusting angle from factory set position will reduce 90 degree swing in that direction). For doors pulling outwards only (using a clear door jamb), you can adjust the hinge to close 5 degrees inside the shower area, thus having the door close snugly against the jamb.

*MAXIMUM CAPACITIES	5/16", 3/8", AND 1/2" (8, 10, AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	110 lbs/45 kg	36"/914 mm
Using Three Hinges	140 lbs/45 kg	36"/914 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass

Special Feature: Adjustable to any angle up to 90 degrees without having to take the door down

NOTE: Door glass width may require alteration from standard clearance deductions when adjusting angles. Call for details.

Material: Solid Brass

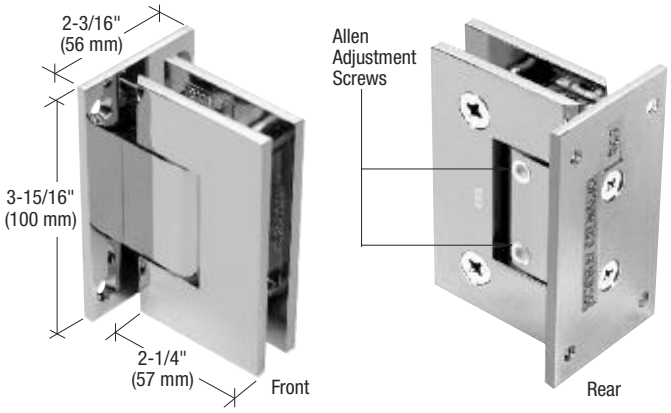
Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. V1E13 Gaskets must be ordered.

Wall Mount Full Back Plate Adjustable Hinge



MORE FINISHES
crlaurence.com

MODEL V1E337

Opens up to 90 degrees outwards and inwards

CAT. NO.	FINISH
V1E337CH	Polished Chrome
V1E337BN	Brushed Nickel
V1E337PN	Polished Nickel
V1E337BR	Polished Brass
V1E3370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Adjustable Hinge

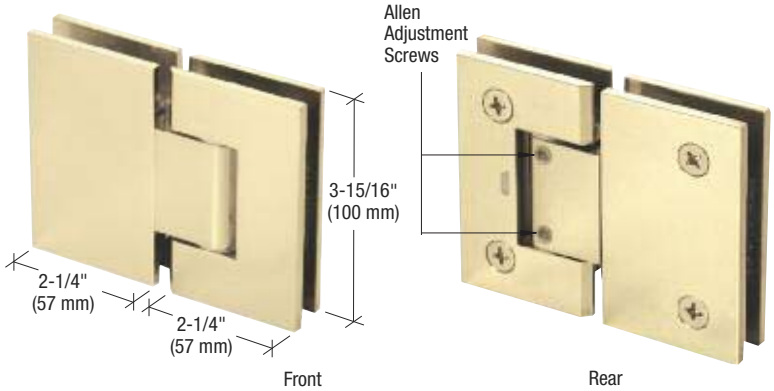


PHOTO GALLERY
crlaurence.com

MODEL V1E380

Opens up to 90 degrees outwards and inwards

CAT. NO.	FINISH
V1E380CH	Polished Chrome
V1E380BN	Brushed Nickel
V1E380PN	Polished Nickel
V1E380BR	Polished Brass
V1E3800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Vienna Series "Positive Close" Hinges

- Special Grooved Internal Pivot Pin Allows Positive and Precise Closing Action
- Stocked in Wall Mount and 180 Degree Glass-to-Glass Models
- Stocked in the Four Most Popular Finishes
- Other Finishes Available Upon Special Order

CE
Certification
(See Page SD001)

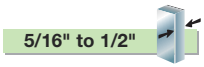


SPECIFICATIONS:

Glass Thickness Range: 5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass
Construction: Solid Brass
Hinge Swings: 90 Degrees Inwards and Outwards
Closing Type: Self-Centering When Within 15 Degrees of Closed Position
Cut-Out Required
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions
NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only.
If using 5/16" (8 mm) glass, Cat. No. V1E13 Gaskets must be ordered.







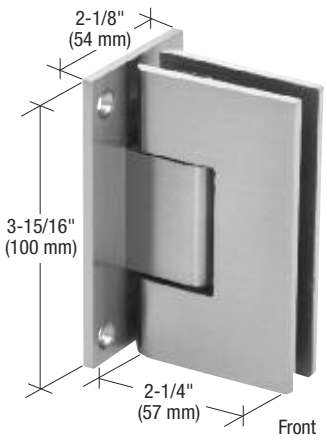
MORE FINISHES
crlaurence.com

*MAXIMUM CAPACITIES	5/16", 3/8", AND 1/2" (8, 10, AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	110 lbs/45 kg	36"/914 mm
Using Three Hinges	140 lbs/45 kg	36"/914 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

The Vienna "Positive Close" Hinge contains an internal grooved pivot pin that allows the door a precise and positive closing action. This is a different closing action than the typical self-centering Vienna Hinges. Stocked in our four most popular finishes, and available in other finishes upon special order.

Wall Mount Full Back Plate Hinge



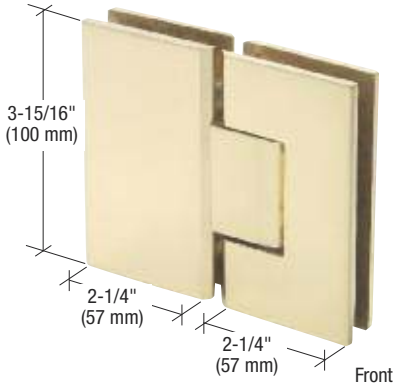


MODEL V1E067
Factory set for positive closing to 0 degrees

CAT. NO.	FINISH
V1E067CH	Polished Chrome
V1E067BN	Brushed Nickel
V1E067BR	Polished Brass
V1E0670RB	Oil Rubbed Bronze

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Hinge





MODEL V1E780
Factory set for positive closing to 0 degrees

CAT. NO.	FINISH
V1E780CH	Polished Chrome
V1E780BN	Brushed Nickel
V1E780BR	Polished Brass
V1E7800RB	Oil Rubbed Bronze

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cologne Series Hinges

- Sister Hinge to the Popular Vienna Series, Utilizing the Same Internal Mechanism
- Attractive Radius Corners and Beveled Edges
- Utilize CRL Standard "Mouse-Ear" Cut-Out, or Optional "Rectangular" Cut-Out

CE Certification (See Page SD001)

3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com

5/16" to 1/2"

SPECIFICATIONS:

Glass Thickness Range: 5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass

Material: Solid Brass

Hinge Swings: 90 Degrees Inwards and Outwards

Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required: Except Model C0L092 which requires cut-out in door and holes in fixed panel

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. C0L13 Gaskets must be ordered.

ALL COLOGNE HINGES EXCEPT C0L044 AND C0L544 MODELS

*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS		1/2" (12 MM) GLASS	
	WEIGHT	DOOR WIDTH	WEIGHT	DOOR WIDTH
Using Two Hinges	110 lbs/50 kg	36"/914 mm	110 lbs/50 kg	36"/914 mm
Using Three Hinges	140 lbs/63 kg	36"/914 mm	140 lbs/63 kg	36"/914 mm

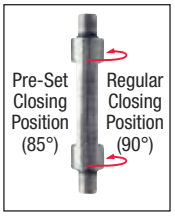
* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

FOR C0L044 AND C0L544 MODELS ONLY

*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS		1/2" (12 MM) GLASS	
	WEIGHT	DOOR WIDTH	WEIGHT	DOOR WIDTH
Using Two Hinges	100 lbs/45 kg	34"/864 mm	100 lbs/45 kg	32"/813 mm
Using Three Hinges	130 lbs/59 kg	34"/864 mm	130 lbs/59 kg	32"/813 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

Cologne Hinges are similar to the popular Vienna Hinges, but with one change: They have radius corners and beveled edges to provide a sleek appearance. Two strategically placed steel pins inside the hinge provide template options. For the safety of "mouse-ears" type cut-outs, the two steel pins should be left in place. This allows the Cologne Hinge to be used with it's own CRL "mouse-ears" cut-out. On the other hand, to enable increased adjustability, the two pins can be removed. This allows the Cologne Hinge to fit it's own CRL rectangular shaped, square cornered cut-out.



STANDARD REVERSIBLE PIVOT PIN

Each Cologne Hinge contains a Reversible Pivot Pin. One side of the Pin is marked at 90 degrees. The opposite side of the Pin is marked 85 degrees. Standard Cologne Hinges come with the 90 degree side activated.

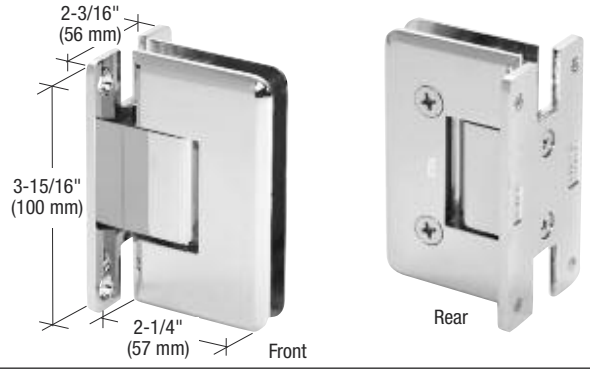


Custom Pivot Pin
CAT. NO. V1EP1N

CUSTOM PIVOT PIN

Custom Pivot Pins are available to accommodate "off-angle" installations. As an example, you may encounter a wall that will not meet your door at 90 degrees. If the standard 5 Degree Pivot Pin contained in the hinge does not assist in closing the door to the position desired, you may specify the angle needed for a Custom Pivot Pin (up to 45 degrees).

Wall Mount Full Back Plate Hinge



Stocked in two models:

Standard
MODEL C0L037
Factory set for standard closing position

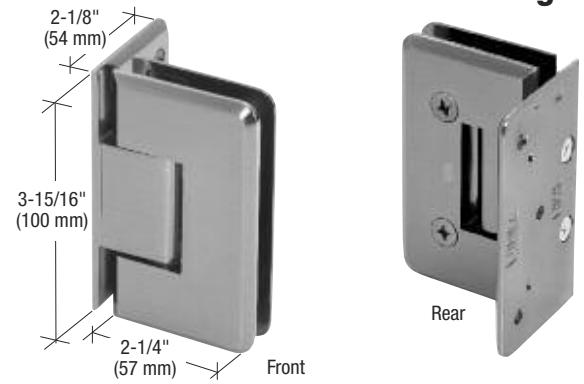
5 Degree Pre-Set
MODEL C0L537
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
C0L037CH	C0L537CH	Polished Chrome
C0L037BN	C0L537BN	Brushed Nickel
C0L037PN	---	Polished Nickel
C0L037BR	C0L537BR	Polished Brass
C0L0370RB	C0L5370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Wall Mount Offset Back Plate Hinge



Stocked in two models:

Standard
MODEL C0L044
Factory set for standard closing position

5 Degree Pre-Set
MODEL C0L544
Factory set for 5 degree tighter closure into shower interior

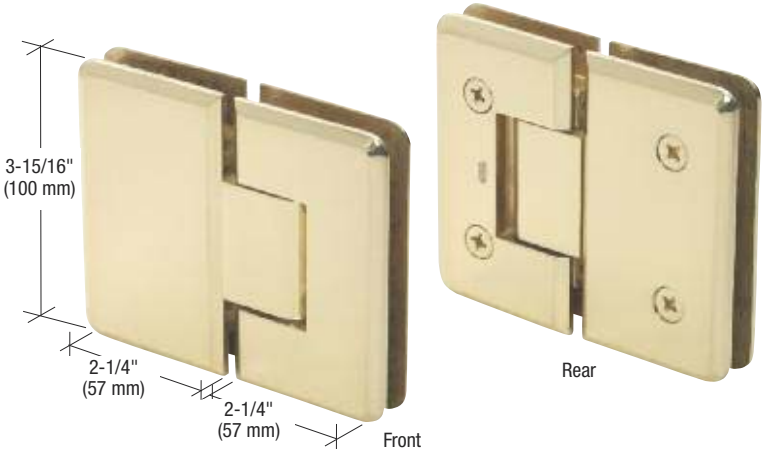
STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
C0L044CH	C0L544CH	Polished Chrome
C0L044BN	C0L544BN	Brushed Nickel
C0L044PN	---	Polished Nickel
C0L044BR	---	Polished Brass
C0L0440RB	C0L5440RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

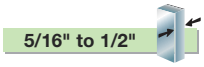
CRL Cologne Series Hinges

180 Degree Glass-to-Glass Hinge



USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com



MODEL C0L180

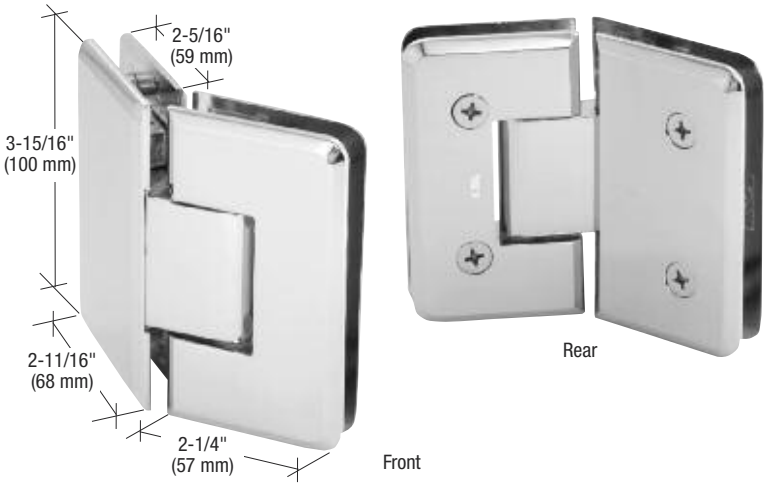
Opens up to 90 degrees outwards and inwards

CAT. NO.	FINISH
C0L180CH	Polished Chrome
C0L180BN	Brushed Nickel
C0L180PN	Polished Nickel
C0L180BR	Polished Brass
C0L1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

135 Degree Glass-to-Glass Hinge



MODEL C0L045

Opens up to 90 degrees outwards and inwards



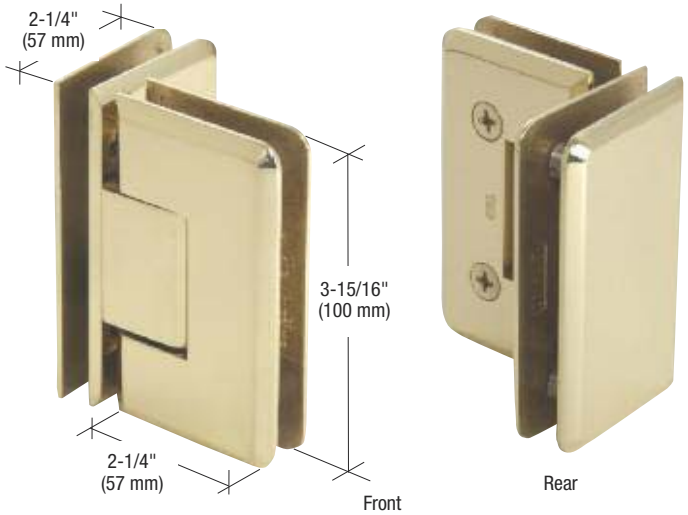
Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
C0L045CH	Polished Chrome
C0L045BN	Brushed Nickel
C0L045PN	Polished Nickel
C0L045BR	Polished Brass
C0L0450RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

90 Degree Glass-to-Glass Hinge



MODEL C0L092

Opens up to 90 degrees outwards and inwards



Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

CAT. NO.	FINISH
C0L092CH	Polished Chrome
C0L092BN	Brushed Nickel
C0L092PN	Polished Nickel
C0L092BR	Polished Brass
C0L0920RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Cologne Series Adjustable Hinges

MORE FINISHES crlaurence.com

- **Ideal for Use When Door Does Not Meet Wall or Adjoining Glass Panel at Standard Angle**
- **Allows Adjustability Up to 90 Degrees From Standard Closing Position**
- **Adjustability Made Easy By Loosening and Tightening of Allen Set Screws After Installation**

CE
Certification
(See Page SD001)

3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS

5/16" to 1/2"

The Cologne Adjustable Series has taken our popular Cologne Hinge to a new level. Adjustment to accommodate the desired angle (up to 90 degrees) is done after the door is installed. Once the door is hung, simply loosen the Allen set screws and turn the door to the desired closed position. By merely tightening the Allen screws your door will self-center to the desired angle. The door can swing 90 degrees inward and 90 degrees outward (adjusting angle from factory set position will reduce 90 degree swing in that direction). For doors pulling outwards only (using a clear door jamb), you can adjust the hinge to close 5 degrees inside the shower area, thus having the door close snugly against the jamb.

*MAXIMUM CAPACITIES	5/16", 3/8", AND 1/2" (8, 10, AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	110 lbs/50kg	36"/914 mm
Using Three Hinges	140 lbs/63kg	36"/914 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm) Tempered Safety Glass

Special Feature: Adjustable to any angle up to 90 degrees without having to take the door down

NOTE: Door glass width may require alteration from standard clearance deductions when adjusting angles. Call for details.

Material: Solid Brass

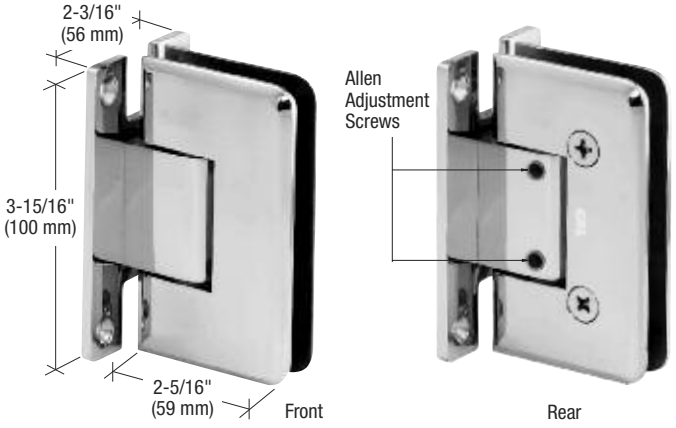
Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. C0L13 Gaskets must be ordered.

Wall Mount Full Back Plate Adjustable Hinge



MODEL C0L337

Opens up to 90 degrees outwards and inwards

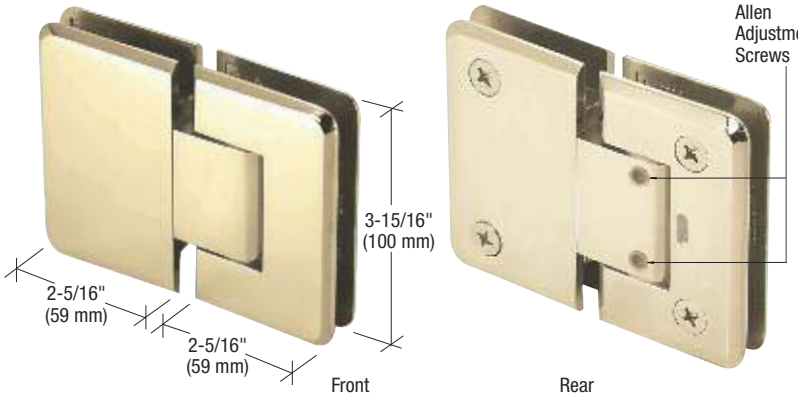
PHOTO GALLERY crlaurence.com

CAT. NO.	FINISH
C0L337CH	Polished Chrome
C0L337BN	Brushed Nickel
C0L337PN	Polished Nickel
C0L337BR	Polished Brass
C0L3370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Adjustable Hinge



MODEL C0L380

Opens up to 90 degrees outwards and inwards

See our line of matching Beveled Style Glass Clamps on pages SD127 to SD130.

CAT. NO.	FINISH
C0L380CH	Polished Chrome
C0L380BN	Brushed Nickel
C0L380BR	Polished Brass
C0L3800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Concord Series Hinges

• CRL's First Shower Door Hinge, Rich in Tradition

These beautifully finished, solid brass forged Concord Hinges make it possible to mount 3/8" to 1/2" (10 to 12 mm) thick glass shower doors without surrounding frames. Their heavy-duty stainless steel springs allow the door to swing 90 degrees in and 90 degrees out. A friction cam allows the door to be firmly maintained in any position, except when within 15 degrees of the closed position, where they are tapered to assist in centering the door.

3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES crlaurence.com



CE
Certification
(See Page SD001)

*MAXIMUM CAPACITIES	3/8" AND 1/2" (10 AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	28"/711 mm
Using Three Hinges	120 lbs/54 kg	34"/864 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

SPECIFICATIONS:

Glass Thickness Range: 3/8" to 1/2" (10 to 12 mm) Tempered Safety Glass

Special Feature: Our Original Hinge Offers Years of Reliability and Elegance

Construction: Solid Brass

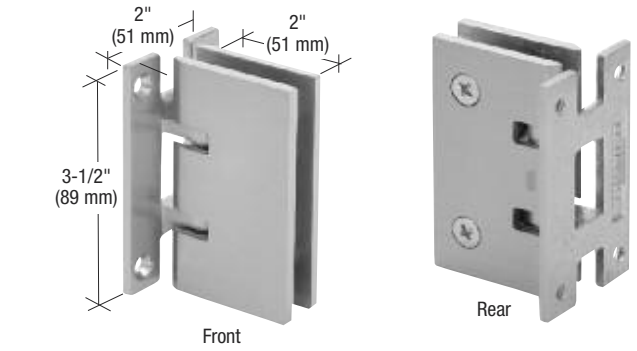
Hinge Swings: 90 Degrees Inwards and Outwards

Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

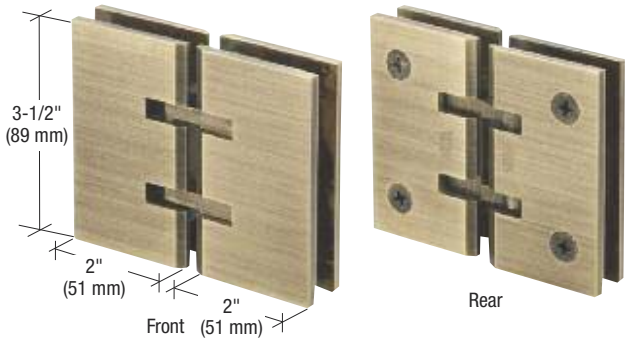
Wall Mount Full Back Plate Hinge



CAT. NO.	FINISH
SDH037CH	Polished Chrome
SDH037BN	Brushed Nickel
SDH037PN	Polished Nickel
SDH037BR	Polished Brass
SDH0370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

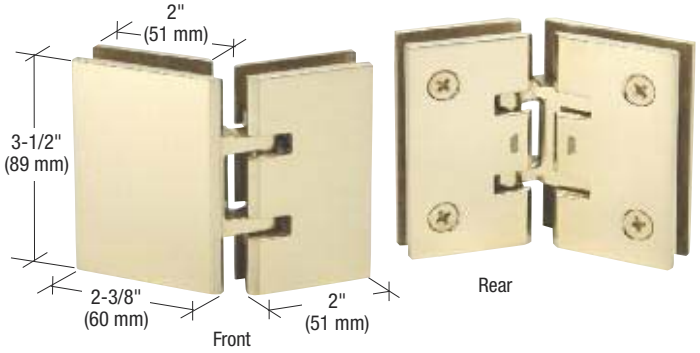
180 Degree Glass-to-Glass Hinge



CAT. NO.	FINISH
SDH180CH	Polished Chrome
SDH180BN	Brushed Nickel
SDH180PN	Polished Nickel
SDH180BR	Polished Brass
SDH1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

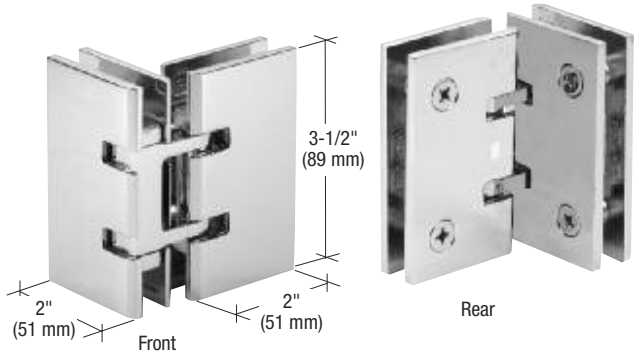
135 Degree Glass-to-Glass Hinge



CAT. NO.	FINISH
SDH135CH	Polished Chrome
SDH135BN	Brushed Nickel
SDH135PN	Polished Nickel
SDH135BR	Polished Brass
SDH1350RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

90 Degree Glass-to-Glass Hinge



CAT. NO.	FINISH
SDH090CH	Polished Chrome
SDH090BN	Brushed Nickel
SDH090PN	Polished Nickel
SDH090BR	Polished Brass
SDH0900RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order.
NOTE: All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Estate Series Hinges

- **Attractive and Modern Mitered Edges With Classical Curved Design**
- **Contains Same Internal Mechanism as Our Concord Series**
- **Solid Brass Forged Construction for Durability**
- **Numerous Stock Finishes, With Custom Finishes Available**

CE

Certification
(See Page SD001)

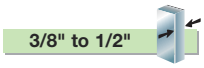
3 year WARRANTY



SPECIFICATIONS:

Glass Thickness Range: 3/8" to 1/2" (10 to 12 mm) Tempered Safety Glass
Special Feature: Our Original Hinge Offers Years of Reliability and Elegance
Construction: Solid Brass
Hinge Swings: 90 Degrees Inwards and Outwards.
Closing Type: Self-Centering When Within 15 Degrees of Closed Position
Cut-Out Required
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions





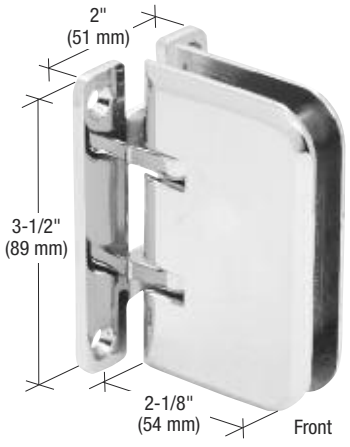
MORE MODELS crlaurence.com

*MAXIMUM CAPACITIES	3/8" AND 1/2" (10 AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	28"/711 mm
Using Three Hinges	120 lbs/54 kg	34"/864 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

Estate Hinges for 3/8" to 1/2" (10 to 12 mm) glass are a uniquely classic design combining mitered edges with curved corners. They are made of solid brass with stainless steel springs. Choose from the elegant Wall Mount Hinge or 90, 135, and 180 degree Glass-to-Glass styles. The self-centering action of the Estate Series Hinge allows the door to be maintained in any position, except within when 15 degrees of the closed position, where they are tapered to assist in centering the door.

Wall Mount Full Back Plate Hinge





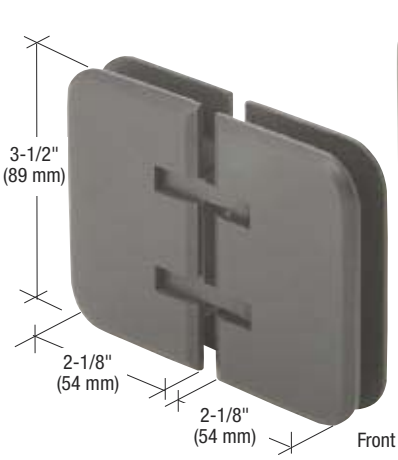
MODEL EST037
Opens up to 90 degrees outwards and inwards

CAT. NO.	FINISH
EST037CH	Polished Chrome
EST037BN	Brushed Nickel
EST037PN	Polished Nickel
EST037BR	Polished Brass
EST0370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Hinge





MODEL EST180
Opens up to 90 degrees outwards and inwards

CAT. NO.	FINISH
EST180CH	Polished Chrome
EST180BN	Brushed Nickel
EST180PN	Polished Nickel
EST180BR	Polished Brass
EST1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

CRL Atlas Series Hinge

3 year WARRANTY

- Ideal for Large Interior Doors
- Self-Centering Function
- Hold Open at 90 Degrees
- Easy Closed Position Adjustment for Double Door or Inline Panel Applications
- Available in Brushed Nickel, Brass, Chrome, and Oil Rubbed Bronze Finishes, as Well as Custom Finishes

This innovative CRL Atlas Series 'All-Glass' Door Hinge gives you the best of two worlds; minimal hardware and self-centering action, all wrapped up in a stylish, heavy-duty Hinge. Two of these double-acting Hinges will allow you to create 'all-glass' doors weighing up to 140 pounds (63.5 kg) with a maximum width of 39" (1 m). **NOTE:** Do not exceed two Hinges per door.

When fully opened, the CRL Atlas Series 'All-Glass' Door Hinge will hold open at 90 degrees. These Hinges offer easy to set custom closed positioning. The solid brass construction and stainless steel components make the CRL Atlas Series 'All-Glass' Door Hinge a natural for sauna or steam room applications, or any location that may involve excess moisture.



SPECIFICATIONS:

Glass Thickness Range: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Hinge Swings: 90 Degrees Inwards and Outwards

Closing Type: Self-Centering From 0 to 50 Degrees and Precise Closing to 0 Degrees

Special Feature: Holds Open at 90 Degrees; Easy to Set Closed Position

Notch and Hole Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

- Both Spring Tension and Closing Position are Easy to Adjust



Adjusting the Spring Tension



Adjusting the Closing Position



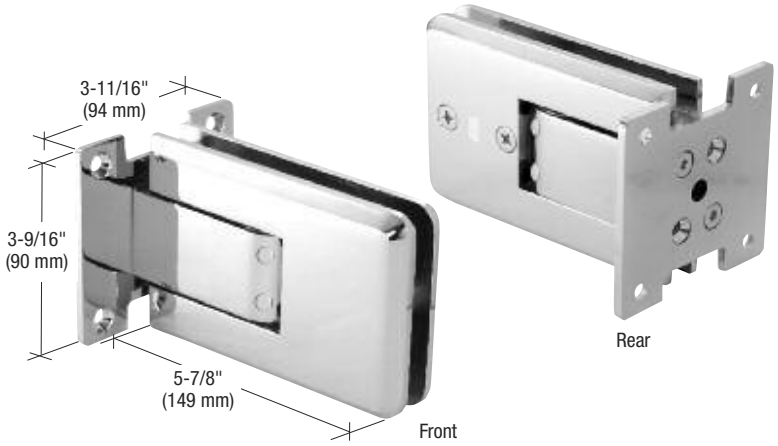


MORE INFORMATION crlaurence.com

*MAXIMUM CAPACITIES	5/16" TO 1/2" (8 TO 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	140 lbs/63.5 kg	39"/1 m

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges. Do not exceed two hinges per door.

Wall Mount Full Back Plate Hinge



MODEL ATL01
Opens up to 90 degrees outwards and inwards



Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
ATL01CH	Polished Chrome
ATL01BN	Brushed Nickel
ATL01BR	Polished Brass
ATL010RB	Oil Rubbed Bronze

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Elite Series Hinges

- **Excellent Choice for Wider and Heavier Doors**
- **Offers Mounting Options for Design Flexibility**
- **Contains Reversible Pivot Pin**

3 year WARRANTY

CE
Certification
(See Page SD001)



SPECIFICATIONS:

Glass Thickness Range: 3/8" to 1/2" (10 to 12 mm) Tempered Safety Glass
Special Feature: Has the ability to be side mounted at the top and bottom corners of the door, or anywhere in between. Corner mounting allows more glass exposure.
Material: Solid Brass
Hinge Swings: 90 Degrees Inwards and Outwards
Closing Type: Self-Centering When Within 15 Degrees of Closed Position
Cut-Out and Hole Required
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions





SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

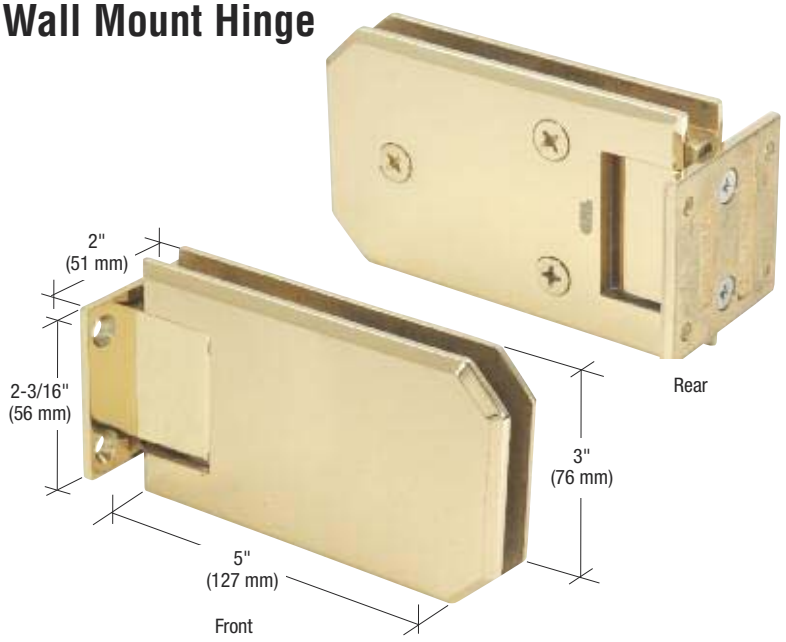
*MAXIMUM CAPACITIES	3/8" AND 1/2" (10 AND 12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	95 lbs/43 kg	34"/864 mm
Using Three Hinges	140 lbs/64 kg	38"/965 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

MORE INFORMATION crlaurence.com

The Elite Series is a premium hinge for wider and heavier glass doors. Unlike most other hinges, the Elite can be side mounted on the top and bottom corners of the door, or anywhere in between. Containing a positive three-screw clamping system, the Elite Hinge incorporates a cut-out and hole which eliminates slippage. The Elite features the same 5 Degree Reversible Pivot Pin used in our Geneva, Cathedral, Pinnacle, Roman, and Ultimate Series Hinges. It can also use the "GENP1N" Custom Pivot Pin (shown below) for "off-angle" installations.

Wall Mount Hinge





Custom Pivot Pin
CAT. NO. GENP1N
For "off-angle" installations. See page SD008 for details

MODEL ELT074
Opens up to 90 degrees outwards and inwards

MORE FINISHES crlaurence.com

CAT. NO.	FINISH
ELT074CH	Polished Chrome
ELT074BN	Brushed Nickel
ELT074PN	Polished Nickel
ELT074BR	Polished Brass
ELT0740RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Classique Series Hinges

CE Certification (See Page SD001)

3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com

5/16" to 3/8"

- **Rounded Design Sets it Apart From Many Traditional Style Hinges**
- **Offering Includes Attractive Wall Mount Offset Back Plate Model for Clean Sight Line**
- **Beveled Edges Lend Elegance to the Design**

The Classique Shower Door Hinge is a design apart from traditional hinges. Beautiful round design and beveled edges are the result of an artist's unique concept of the perfect hinge for décors with curved and contoured influences. There are five distinct models, including a Wall Mount Offset Back Plate Hinge for clean exterior sight lines. The Classique's beveled edges make an excellent presentation of sleek design, while the solid brass construction ensures superior quality and long life.

SPECIFICATIONS:

Glass Thickness Range: 5/16" to 3/8" (8 to 10 mm) Tempered Safety Glass

Material: Solid Brass

Hinge Swings: 90 Degrees Inwards and Outwards

Closing Type: Precise Close to 0 Degrees

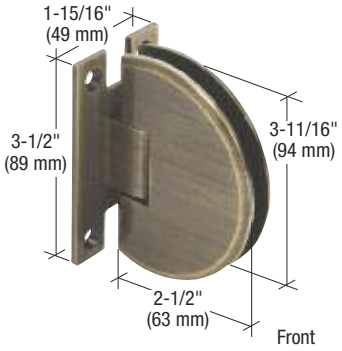
Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	31"/787 mm
Using Three Hinges	120 lbs/54 kg	34"/864 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

Wall Mount Full Back Plate Hinge




Rear

MODEL CLA037

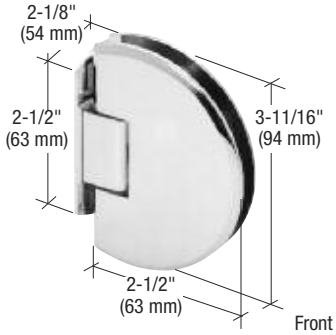
Opens up to 90 degrees outwards and inwards

CAT. NO.	FINISH
CLA037CH	Polished Chrome
CLA037BN	Brushed Nickel
CLA037PN	Polished Nickel
CLA037BR	Polished Brass
CLA0370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Wall Mount Offset Back Plate Hinge




Rear

MODEL CLA044

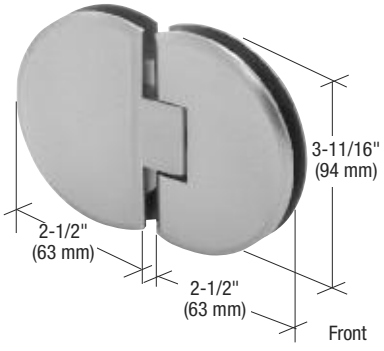
Opens up to 90 degrees outwards and inwards

CAT. NO.	FINISH
CLA044CH	Polished Chrome
CLA044BN	Brushed Nickel
CLA044PN	Polished Nickel
CLA044BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Hinge




Rear

MODEL CLA180

Opens up to 90 degrees outwards and inwards


Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
CLA180CH	Polished Chrome
CLA180BN	Brushed Nickel
CLA180BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Regal Series Adjustable Hinges

- **Adjustable to Suit "Off-Angle" Installations With a Simple Turn of an Allen Screw**
- **Adjustability Allows One Model of Hinge to Handle All Glass-to-Glass Installations**
- **Allows Continuous Vertical Water Seal**
- **Requires Holes Only, No Cut-Out**

CE
Certification
(See Page SD001)

MORE INFORMATION
crlaurence.com

3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS



The Regal Adjustable Hinge is unique in design and function. The Wall Mount requires only two holes in the door per hinge (no cut-out). The Glass-to-Glass Model only requires four holes per hinge (two in the door and two in the fixed panel). The Regal Hinge offers an adjustable closing angle from 0 degrees to 90 degrees. After the door is installed, simply loosen the Allen screw, move the door to the desired closed position, and tighten the Allen screw. You have now solved such problems as walls not meeting the door at the perfect 90 degree angle. This adjustment feature means that the single Glass-to-Glass model can accommodate angles from 90 to 180 degrees. When using vinyl sweeps to make the enclosure water resistant, the Regal Hinges allow you to run the sweep from the top to the bottom without interference, as the hinge is on the outside of the glass. Door swings 90 degrees outward only. A door stop is required when using this series of hinge.

*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	90 lbs/40 kg	30"/762 mm
Using Three Hinges	135 lbs/61 kg	34"/864 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

SPECIFICATIONS:

Glass Thickness Range:
5/16" to 3/8" (8 to 10 mm) Tempered Safety Glass

Construction: Solid Brass

Hinge Swings: Up to 90 Degrees Outward (Requires Stop)

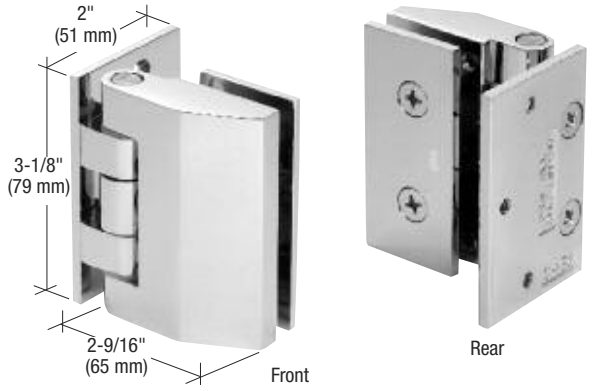
Closing Type: Precise Close to 0 Degrees

Two 5/8" (16 mm) Diameter Holes required per panel, per hinge, no cut-out

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Door glass width may require alteration from standard clearance deductions when adjusting angles. Call for Details.

Wall Mount Offset Back Plate Adjustable Hinge



MODEL REG037
Opens up to 90 degrees outward

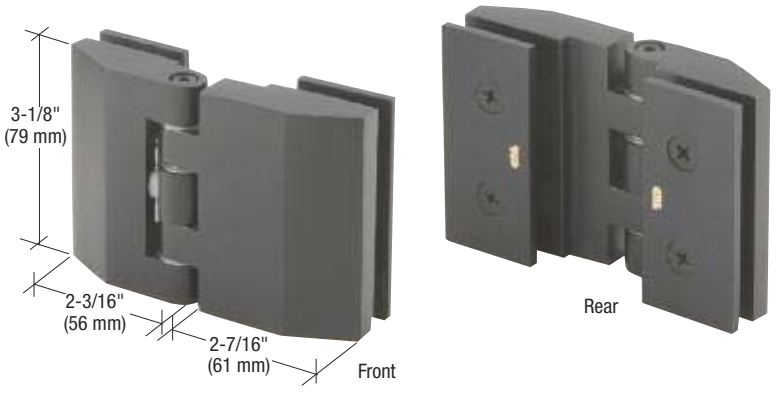
PHOTO GALLERY
crlaurence.com

CAT. NO.	FINISH
REG037CH	Polished Chrome
REG037BN	Brushed Nickel
REG037PN	Polished Nickel
REG037BR	Polished Brass
REG0370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Adjustable Hinge



- **Accommodates Angles From 90 to 180 Degrees**

MODEL REG180
Opens up to 90 degrees outward

CAT. NO.	FINISH
REG180CH	Polished Chrome
REG180BN	Brushed Nickel
REG180PN	Polished Nickel
REG180BR	Polished Brass
REG1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Zurich Series Hinges

- **Ideal for Bi-Folding Doors, Either Into Shower Enclosure or Out Into Bathroom Area**
- **Glass Fabrication Requires Holes Only**
- **Offered With Stainless Steel or Brass Construction**

3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION
crlaurence.com



The Zurich Series of professional Hinges were our first offering of bi-fold hinges. Using a combination of Wall Mount and Glass-to-Glass Styles, a bi-folding door can be created that either folds into the tub area, or folds out into the bathroom area. Bi-fold doors are popular for several applications, including ease of bathing young children, and handicapped accommodations. Hinge models feature stainless steel or brass construction (depending on the final finish), and are available in up to 13 popular stock finishes.

*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	100 lbs/45 kg	36"/914 mm
Using Three Hinges	150 lbs/68 kg	40"/1016 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

SPECIFICATIONS:

Glass Thickness Range: 5/16" to 3/8" (8 to 10 mm) Tempered Safety Glass

Special Feature: Ideal for Bi-Fold Application. For wall mounted bi-folds use ZUR01 and ZUR03 for doors that fold into tub area. Use ZUR02 and ZUR05 for doors that fold out to bathroom area.

Construction: Stainless Steel or Solid Brass

Hinge Swings: See description in title of hinges

Closing Type: Free-Swinging

Two Holes Required Per Panel (No Cut-Out)

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

180 Degree Glass-to-Glass Outswing or Bi-Fold Hinge





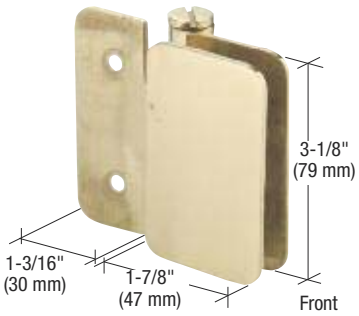
PHOTO GALLERY
crlaurence.com

CAT. NO.	FINISH
ZUR01PS	Polished Stainless Steel
ZUR01SS	Brushed Stainless Steel
ZUR01BN	Brushed Nickel
ZUR01PN	Polished Nickel
ZUR01BR	Polished Brass
ZUR010RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Wall Mount Inswing Hinge





CAT. NO.	FINISH
ZUR03PS	Polished Stainless Steel
ZUR03SS	Brushed Stainless Steel
ZUR03BN	Brushed Nickel
ZUR03BR	Polished Brass
ZUR030RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Glass-to-Glass Inline Outswing Hinge





CAT. NO.	FINISH
ZUR07PS	Polished Stainless Steel
ZUR07SS	Brushed Stainless Steel
ZUR07BN	Brushed Nickel
ZUR07PN	Polished Nickel
ZUR07BR	Polished Brass
ZUR070RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL HINGES FOR 5/16" TO 3/8" (8 TO 10 MM) GLASS

go to:
crlaurence.com/shower-hinges

CRL Zurich Series Hinges

180 Degree Glass-to-Glass Inswing or Bi-Fold Hinge

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES crlaurence.com

5/16" to 3/8"

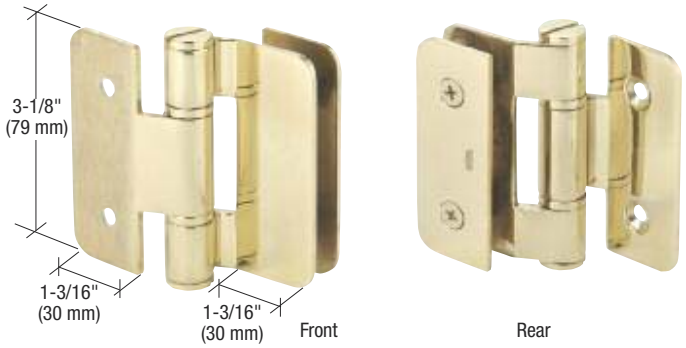


CAT. NO.	FINISH
ZUR02PS	Polished Stainless Steel
ZUR02SS	Brushed Stainless Steel
ZUR02BN	Brushed Nickel
ZUR02PN	Polished Nickel
ZUR02BR	Polished Brass
ZUR020RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Wall Mount Outswing Hinge

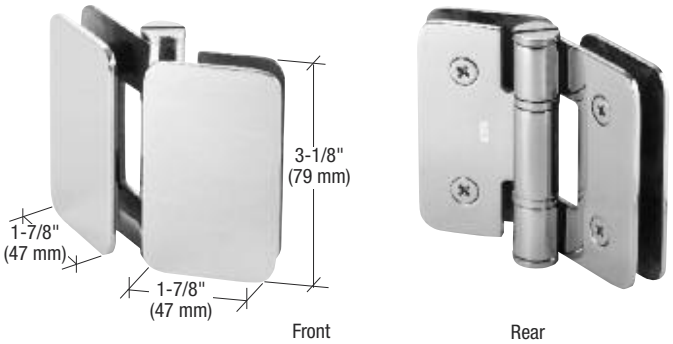


CAT. NO.	FINISH
ZUR05PS	Polished Stainless Steel
ZUR05SS	Brushed Stainless Steel
ZUR05BN	Brushed Nickel
ZUR05PN	Polished Nickel
ZUR05BR	Polished Brass
ZUR050RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Glass-to-Glass Inswing Hinge



SHOWERS online by CRL

Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

CAT. NO.	FINISH
ZUR04PS	Polished Stainless Steel
ZUR04SS	Brushed Stainless Steel
ZUR04BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Glass-to-Glass Outswing Hinge





Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
ZUR06PS	Polished Stainless Steel
ZUR06SS	Brushed Stainless Steel
ZUR06BP	Polished Brass Plated Stainless Steel
ZUR060RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL HINGES FOR 5/16" TO 3/8" (8 TO 10 MM) GLASS

go to:
crlaurence.com/**shower-hinges**

CRL Arctic Series Hinges

NOTE: Not Available in Europe

- **Unique Design for the Construction of Frameless Showers**
- **Glass-to-Glass Model Can Set Doors at 90, 135, 180 Degrees, or Anywhere in Between**
- **Constructed of Stainless Steel in Your Choice of Brushed or Polished Finishes**
- **Choice of Two Mounting Options; Glass-to-Glass and Glass-to-Wall**

SPECIFICATIONS:

Glass Thickness Range: 5/16" to 3/8" (8 to 10 mm) Tempered Safety Glass
Construction: Stainless Steel
Hinge Swings: Up to 90 Degrees Outward Rotation (Requires Stop)
Closing Type: Free Swinging
Two 1/2" (12 mm) Diameter Holes required per panel per hinge, no cut-out
Includes: Gaskets, Screws, and Glass Fabrication Dimensions

3 year WARRANTY





MORE INFORMATION crlaurence.com

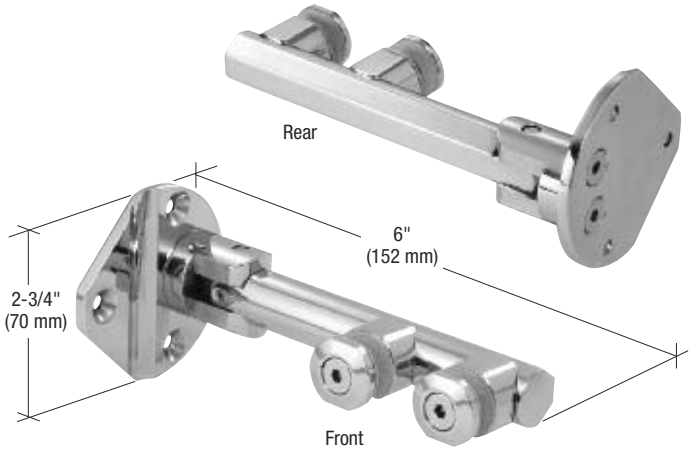
*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	90 lbs/40 kg	36"/914 mm
Using Three Hinges	135 lbs/61 kg	36"/914 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.



Constructed of stainless steel, the Arctic Hinge comes in Glass-to-Glass and Glass-to-Wall models. Both are intended for use with 5/16" to 3/8" (8 to 10 mm) tempered safety glass. Neither requires that the glass be notched, only that each glass panel have two 1/2" (12 mm) holes drilled for the through-bolts. The body of the Arctic Hinge is all stainless steel with a pivot point that swings a full 90 degrees outward. A door stop is required when using this series of hinge.

Wall Mount Hinge

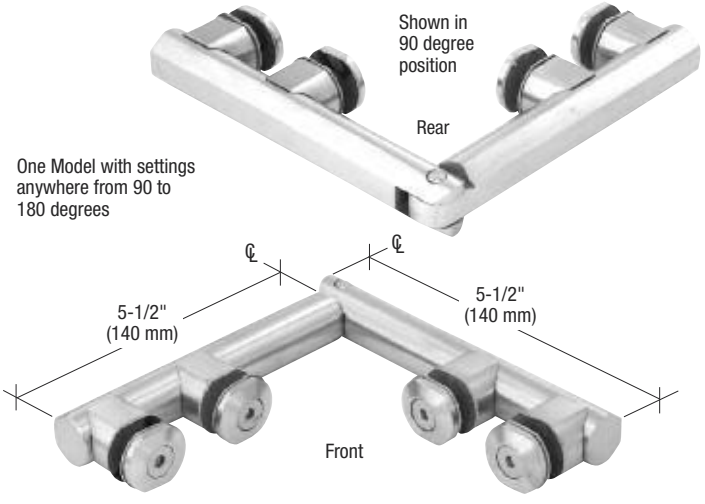


MODEL ARC044
Opens up to 90 degrees outwards

CAT. NO.	FINISH
ARC044PS	Polished Stainless
ARC044BS	Brushed Stainless

Minimum order: 1 each. All Hinges can be combined for quantity pricing. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Glass-to-Glass Hinge



MODEL ARC180
Opens up to 90 degrees outwards

CAT. NO.	FINISH
ARC180PS	Polished Stainless
ARC180BS	Brushed Stainless

Minimum order: 1 each. All Hinges can be combined for quantity pricing. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL HINGES FOR 5/16" TO 3/8" (8 TO 10 MM) GLASS

CRL Sydney Series Hinges

- Our Spider Type Design for the Construction of Frameless Showers
- Choice of Two Mounting Options: Glass-to-Glass and Glass-to-Wall
- Glass-to-Glass Model has Settings at 90, 135 or 180 Degrees
- Constructed of 316 Stainless Steel in Your Choice of Brushed or Polished Finishes

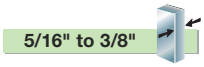
3 year WARRANTY



SPECIFICATIONS:

Glass Thickness Range: 5/16" to 3/8" (8 to 10 mm) Tempered Safety Glass
Construction: 316 Stainless Steel
Hinge Swings: Up to 90 Degrees Outwards (Requires Stop)
Closing Type: Precise Closing to 0 Degrees
Two 5/8" (16 mm) Diameter Holes required per panel per hinge, no cut-out
Includes: Gaskets, Screws, and Glass Fabrication Dimensions
NOTE: Spanner Wrench Cat. No. SW19 Sold Separately.





MORE INFORMATION crlaurence.com

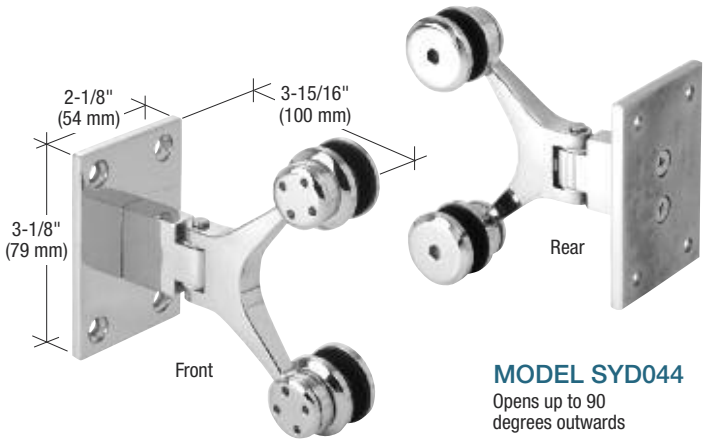
*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	80 lbs/36 kg	28"/711 mm
Using Three Hinges	120 lbs/54 kg	34"/864 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

For a unique design in Frameless Shower Door Hinges, look no further than our Sydney Series. The "Spider Type" design is certain to give the frameless shower door a different look that will surely be noticed. Constructed of durable 316 stainless steel, Sydney Hinges are available in Wall-to-Glass and Glass-to-Glass models. The Glass-to-Glass model offers three settings at 90, 135, and 180 degrees. For doors falling in between these common installation angles, the springs may be removed to allow a "free-swinging" hinge.

Two holes are required per hinge for each panel to accommodate the through-bolts, with no cut-out necessary. The 316 stainless steel body of the Sydney Hinge allows the door to swing 90 degrees outward. Hinges are tightened using Cat. No. SW19 Spanner Wrench (sold separately). Polished Stainless Steel and Brushed Stainless Steel finishes are offered.

Wall Mount Hinge

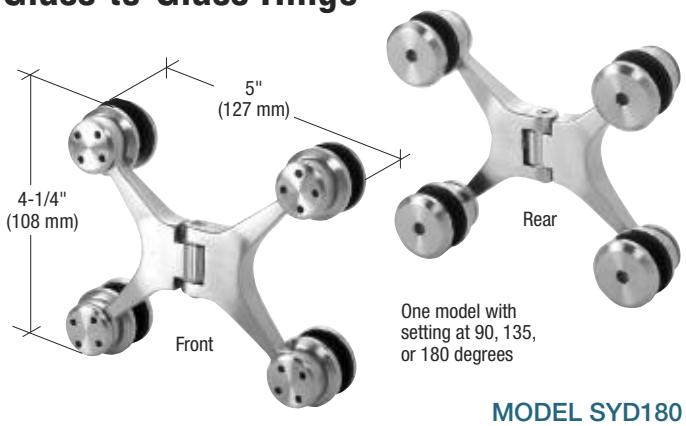


MODEL SYD044
Opens up to 90 degrees outwards

CAT. NO.	FINISH
SYD044PS	Polished Stainless
SYD044BS	Brushed Stainless

Minimum order: 1 each. All Hinges can be combined for quantity pricing. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Glass-to-Glass Hinge



MODEL SYD180
Opens up to 90 degrees outwards

CAT. NO.	FINISH
SYD180PS	Polished Stainless
SYD180BS	Brushed Stainless

Minimum order: 1 each. All Hinges can be combined for quantity pricing. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Petite Series Wall Mount Hinges

- **Four Wall Mount Styles and Five Glass-to-Glass Styles Allow Virtually Any Design**
- **Mitered Edges With Curved Corners for a Chiseled Appearance**
- **Thicker Hinge Plates Reduce Deflection and Provide Excellent Holding Power**
- **Many Popular Stock Finishes, With Custom Finishes Available**

CE

Certification
(See Page SD001)



SPECIFICATIONS:

Glass Thickness Range: 1/4" to 5/16" (6 to 8 mm) Tempered Safety Glass
Material: Solid Brass
Hinge Swings: 90 Degrees Inwards and Outwards
Closing Type: Precise Closing to 0 Degrees
Cut-Out Required, Except PET181 and PET182, Which Require Holes Only
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

3 year WARRANTY





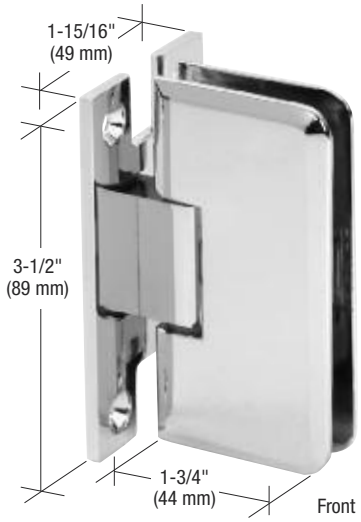
*MAXIMUM CAPACITIES	1/4" AND 5/16" (6 AND 8 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	55 lbs/25 kg	31"/787 mm
Using Three Hinges	82 lbs/37 kg	34"/864 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

PHOTO GALLERY
crlaurence.com

The Petite Series provides a complete spectrum of hinges for frameless shower doors using 1/4" to 5/16" (6 to 8 mm) tempered safety glass. Developed to allow virtually every application configuration, they deliver design freedom. The Petite Series includes three distinctive types: the PET044 Wall Mount Flush Back Plate Hinge allows for a clean exterior sight line by having all the mounting screws inside the shower; the PET045 Glass-to-Wall Hinge is used to mount a door to a Wall at 45 degrees inwards; or the PET054 Glass-to-Wall Hinge at 45 degrees outward.

Wall Mount Full Back Plate Hinge



Front


Rear

MODEL PET037
Opens 90 degrees outwards and inwards

MORE CHOICES
crlaurence.com

CAT. NO.	FINISH
PET037CH	Polished Chrome
PET037BN	Brushed Nickel
PET037BR	Polished Brass
PET0370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

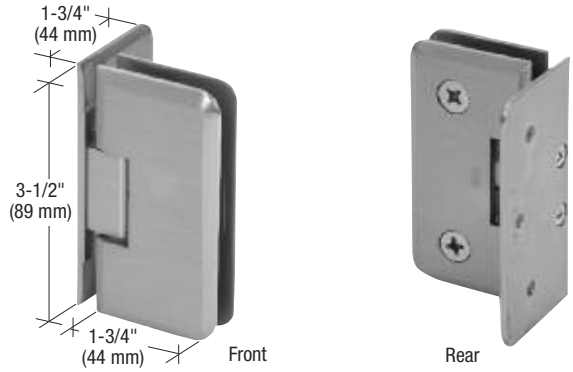
Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Petite Series Hinges

Wall Mount Offset Back Plate Hinge



USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com

1/4" to 5/16"

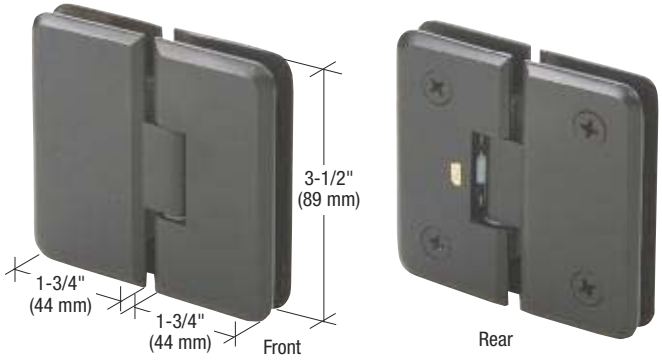
MODEL PET044
Opens 90 degrees
outwards and inwards

CAT. NO.	FINISH
PET044CH	Polished Chrome
PET044BN	Brushed Nickel
PET044PN	Polished Nickel
PET044BR	Polished Brass
PET0440RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

180 Degree Standard Glass-to-Glass Hinge



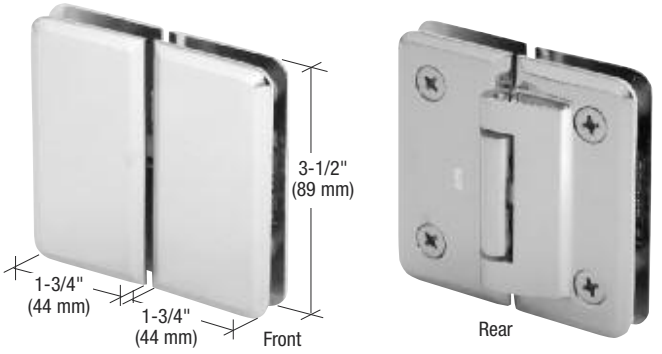
MODEL PET180
Opens 90 degrees
outwards and inwards

CAT. NO.	FINISH
PET180CH	Polished Chrome
PET180BN	Brushed Nickel
PET180BR	Polished Brass
PET1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

180 Degree Inswing Only Glass-to-Glass Hinge



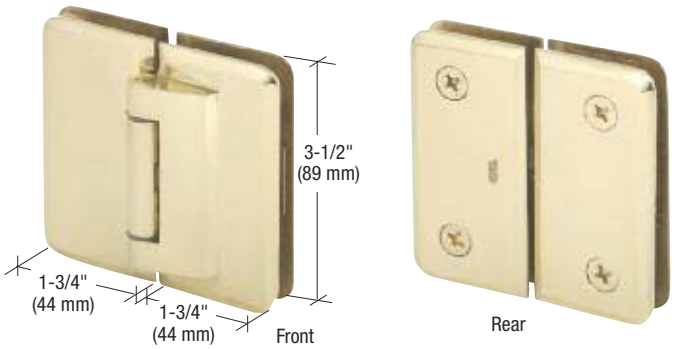
MODEL PET182
Opens 180 degrees inwards.
Door Stop must be used.
Requires holes only
(no cut-out necessary).

CAT. NO.	FINISH
PET182CH	Polished Chrome
PET182BN	Brushed Nickel
PET182BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

180 Degree Outswing Only Glass-to-Glass Hinge



MODEL PET181
Opens 180 degrees outwards.
Door Stop must be used.
Requires holes only
(no cut-out necessary).



Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
PET181CH	Polished Chrome
PET181BN	Brushed Nickel
PET181PN	Polished Nickel
PET181BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

CRL Junior Geneva Series Hinges

Certification
(See Page SD001)

- **Our Most Popular Hinge Series for 1/4" to 5/16" (6 to 8 mm) Thick Glass**
- **Choice of Models That Close to Standard Closing Position, or Models That Close 5 Degrees Further Into Shower Enclosure**
- **Reversible Pivot Pin Allows Installation Options**

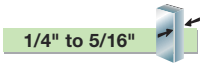


SPECIFICATIONS:

Glass Thickness Range: 1/4" to 5/16" (6 to 8 mm) Tempered Safety Glass
Construction: Solid Brass
Hinge Swings: 90 Degrees Inwards and Outwards
Closing Type: Self-Centering When Within 15 Degrees of Closed Position
Cut-Out Required
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

3 year WARRANTY



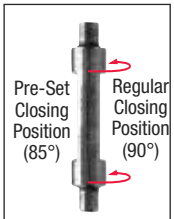


MORE FINISHES crlaurence.com

The same elegant European design that has made our Geneva Series so popular is available in a smaller version, the Junior Geneva, which offers flexibility of application. There are three Wall Mount Styles along with 90, 135, and 180 Degree Glass-to-Glass styles used to accommodate 1/4" to 5/16" (6 to 8 mm) thick glass. The Junior Geneva is self-centering and available in up to 10 stock finishes. They contain a Reversible Pivot Pin for optional 5 degree tighter door closure.

*MAXIMUM CAPACITIES	1/4" AND 5/16" (6 AND 8 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	62 lbs/28 kg	28"/711 mm
Using Three Hinges	92 lbs/42 kg	32"/813 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.



STANDARD REVERSIBLE PIVOT PIN

Each Junior Geneva Hinge contains a Reversible Pivot Pin. One side of the Pin is marked at 90 degrees. The opposite side of the Pin is marked 85 degrees. Junior Geneva Hinges come with the 90 degree side activated. Pre-Set Models come with the Pin pre-set for 85 degrees (5 degree tighter closure into shower interior). The Pin can be rotated (not flipped upside down) to activate the other side.

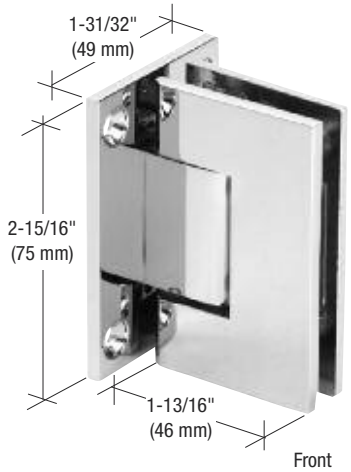


Custom Pivot Pin
CAT. NO.
JRGENP1N

CUSTOM PIVOT PIN

Custom Pivot Pins are available to accommodate "off-angle" installations. As an example, you may encounter a wall that will not meet your door at 90 degrees. If the standard 5 degree Pivot Pin contained in the hinge does not assist in closing the door to the position desired, you may specify the angle needed for a Custom Pivot Pin (up to 45 degrees).

Wall Mount Full Back Plate Hinge



Front



Rear

Stocked in two models:

Standard
MODEL JRG037
Factory set for standard closing position

5 Degree Pre-Set
MODEL JRG537
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
JRG037CH	JRG537CH	Polished Chrome
JRG037BN	JRG537BN	Brushed Nickel
JRG037BR	JRG537BR	Polished Brass
JRG0370RB	---	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

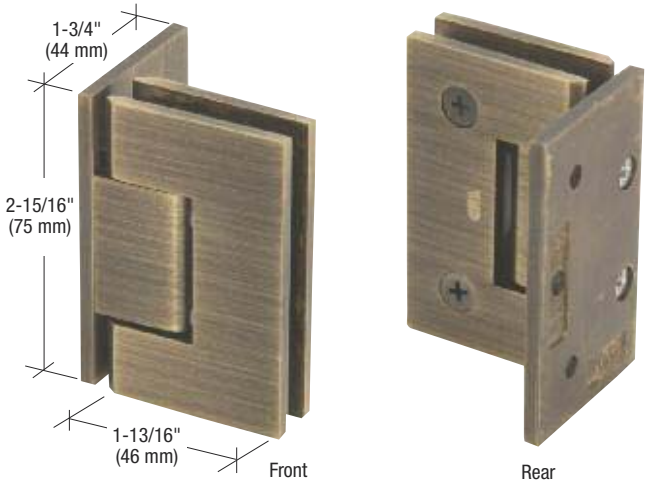
Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Junior Geneva Series Hinges

Wall Mount Offset Back Plate Hinge



USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com

1/4" to 5/16"

MODEL JRG044
Opens 90 degrees outwards and inwards

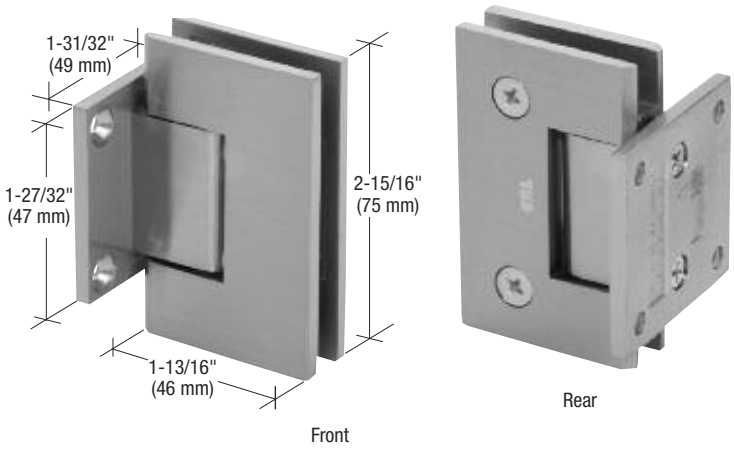
PHOTO GALLERY
crlaurence.com

CAT. NO.	FINISH
JRG044CH	Polished Chrome
JRG044BN	Brushed Nickel
JRG044PN	Polished Nickel
JRG044BR	Polished Brass
JRG0440RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Wall Mount Short Back Plate Hinge



Stocked in two models:

Standard
MODEL JRG074
Factory set for standard closing position

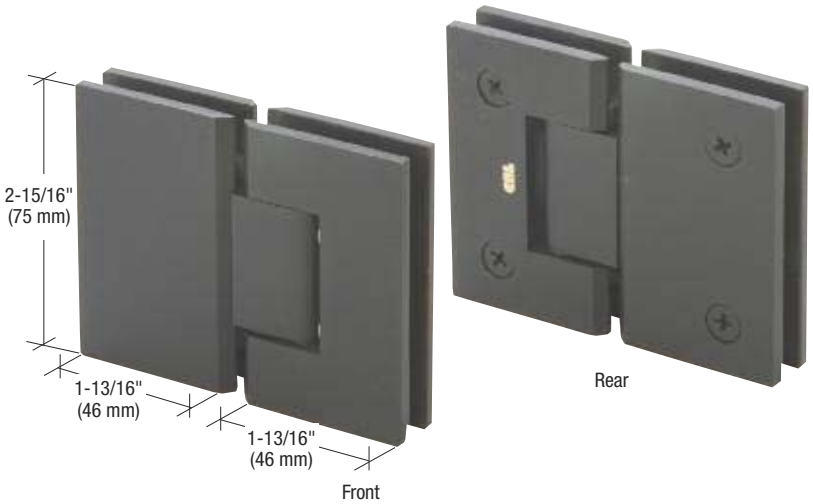
5 Degree Pre-Set
MODEL JRG574
Factory set for 5 degree tighter closure into shower interior

STANDARD WALL MOUNT CAT. NO.	5 DEGREE PRE-SET WALL MOUNT CAT. NO.	FINISH
JRG074CH	JRG574CH	Polished Chrome
JRG074BN	---	Brushed Nickel
JRG074BR	---	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

180 Degree Glass-to-Glass Hinge



Stocked in two models:

Standard
MODEL JRG180
Factory set for standard closing position

5 Degree Pre-Set
MODEL JRG580
Factory set for 5 degree tighter closure into shower interior

STANDARD 180 DEGREE GLASS-TO-GLASS CAT. NO.	5 DEGREE PRE-SET 180 DEGREE GLASS-TO-GLASS CAT. NO.	FINISH
JRG180CH	JRG580CH	Polished Chrome
JRG180BN	JRG580BN	Brushed Nickel
JRG180BR	---	Polished Brass
JRG1800RB	---	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Trianon Series Hinges

- **Radius Corners and Beveled Edges for a Modern Appeal**
- **Contains the Same Internal Mechanism as Our Popular Junior Geneva Series**
- **Features Reversible Pivot Pin**

CE
Certification
(See Page SD001)

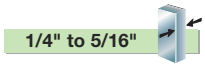


SPECIFICATIONS:

Glass Thickness Range: 1/4" to 5/16" (6 to 8 mm) Tempered Safety Glass
Material: Solid Brass
Hinge Swings: 90 Degrees Inwards and Outwards
Closing Type: Self-Centering When Within 15 Degrees of Closed Position
Cut-Out Required
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

3 year WARRANTY



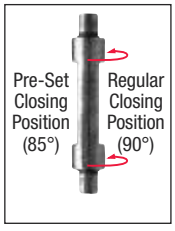


MORE MODELS crlaurence.com

Trianon Hinges can be used to support 1/4" to 5/16" (6 to 8 mm) thick tempered safety glass in swinging door installations. They feature radiused corners and beveled edges. Trianon Hinges are constructed of solid brass with a self-centering mechanism for door alignment when within 15 degrees of the center. They contain a Reversible Pivot Pin for optional 5 degree tighter door closure.

*MAXIMUM CAPACITIES	1/4" AND 5/16" (6 AND 8 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	62 lbs/28 kg	28"/711 mm
Using Three Hinges	92 lbs/42 kg	32"/813 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.



STANDARD REVERSIBLE PIVOT PIN

Each Trianon Hinge contains a Reversible Pivot Pin. One side of the Pin is marked at 90 degrees. The opposite side of the Pin is marked 85 degrees. Standard Trianon Hinges come with the 90 degree side activated. The Pin can be rotated (not flipped upside down) to activate the 85 degree side and achieve 5 degree closure into shower enclosure.

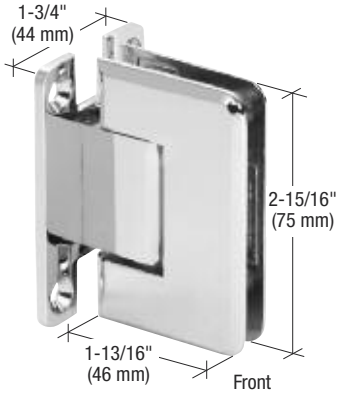


Custom Pivot Pin
CAT. NO.
JRGENP1N

CUSTOM PIVOT PIN

Custom Pivot Pins are available to accommodate "off-angle" installations. As an example, you may encounter a wall that will not meet your door at 90 degrees. If the standard 5 degree Pivot Pin contained in the hinge does not assist in closing the door to the position desired, you may specify the angle needed for a Custom Pivot Pin (up to 45 degrees).

Wall Mount Full Back Plate Hinge





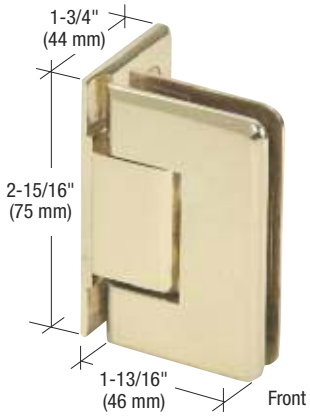
MODEL TR1037
Opens 90 degrees outwards and inwards

CAT. NO.	FINISH
TR1037CH	Polished Chrome
TR1037BN	Brushed Nickel
TR1037PN	Polished Nickel
TR1037BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Wall Mount Offset Back Plate Hinge





MODEL TR1044
Opens 90 degrees outwards and inwards

CAT. NO.	FINISH
TR1044CH	Polished Chrome
TR1044BN	Brushed Nickel
TR1044PN	Polished Nickel
TR1044BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

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From Anywhere in the U.S. or Canada

CRL US ALUMINUM



TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Senior Prima Series Hinges

• Senior Prima Hinge is Adaptable to Our Deluxe Header System Shown on Pages SD111-SD112 for Enclosures Not Going to the Ceiling

CE
Certification
(See Page SD001)



SPECIFICATIONS:

Glass Thickness Range: 1/2" (12 mm) Tempered Safety Glass

Special Features: Top and Bottom Mount allows more glass exposure. Can also save on glass fabrication costs when compared against use of Side Mount Glass-to-Glass Hinges requiring more cut-outs

Construction: Solid Brass

Hinge Swings: Full Rotation

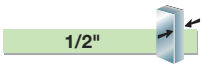
Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions









CAT. NO.
SRP1VP1N

Optional 5 Degree Pivot Pin Set (For Senior Prima Series)

(Option for 5 degree tighter door closure) Sold as a set. One for top hinge and one for bottom hinge.

PHOTO GALLERY
crlaurence.com

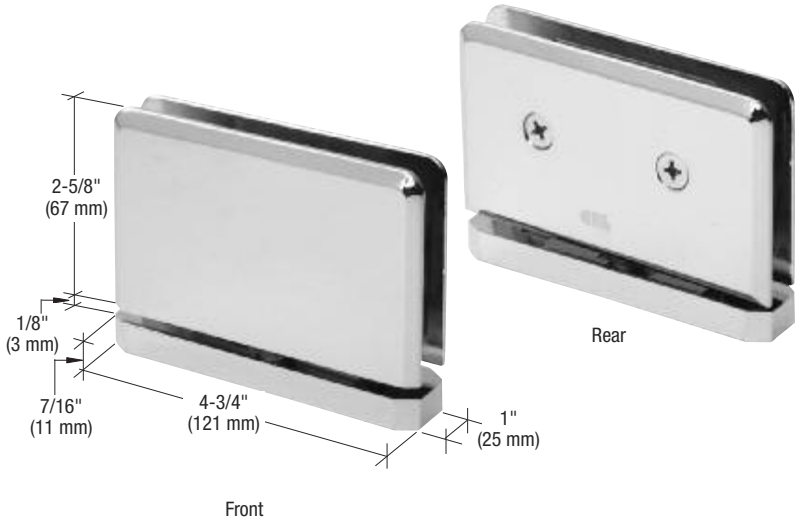
*MAXIMUM CAPACITIES	1/2" (12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	145 lbs/66 kg	36"/914 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

Advantages of Senior Prima Hinges include the fact that they carry the majority of the weight on the bottom, and have the ability to be inset from the wall, enabling clearance for towel bars and other projections. The Glass-to-Glass Mount Pivot Hinge is used for doors having fixed transoms. When placed vertically either style can be used in movable transom installations. These Pivot Hinges are self-centering, with four springs for maximum retention strength. The Senior Prima Series can be mounted floor and ceiling, and also is adaptable to our Deluxe Header System (see pages SD111-SD112).

Top or Bottom Mount Hinge

MORE FINISHES
crlaurence.com



• Ideal for Larger Shower Doors

Patent Number
5,297,313

CAT. NO.	FINISH
SRPPH01CH	Polished Chrome
SRPPH01BN	Brushed Nickel
SRPPH01PN	Polished Nickel
SRPPH01BR	Polished Brass
SRPPH010RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Senior Prima Series Hinges

E-Z Adjust Top Mount Hinge

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES crlaurence.com

1/2"



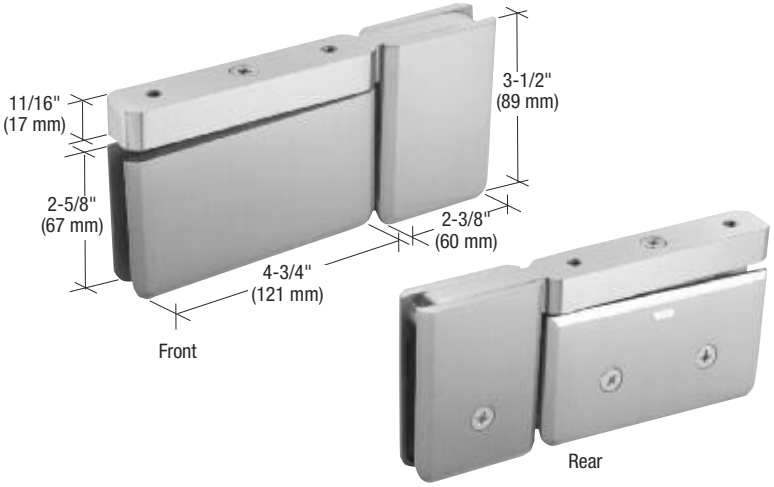
- Compatible Only With EZ-Adjust Header Shown on Page SD114 (Use Cat. No. SRPPH01 as Bottom Hinge)
- No Drilling Required to Install Hinge Into EZ-Adjust Header
- Adjustable Side-to-Side After Installing

CAT. NO.	FINISH
SRPPH06CH	Polished Chrome
SRPPH06BN	Brushed Nickel
SRPPH06BR	Polished Brass
SRPPH060RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Top or Bottom Mount 180 Degree Inline Hinges With Attached U-Clamp



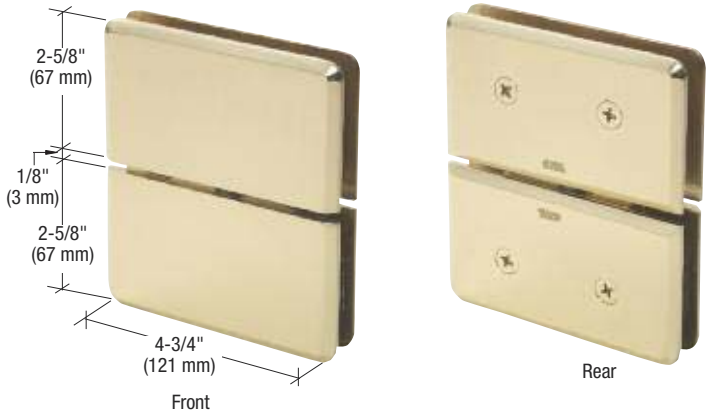
- Alternative to Using Traditional Header Systems
- See Design Criteria at crlaurence.com

CAT. NO.	FINISH
SRPPH07CH	Polished Chrome
SRPPH07BN	Brushed Nickel
SRPPH07PN	Polished Nickel
SRPPH07BR	Polished Brass
SRPPH070RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Glass-to-Glass Transom Hinge



- Ideal for Fixed Transoms Above Door

SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

CAT. NO.	FINISH
SRPPH02CH	Polished Chrome
SRPPH02BN	Brushed Nickel
SRPPH02PN	Polished Nickel
SRPPH02BR	Polished Brass
SRPPH020RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

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FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Prima Series Hinges

Patent Number
5,297,313

- **Patented Top and Bottom Mount Design Allows Aesthetically Pleasing Maximum Glass Exposure**
- **Can Be Inset From Edge of Door to Enable Clearance From Projecting Towel Bars or Other Fixtures**

CE
Certification
(See Page SD001)



SPECIFICATIONS:

Glass Thickness Range: 5/16" to 3/8" (8 to 10 mm) Tempered Safety Glass

Special Feature: Top and Bottom Mount design allows more glass to show. Use of these hinges can reduce quantity of cut-outs required when compared to standard side mount glass-to-glass hinges. Cat. No. PPH01 can be mounted floor and ceiling, or floor and header

Construction: Solid Brass

Hinge Swings: Full Rotation

Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out or Cut-Out Plus Holes Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

3 year WARRANTY







CAT. NO.
P1VP1N
(sold as set)

Optional 5 Degree Pivot Pin Set (For Prima Series)

Optional 5 Degree Pivot Pin Sets are available when you want to alter the closing position of the door by 5 degrees. These Pivot Pins may be inserted prior to installation, or retrofitted after the installation is complete. Sold as a set of two, one for the top, and one for the bottom. Not included with hinge purchase. Pre-Set 5 Degree Hinge models are available from stock (see page SD049).

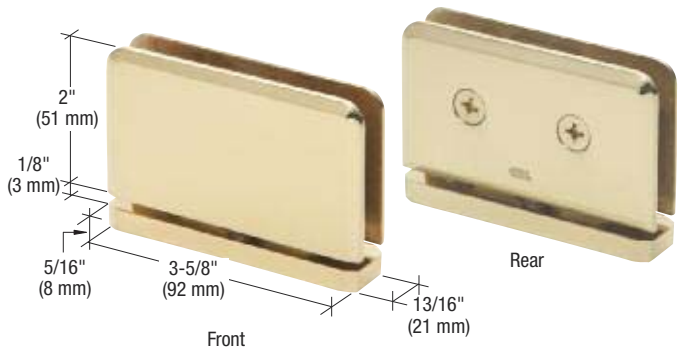
MORE INFORMATION
crlaurence.com

*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	100 lbs/45 kg	31"/787 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

Prima Series Pivot Hinges are designed for use with 5/16" to 3/8" (8 to 10 mm) tempered safety glass, and provide an extra number of application possibilities. Some advantages of pivot type hinges include the fact that they carry the majority of the weight on the bottom, and have the ability to be inset from the wall, enabling clearance for towel bars and other projections. Prima Series Pivot Hinges are self-centering, with four springs for maximum retention strength. The Prima Series is adaptable to our Deluxe Header System for shower enclosures not going all the way up to the ceiling (see pages SD111-SD112).

Top or Bottom Mount Hinge

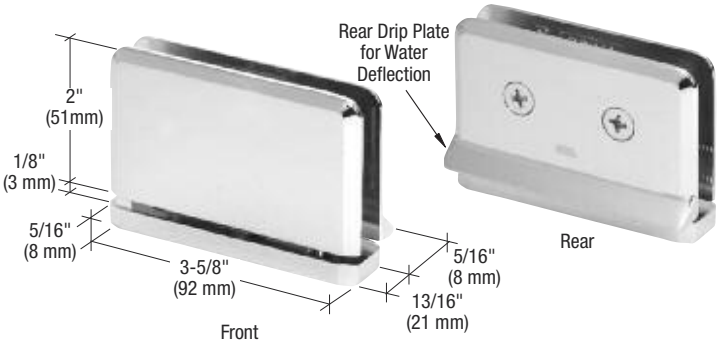


CAT. NO.	FINISH
PPH01CH	Polished Chrome
PPH01BN	Brushed Nickel
PPH01PN	Polished Nickel
PPH01BR	Polished Brass
PPH010RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Bottom Mount Hinge With Rear Drip Plate



CAT. NO.	FINISH
PPH08CH	Polished Chrome
PPH08BN	Brushed Nickel
PPH08BR	Polished Brass
PPH080RB	Oil Rubbed Bronze

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

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FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Prima Series Hinges

5 Degree Pre-Set Hinges

(Allow Door to Close 5 Degrees Into Shower)

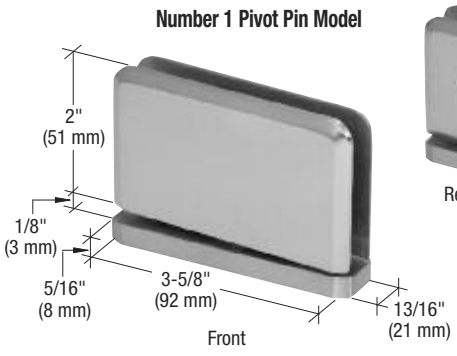
3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS

5/16" to 3/8"

MORE FINISHES crlaurence.com

Number 1 Pivot Pin Model



MODEL PPH0151

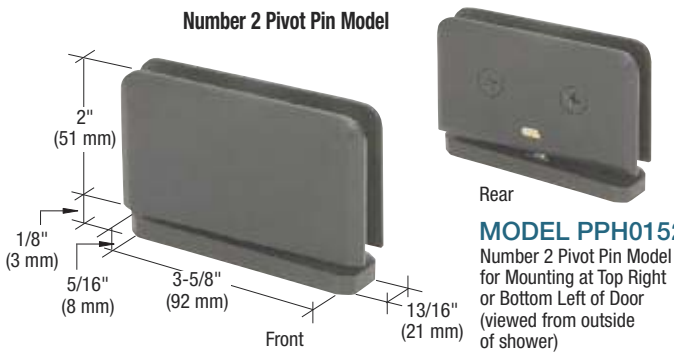
Number 1 Pivot Pin Model for Mounting at Top Left or Bottom Right of Door (viewed from outside of shower)

CAT. NO.	FINISH
PPH0151CH	Polished Chrome
PPH0151BN	Brushed Nickel
PPH0151PN	Polished Nickel
PPH0151BR	Polished Brass
PPH01510RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Number 2 Pivot Pin Model



MODEL PPH0152

Number 2 Pivot Pin Model for Mounting at Top Right or Bottom Left of Door (viewed from outside of shower)

CAT. NO.	FINISH
PPH0152CH	Polished Chrome
PPH0152BN	Brushed Nickel
PPH0152PN	Polished Nickel
PPH0152BR	Polished Brass
PPH01520RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Top or Bottom Mount Adjustable Hinge

- **Adjusts Up to 5 Degrees Both In and Out to the Desired Door Alignment**
- **Not Compatible With Header Systems**



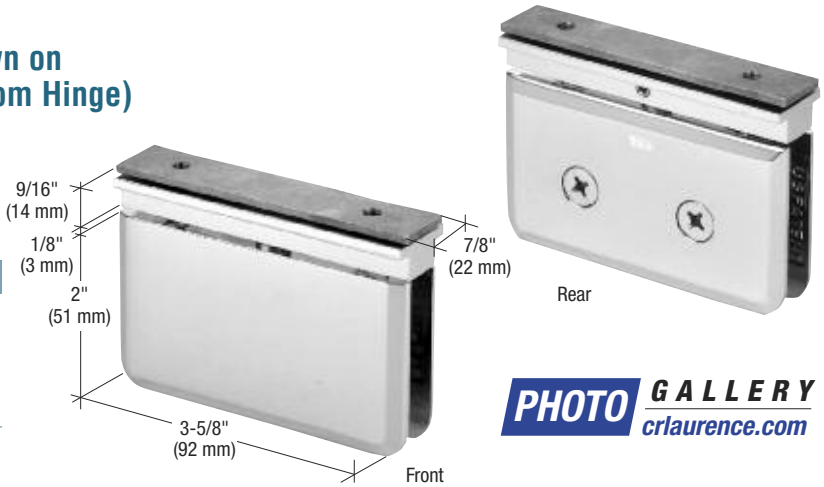
CAT. NO.	FINISH
PPH301CH	Polished Chrome
PPH301BN	Brushed Nickel
PPH301PN	Polished Nickel
PPH301BR	Polished Brass
PPH3010RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

E-Z Adjust Top Mount Hinge

- **For Use Only With EZ-Adjust Header Shown on Page SD114 (Use Cat. No. PPH01 as Bottom Hinge)**
- **No Drilling Required to Install Hinge Into EZ-Adjust Header**
- **Adjustable Side-to-Side After Installation**



CAT. NO.	FINISH
PPH06CH	Polished Chrome
PPH06BN	Brushed Nickel
PPH06BR	Polished Brass
PPH060RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

PHOTO GALLERY crlaurence.com

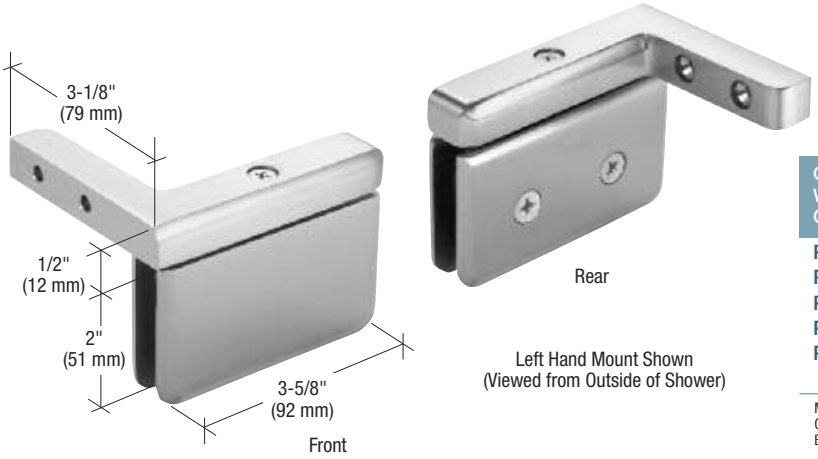
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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Prima Series Hinges

Patent Number
5,297,313

Offset Bracket Wall Mount Hinge



Left Hand Mount Shown
(Viewed from Outside of Shower)

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com

5/16" to 3/8"

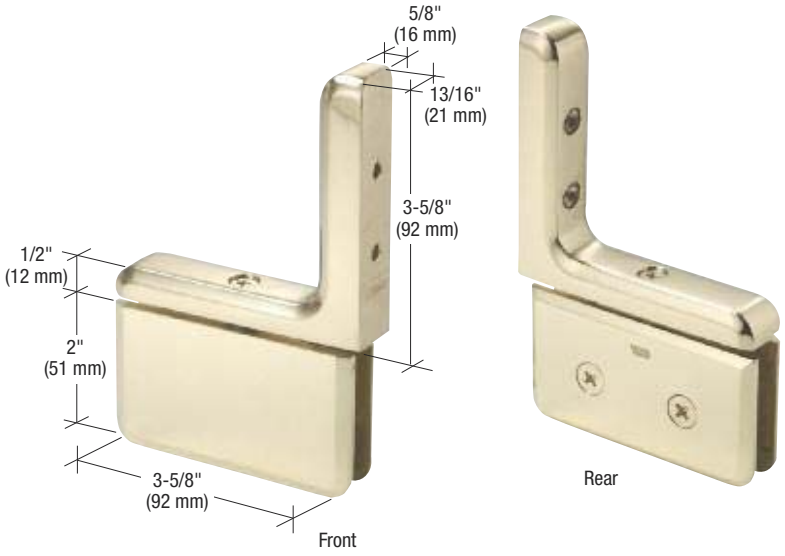
- **Handed Left or Right as Viewed From Outside Shower**

OFFSET BRACKET WALL MOUNT (LH) CAT. NO.*	OFFSET BRACKET WALL MOUNT (RH) CAT. NO.*	FINISH
PPH05LCH	PPH05RCH	Polished Chrome
PPH05LBN	PPH05RBN	Brushed Nickel
PPH05LPN	PPH05RPN	Polished Nickel
PPH05LBR	PPH05RBR	Polished Brass
PPH05L0RB	PPH05R0RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door. *Handing as viewed from outside shower.

L-Bracket Wall Mount Hinge



SHOWERS online by CRL

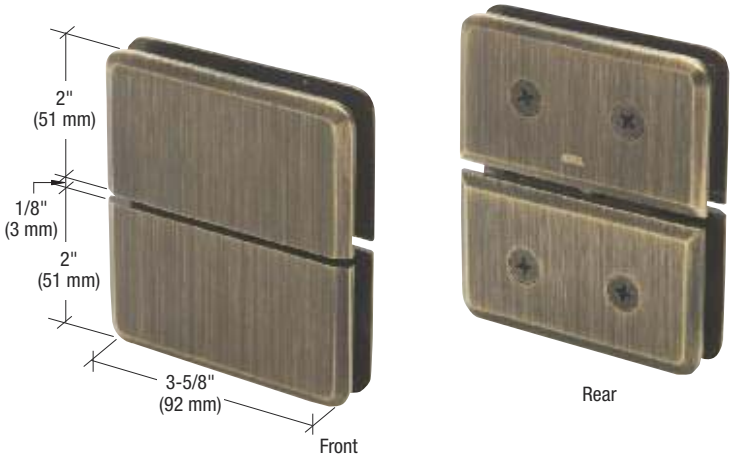
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

CAT. NO.	FINISH
PPH03CH	Polished Chrome
PPH03BN	Brushed Nickel
PPH03PN	Polished Nickel
PPH03BR	Polished Brass
PPH030RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Glass-to-Glass Transom Hinge



- **Ideal for Fixed Transoms Above Door**

CAT. NO.	FINISH
PPH02CH	Polished Chrome
PPH02BN	Brushed Nickel
PPH02PN	Polished Nickel
PPH02BR	Polished Brass
PPH020RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Prima Series Hinges

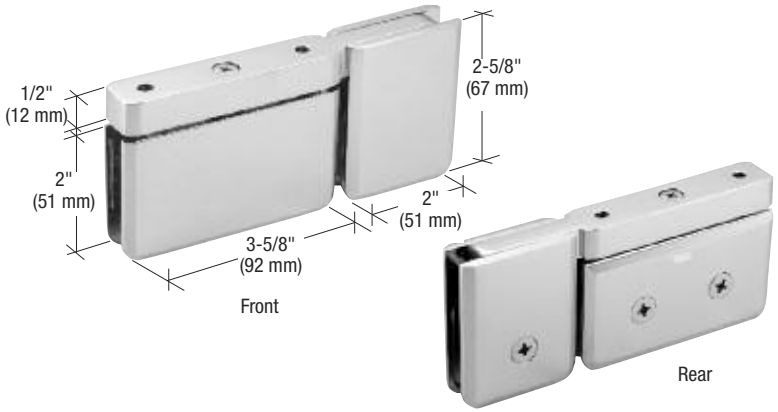
Patent Number
5,297,313

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES
crlaurence.com

5/16" to 3/8"

Top or Bottom Mount 180 Degree Inline Hinge With Attached U-Clamp



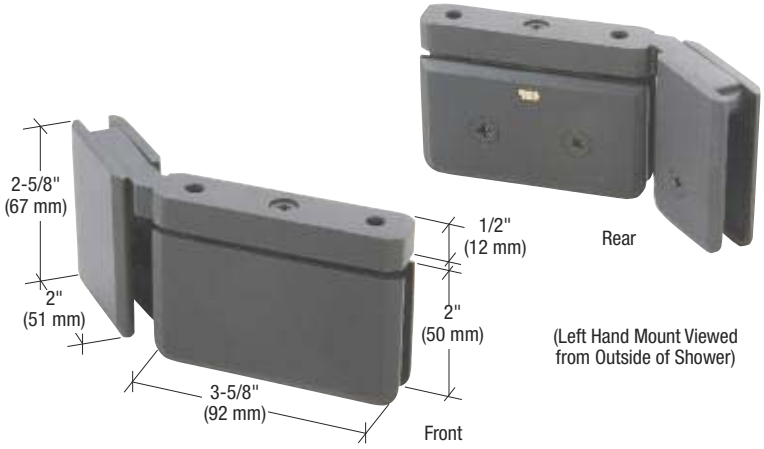
- Alternative to Using Traditional Header Systems
- See Design Criteria at crlaurence.com

CAT. NO.	FINISH
PPH07CH	Polished Chrome
PPH07BN	Brushed Nickel
PPH07PN	Polished Nickel
PPH07BR	Polished Brass
PPH070RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

Top or Bottom Mount 135 Degree Hinge With Attached U-Clamp



(Left Hand Mount Viewed from Outside of Shower)

- Alternative to Using Traditional Header Systems
- See Design Criteria at crlaurence.com
- Handed Left or Right as Viewed From Outside Shower

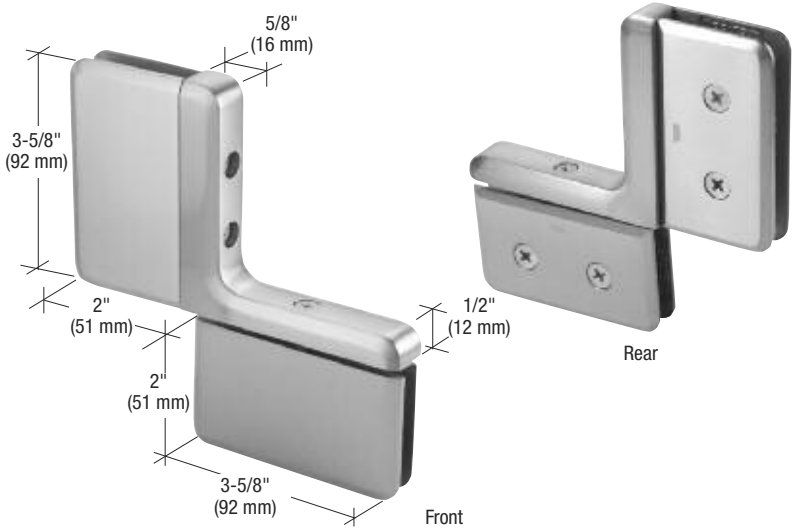
CAT. NO. LEFT HAND*	CAT. NO. RIGHT HAND*	FINISH
PPH0735LCH	PPH0735RCH	Polished Chrome
PPH0735LBN	PPH0735RBN	Brushed Nickel
PPH0735LPN	PPH0735RPN	Polished Nickel
PPH0735LBR	PPH0735RBR	Polished Brass
PPH0735L0RB	PPH0735R0RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

180 Degree Inline Panel Glass-to-Glass Hinge

PHOTO GALLERY
crlaurence.com



- Fixed Panel Height Must Exceed Door Height

CAT. NO.	FINISH
PPH04CH	Polished Chrome
PPH04BN	Brushed Nickel
PPH04PN	Polished Nickel
PPH04BR	Polished Brass
PPH040RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

CRL Junior Prima Series Hinges

- **Junior Prima is Also Adaptable to Our Junior Header System Shown on Page SD115**
- **Can Also Be Used for Movable Transoms**

CE
Certification
(See Page SD001)



SPECIFICATIONS:

Glass Thickness Range: 1/4" (6 mm) Tempered Safety Glass

Special Features: Top and Bottom Mount allows more glass exposure. Can also save on glass fabrication costs when compared against use of Side Mount Glass-to-Glass Hinges requiring more cut-outs

Construction: Solid Brass

Hinge Swings: Full Rotation

Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions









CAT. NO.
JRP1VP1N

Optional 5 Degree Pivot Pin Set (For Junior Prima Series)

(Option for 5 degree tighter door closure) Sold as a set. One for top hinge and one for bottom hinge.

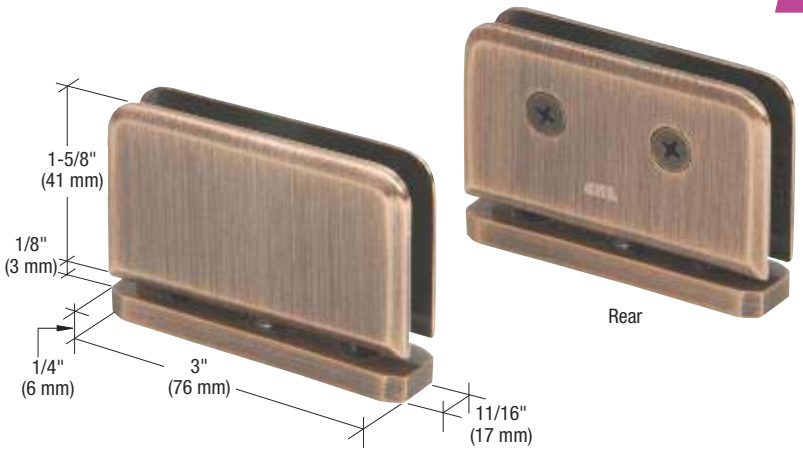
MORE INFORMATION
crlaurence.com

*MAXIMUM CAPACITIES	1/4" (6 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	62 lbs/28 kg	28"/711 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

Advantages of Junior Prima Hinges include the fact that they carry the majority of the weight on the bottom, and have the ability to be inset from the wall, enabling clearance for towel bars and other projections. When placed vertically either style can be used in movable transom installations. These Pivot Hinges are self-centering, with four springs for maximum retention strength. The Junior Prima Series is adaptable to our Junior Header Kit (see page SD115).

Top or Bottom Mount Hinge



MORE FINISHES
crlaurence.com

Patent Number
5,297,313



Glass Cleaners
crlaurence.com/glass-cleaners

CAT. NO.	FINISH
JRPPH01CH	Polished Chrome
JRPPH01BN	Brushed Nickel
JRPPH01PN	Polished Nickel
JRPPH01BR	Polished Brass
JRPPH010RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Senior Cardiff Series Hinges

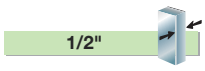
- Larger Version of the Popular Cardiff Series
- Accommodates 1/2" (12 mm) Thick Glass
- Square Corners for a Sharp, Traditional Look
- Adaptable to the CRL Deluxe Header System
- Stocked in Many Popular Finishes

CE
Certification
(See Page SD001)



SPECIFICATIONS:
Glass Thickness: 1/2" (12 mm) Tempered Safety Glass
Special Features: Top and Bottom Mount allows more glass exposure. Can also save on glass fabrication costs when compared against use of Side Mount Glass-to-Glass Hinges requiring more cut-outs
Construction: Solid Brass
Hinge Swing: Full Rotation
Closing Type: Self-Centering When Within 15 Degrees of Closed Position
Cut-Out Required
Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions





3 year WARRANTY



CAT. NO.
SRP1VP1N

Optional 5 Degree Pivot Pin Set (For Senior Cardiff Series)

(Option for 5 degree tighter door closure) Sold as a set. One for top hinge and one for bottom hinge.

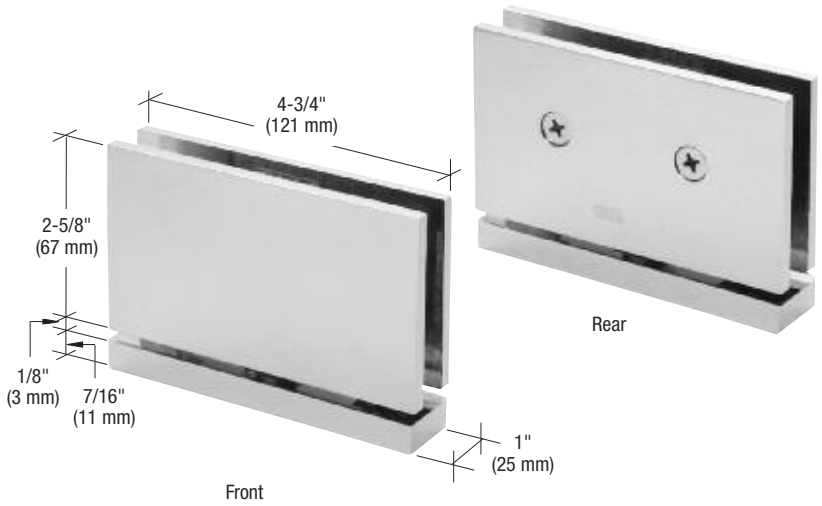
MORE INFORMATION
crlaurence.com

*MAXIMUM CAPACITIES	1/2" (12 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	145 lbs/66 kg	36"/914 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

Senior Cardiff Series Top and Bottom Mount Pivot Hinges are designed for use with 1/2" (12 mm) thick tempered safety glass. Some advantages of the Top and Bottom Mount Pivot Hinges include the fact that they carry the majority of the door weight on the bottom hinge, and have the ability to be inset from the door edge, enabling sufficient clearance for towel bars or other projections. Senior Cardiff Hinges are self-centering, with four strong springs for maximum retention strength. The Senior Cardiff Hinge is adaptable to our Deluxe Header System for enclosures not reaching the ceiling, by utilizing our Senior Adapter Block (see page SD112). They also can be simply floor and ceiling mounted for doors that do reach the ceiling. Numerous stock finishes are carried, with custom finishes available upon demand.

Top or Bottom Mount Hinge



MORE FINISHES
crlaurence.com

Patent Number
5,297,313

SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

CAT. NO.	FINISH
SRCAR01CH	Polished Chrome
SRCAR01BN	Brushed Nickel
SRCAR01PN	Polished Nickel
SRCAR01BR	Polished Brass
SRCAR010RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cardiff Series Hinges

- Square Corner Design for Clean, Sleek Appearance
- Will Adapt to the CRL Deluxe Header System for Enclosures Not Going to the Ceiling
- Numerous Finishes Making Décor Matching Easy

CE Certification
(See Page SD001)

SPECIFICATIONS:

Glass Thickness: 5/16" to 3/8" (8 to 10 mm) Tempered Safety Glass

Special Features: Top and Bottom Mount allows more glass exposure. Use of these hinges will reduce quantity of cut-outs required when compared to standard side mount glass-to-glass hinges. Cat. No. CAR01 can be mounted floor and ceiling, or floor and header.

Construction: Solid Brass

Hinge Swing: Full Rotation

Closing Type: Self-Centering When Within 15 Degrees of Closed Position

Cut-Out Required

Includes: Gaskets, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions









CAT. NO.
P1VP1N
(sold as set)

Optional 5 Degree Pivot Pin Set (For Cardiff Series)

Optional 5 Degree Pivot Pin Sets are available when you want to alter the closing position of the door by 5 degrees. These Pivot Pins may be inserted prior to installation, or retrofitted after the installation is complete. Sold as a set of two, one for the top, and one for the bottom. Not included with hinge purchase.

MORE INFORMATION crlaurence.com

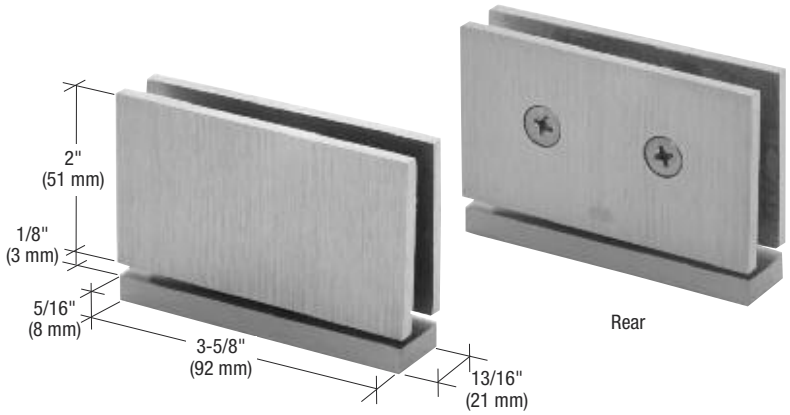
*MAXIMUM CAPACITIES	5/16"AND 3/8" (8 AND 10 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	100 lbs/45 kg	31"/787 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.



Cardiff Series Pivot Hinges are designed for use with 5/16" to 3/8" (8 to 10 mm) tempered safety glass, and provide an extra number of application possibilities. Some advantages of pivot type hinges include the fact that they carry the majority of the weight on the bottom, and have the ability to be inset from the wall, enabling clearance for towel bars and other projections. Cardiff Series Pivot Hinges are self-centering, with four springs for maximum retention strength. Optional 5 Degree Pre-Set Pivot Pin Sets may be ordered separately. The Cardiff Series is adaptable to our Deluxe Header System for shower enclosures not going all the way up to the ceiling (see pages SD111-SD112).

Top or Bottom Mount Hinge



MORE FINISHES crlaurence.com

Patent Number
5,297,313

SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

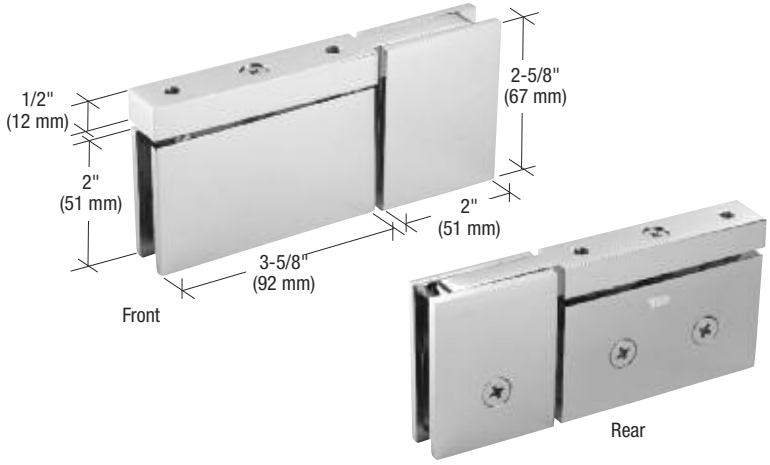
CAT. NO.	FINISH
CAR01CH	Polished Chrome
CAR01BN	Brushed Nickel
CAR01PN	Polished Nickel
CAR01BR	Polished Brass
CAR010RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

CRL Cardiff Series Hinges

Top or Bottom Mount 180 Degree Inline Hinge With Attached U-Clamp



USE MONOLITHIC TEMPERED GLASS

MORE FINISHES crlaurence.com

5/16" to 3/8"

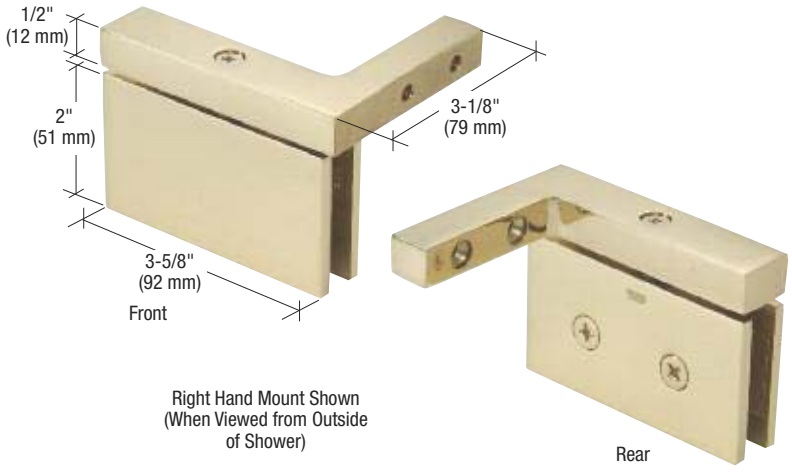
- Possible Alternative to Using Traditional Header Systems
- See Design Criteria at crlaurence.com

CAT. NO.	FINISH
CAR07CH	Polished Chrome
CAR07BN	Brushed Nickel
CAR07PN	Polished Nickel
CAR07BR	Polished Brass
CAR070RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

Offset Bracket Wall Mount Hinge



Right Hand Mount Shown (When Viewed from Outside of Shower)

- Handed Left or Right as Viewed From Outside Shower

OFFSET BRACKET WALL MOUNT (LH)* CAT. NO.	OFFSET BRACKET WALL MOUNT (RH)* CAT. NO.	FINISH
CAR05LCH	CAR05RCH	Polished Chrome
CAR05LBN	CAR05RBN	Brushed Nickel
CAR05LPN	CAR05RPN	Polished Nickel
CAR05LBR	CAR05RBR	Polished Brass
CAR05L0RB	CAR05R0RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door. *Handed as viewed from outside shower.

Glass-to-Glass Transom Hinge

PHOTO GALLERY crlaurence.com



- Ideal for Fixed Transoms Above Door

CAT. NO.	FINISH
CAR02CH	Polished Chrome
CAR02BN	Brushed Nickel
CAR02BR	Polished Brass
CAR020RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges to install one door.

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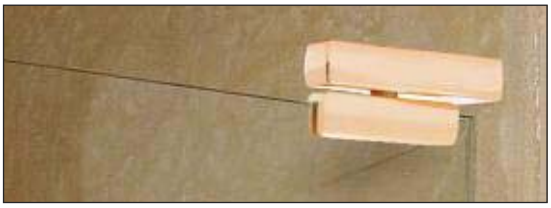
CRL US ALUMINUM

CRL Madrid Series Hinges

Patent Number
7,607,199

- "Notch-Free" Frameless Shower Door Hinges
- Top and Bottom Mount Installation Exposes More Glass, Less Hardware
- Allows Three Popular Mounting Options





The Madrid Series of Hinges gives the installer three mounting options, making it the most versatile of all our Pivot Hinges. And because there are no holes to drill, or notches to cut in the glass, the Madrid is also one of the easiest-to-mount Hinges you will ever use. The Madrid's pivot can be mounted in a Header, in a Wall Block, or in a Soffit Sleeve. Take your choice, they're all very simple and provide for a quick installation. Madrid is about choices, and you'll come to discover its elegantly simple lines will blend with most any bathroom décor. There are Madrid Hinge Kits and Mounting Kits in many of our most popular finishes, and custom finishes are available on special order.

IMPORTANT ORDERING TIPS – PLEASE READ

(1) Choose either the MA01 for 3/8" (10 mm) thick glass, or the MA05 for 5/16" (8 mm) thick glass. This will give you the basic Hinge Kit for both top and bottom.

(2) Determine what your mounting application is for the top of the door, and select either the MA02 (Header Mount Kit), MA03 (Wall Block Mount Kit) or MA04 (Soffit Sleeve Mount Kit) from the next page. Each of these Kits work with either 5/16" or 3/8" (8 or 10 mm) thick glass.

SUMMARY

You have ordered properly for one door when you have selected one each of either the MA01 or MA05 Hinge Kits, plus only one of the MA02, MA03 or MA04 Mount Kits (see next page).





MORE INFORMATION
crlaurence.com

*MAXIMUM CAPACITIES	5/16" AND 3/8" (8 AND 10 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	120 lbs/54 kg	36"/914 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

3 year WARRANTY

SPECIFICATIONS:

Glass Thicknesses: 5/16" to 3/8" (8 to 10 mm) Tempered Safety Glass

Construction: Solid Brass

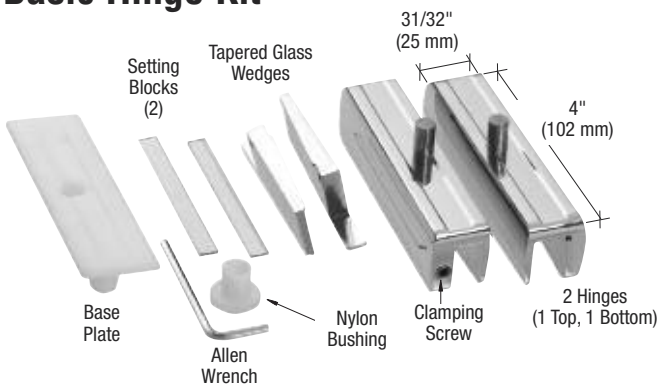
Hinge Swings: Full Rotation

Closing Type: Precise Closing to 0 Degrees

No Cut-Out Required

Includes: Gaskets and Mounting Hardware

Basic Hinge Kit



NOTE: The Basic Hinge Kit you order must be for the glass thickness you intend to install, either 5/16" or 3/8" (8 or 10 mm). They are not interchangeable between glass thicknesses. See **Important Ordering Tips** above.

5/16" (8 MM) BASIC KIT CAT. NO.	3/8" (10 MM) BASIC KIT CAT. NO.	FINISH
MA05CH	MA01CH	Polished Chrome
MA05BN	MA01BN	Brushed Nickel
MA05PN	MA01PN	Polished Nickel
MA05BR	MA01BR	Polished Brass
MA050RB	MA010RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing.
Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs.
Be sure to order a minimum of two each hinges to install one door.

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Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

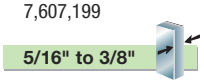
CRL US ALUMINUM

CRL Madrid Series Hinge Mounting Kits

- Three Top Mounting Options for Installation Flexibility

MORE INFORMATION crlaurence.com

Patent Number 7,607,199



3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS

Header Mount Kit



CAT. NO.	FINISH
MA02CH	Polished Chrome
MA02BN	Brushed Nickel
MA02PN	Polished Nickel
MA02BR	Polished Brass
MA020RB	Oil Rubbed Bronze
MA02K1T	Replacement Pivot Receiver Only

MORE FINISHES Available Online at **crlaurence.com**

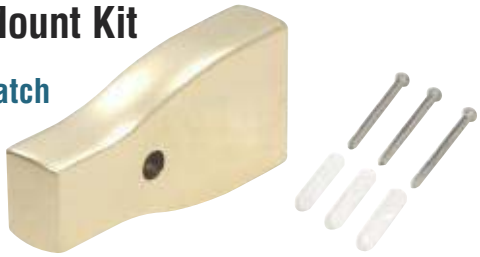
Minimum order: 1 each.



Header Mount Kit Includes: 98" (2.49 m) Piece of Header Extrusion, 36" (.91 m) Piece of Filler Insert, Header Pivot Receiver, Clear Vinyl, Screws, Washers, Anchors, and Allen Wrench.

Wall Block Mount Kit

- Finishes to Match Madrid Basic Hinge Kits



CAT. NO.	FINISH
MA03CH	Polished Chrome
MA03BN	Brushed Nickel
MA03PN	Polished Nickel
MA03BR	Polished Brass
MA030RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

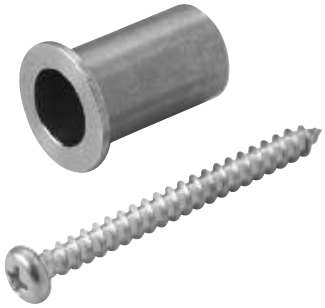
Minimum order: 1 each.



Wall Block Mount Kit Includes: Wall Block and Block Mounting Bracket, Screws, and Anchors.

Soffit Sleeve Mount Kit

- Works With All Finishes of Madrid Hinge



CAT. NO.	APPLICATION
MA04	Works With All Finishes

Minimum order: 1 each.



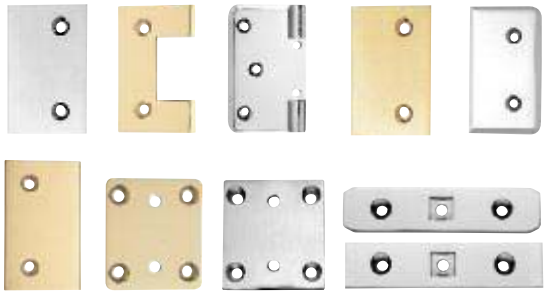
Soffit Sleeve Mount Kit Includes: Soffit Sleeve, Mounting Screw. Sleeve requires 5/8" (16 mm) Hole.

CRL Replacement Hinge Cover Plates and Base Plates

MORE MODELS crlaurence.com

- **Replacement Parts Now in Stock for Several Hinges in Our Most Popular Finishes**

For your convenience we now stock Hinge Plates and Base Plates in many popular finishes. This allows an inexpensive and convenient way to replace old and worn plates. Additional popular replacement parts are shown below. Other parts are available on special order.



Go to **crlaurence.com/shower-parts** for a full array of Hinge Replacement and other Special Hardware

CRL Replacement Screws and Cover Caps

MORE FINISHES crlaurence.com

- **CRL Has a Full Range of Shower Door Replacement Screws**
- **Available in Over Twenty Finishes**

CRL carries an extensive inventory of Replacement Screws for all of our Hinge Cover Plates. Three sizes of Hinge Plate Screws are available, 5 mm x 12 mm, 6 mm x 12 mm, and 6 mm x 15 mm. Two styles of heads, Phillips or Allen are offered to meet your needs. #10 x 2" (51 mm) and #10 x 3" (76 mm) Wall Mount Screws are also available. Over 20 finishes will definitely meet your requirements.



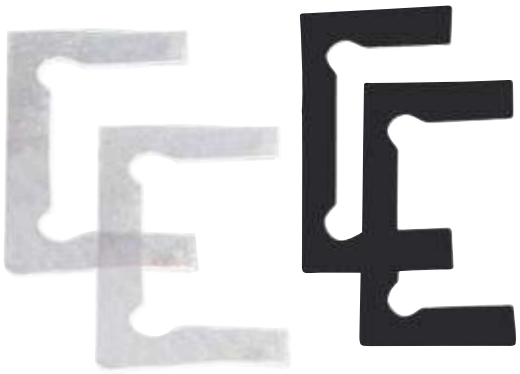
Go to **crlaurence.com/shower-parts** for a full array of Hinge Replacement and other Special Hardware

CRL Replacement Hinge Gaskets

MORE CHOICES crlaurence.com

- **Stocked in Black and Clear for Many Hinge Series**
- **2.5 mm Gaskets Also Available for 5/16" (8 mm) Glass**

We stock Replacement Gaskets to fit many popular hinge series. Packages contain two thick and two thin gaskets, in your choice of either black or clear.



Go to **crlaurence.com/shower-parts** for a full array of Hinge Replacement and other Special Hardware

CRL Replacement Hinge Pins

- **Custom and 5 Degree Pre-Set Pivot Pins Available for Popular CRL Hinges**

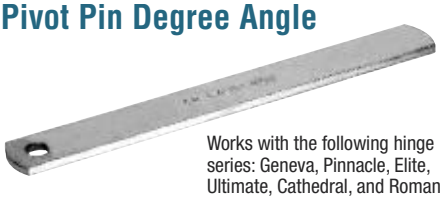
CAT. NO.	DESCRIPTION
GENP1N*	Custom Degree Hinge Pin for Geneva, Pinnacle, Roman, Elite, Cathedral, and Ultimate Series
V1EP1N*	Custom Degree Hinge Pin for Vienna and Cologne Series
JRGENP1N*	Custom Degree Hinge Pin for Junior Geneva and Trianon Series
P1VP1NΔ	5 Degree Pre-Set Pivot Pin Set for Prima, Cardiff, Rondo, and Shell Series
SRP1VP1NΔ	5 Degree Pre-Set Pivot Pin Set for Senior Prima and Senior Cardiff Series
JRP1VP1NΔ	5 Degree Pre-Set Pivot Pin Set for Junior Prima Series

* Minimum order: 1 each. Customer to specify custom degree angle (how many degrees off of standard closing position up to 45 degrees).
Δ Minimum order: 1 set (2 pins per set). Allows door to close 5 degrees further into shower enclosure.



CRL Hinge Pin Wrench

- **Time Saving Tool for Changing Pivot Pin Degree Angle**



Works with the following hinge series: Geneva, Pinnacle, Elite, Ultimate, Cathedral, and Roman

The Hinge Pin Wrench simplifies the process of reversing 5 Degree Pivot Pins contained in select CRL Hinge Series. Minimum order is one each.

CAT. NO. HPW1

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Frameless Shower Door Hinge and Pull Handle or Knob Sets

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

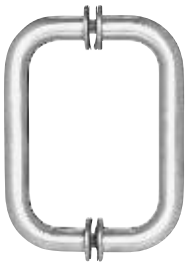
- Our Five Most Popular Hinge Series
- Many of Our Most Popular Finishes
- Popular Handle or Knob Options
- All Together in Easy-To-Order Sets

We've made it even easier for you to get two of our most popular Hinges and our best-selling Pull Handle or Knob by combining them in one easy-to-order set. These Wall Mount Hinges or Top and Bottom Mount Pivot Hinges make up over 90% of our demand, and there is sure to be a style that will satisfy even your most demanding customers.

Vienna Series With Handle

Hinges for 5/16" to 1/2" (8 to 12 mm) Glass





CAT. NO.	FINISH
V1ES3CH	Polished Chrome
V1ES3BN	Brushed Nickel
V1ES3BR	Polished Brass
V1ES30RB	Oil Rubbed Bronze

Set contains two each V1E037 Wall Mount Hinges plus one set BM6X6 Pull Handles With Metal Washers.

Minimum order: 1 set. All Hinge and Handle or Knob Sets can be combined for quantity pricing.

Cologne Series With Handle

Hinges for 5/16" to 1/2" (8 to 12 mm) Glass





CAT. NO.	FINISH
C0LS3CH	Polished Chrome
C0LS3BN	Brushed Nickel
C0LS3BR	Polished Brass
C0LS30RB	Oil Rubbed Bronze

Set contains two each C0L037 Wall Mount Hinges plus one set BM6X6 Pull Handles With Metal Washers.

Minimum order: 1 set. All Hinge and Handle or Knob Sets can be combined for quantity pricing.

Geneva Series With Handle

Hinges for 5/16" to 1/2" (8 to 12 mm) Glass





CAT. NO.	FINISH
GENS3CH	Polished Chrome
GENS3BN	Brushed Nickel
GENS3BR	Polished Brass
GENS30RB	Oil Rubbed Bronze

Set contains two each GEN037 Wall Mount Hinges plus one set BM6X6 Pull Handles With Metal Washers.

Minimum order: 1 set. All Hinge and Handle or Knob Sets can be combined for quantity pricing.

Pinnacle Series With Handle

Hinges for 5/16" to 1/2" (8 to 12 mm) Glass





CAT. NO.	FINISH
P1NS3CH	Polished Chrome
P1NS3BN	Brushed Nickel
P1NS3BR	Polished Brass
P1NS30RB	Oil Rubbed Bronze

Set contains two each P1N037 Wall Mount Hinges plus one set BM6X6 Pull Handles With Metal Washers.

Minimum order: 1 set. All Hinge and Handle or Knob Sets can be combined for quantity pricing.

Geneva Series With Knob

Hinges for 5/16" to 1/2" (8 to 12 mm) Glass





CAT. NO.	FINISH
GENS6CH	Polished Chrome
GENS6BN	Brushed Nickel
GENS6BR	Polished Brass
GENS60RB	Oil Rubbed Bronze

Set contains two each GEN037 Wall Mount Hinges plus one SDK106 Back-to-Back Contemporary Knob.

Minimum order: 1 set. All Hinge and Handle or Knob Sets can be combined for quantity pricing.

Prima Series With Handle

Top and Bottom Mount Pivot Hinges for 5/16" to 3/8" (8 to 10 mm) Glass



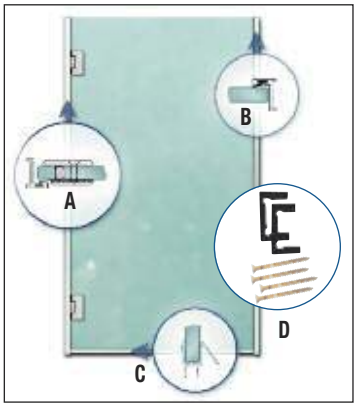


CAT. NO.	FINISH
PPHS3CH	Polished Chrome
PPHS3BN	Brushed Nickel
PPHS3BR	Polished Brass
PPHS30RB	Oil Rubbed Bronze

Set contains two each PPH01 Top and Bottom Mount Pivot Hinges plus one set BM6X6 Pull Handles With Metal Washers.

Minimum order: 1 set. All Hinge and Handle or Knob Sets can be combined for quantity pricing.

CRL Jamb Mounted Hinge Kits



- Square or Radius/Beveled Forged Brass Hinges With Anodized Aluminum Jambs and Clear Vinyl Sweep
- 5 Degree Hinge Pins Ensure Positive Closure to Provide a Water Resistant Seal at Both the Sides and the Bottom
- Self-Centering From 15 Degrees
- All Necessary Mounting Hardware Included

USE MONOLITHIC TEMPERED GLASS

3 year WARRANTY

JAMB MOUNTED HINGE KITS CONSIST OF:
A. Aluminum Jamb with Two Hinges Attached (Plus Vinyl)
B. Aluminum Strike Jamb with Vinyl
C. Clear Vinyl Bottom Sweep with Drip Rail
D. Mounting Hardware
NOTE: Pulls or Knobs must be ordered separately. Glass not included.

Our Jamb Mounted Hinge Kits let you provide an 'all-glass' look shower door in an easy-to-install configuration. Water leakage around the door is minimized with the use of extruded aluminum jambs with vinyl for both the hinge and strike sides, and a clear vinyl sweep for the bottom. Kits come in your choice of three of our most popular finishes, with glass cut-out templates and installation instructions enclosed.

Standard Hinge Kits for 5/16" to 3/8" (8 to 10 mm) Glass

MORE INFORMATION crlaurence.com

5/16" to 3/8"

Geneva Series Square Style Hinges



72" (1.83 M) HEIGHT GENEVA SERIES KITS

CAT. NO.	FINISH
GEN03372CH	Polished Chrome
GEN03372BR	Polished Brass
GEN03372BN	Brushed Nickel

* **NOTE**: Maximum door width 28"/711 mm; weight 80 lbs/36 kg.

78" (1.98 M) HEIGHT GENEVA SERIES KITS

CAT. NO.	FINISH
GEN03378CH	Polished Chrome
GEN03378BR	Polished Brass
GEN03378BN	Brushed Nickel

* **NOTE**: Maximum door width 28"/711 mm; weight 80 lbs/36 kg.

Pinnacle Series Radius/Beveled Style Hinges



72" (1.83 M) HEIGHT PINNACLE SERIES KITS

CAT. NO.	FINISH
P1N03372CH	Polished Chrome
P1N03372BR	Polished Brass
P1N03372BN	Brushed Nickel

* **NOTE**: Maximum door width 28"/711 mm; weight 80 lbs/36 kg.

78" (1.98 M) HEIGHT PINNACLE SERIES KITS

CAT. NO.	FINISH
P1N03378CH	Polished Chrome
P1N03378BR	Polished Brass
P1N03378BN	Brushed Nickel

* **NOTE**: Maximum door width 28"/711 mm; weight 80 lbs/36 kg.

Heavy-Duty Hinge Kits for 3/8" to 1/2" (10 to 12 mm) Glass

3/8" to 1/2

Vienna Series Square Style Hinges



72" (1.83 M) HEIGHT VIENNA SERIES KITS

CAT. NO.	FINISH
V1E03372CH	Polished Chrome
V1E03372BR	Polished Brass
V1E03372BN	Brushed Nickel

* NOTE: 3/8" Glass maximum door width 36"/914 mm; weight 100 lbs/45 kg.
1/2" Glass maximum door width 30"/762 mm; weight 100 lbs/45 kg.

Heavy-Duty Kits also contain Bottom Sweeps for both 3/8" and 1/2" (10 and 12 mm) glass. All Kits can be mounted with the hinge on the left or right hand side when viewed from inside of the shower, and should be installed so that the door swings outward.

All Hinge Kits can be combined for quantity pricing.

CRL Replacement Aluminum Jamb With Clear Vinyl Wipe

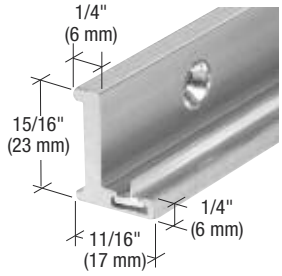
- For Use on Strike Side or Hinge Side of the Door Opening
- Two Sizes Available

78" (1.98 M) CAT. NO.	98" (2.49 M) CAT. NO.	FINISH
AJ78BA	AJ98BA	Brite Anodized
AJ78BGA	AJ98BGA	Brite Gold Anodized
AJ78BN	AJ98BN	Brushed Nickel

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Packing Charge added to orders of fewer than 10 combined lengths.

Top View of Glass Against Jamb





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From Anywhere in the U.S. or Canada

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CRL Frameless Hinge KD Door Kits

MORE INFORMATION crlaurence.com

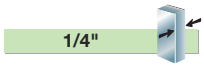
- **Provides the Appearance of a Heavy Glass Unit While You Actually Supply Only 1/4" (6 mm) Glass**
- **Door is Manually Closed and has a Magnetic Hold**
- **Two 1" (25.4 mm) Holes Required in the Glass**
- **Horizontal Adjustment of 3/16" (5 mm) in Either Direction**
- **Custom Finishes Available Upon Request**



Our Frameless Hinge KD Door Kit for 1/4" (6 mm) thick tempered glass provides an appearance of a heavier enclosure, while you only need to supply the thinner, less expensive glass. The Hinges are mounted through a 1" (25.4 mm) diameter hole, and feature a molded nylon insert that allows a 3/16" (5 mm) horizontal adjustment in each direction to assist with undesirable wall conditions. This design has the Hinges holding the glass firmly, without relying on clamping or compression pressure.

Kits include a hinge jamb assembly with the Hinges and Fin Seal attached, an Aluminum Strike Jamb, a "slip over the edge" Magnetic Latch Handle, Seals for around the doors, and a complete Hardware Package for installation. Glass is not included as part of the kit. Three popular stock finishes are offered, in a choice of two heights. Kit utilizes two Hinges only. Replacement Hinges are available (see below).





KIT CONTAINS:

- Hinge Jamb Assembly With Hinges and Fin Seal Attached
- Aluminum Strike Jamb
- Magnetic Latch Handle
- Door Seals
- Hardware Package

3 year WARRANTY

SPECIFICATIONS:

Glass Thickness: 1/4" (6 mm). Glass not included in kit.
Material: Aluminum
Closing Type: Free Swinging with Magnetic Hold
Maximum Sizes: Width: 36" (914 mm); Height: 72" (1829 mm)
Fabrication: Two 1" (25.4 mm) Diameter Holes Required, 1-1/4" (32 mm) from Edge of Glass to Center of Hole.



- **Three Popular Stock Finishes in Two Heights**





FRAMELESS HINGE KD DOOR KITS

CAT. NO.	HEIGHT	FINISH
HDK64BA	64" (1625 mm)	Brite Anodized
HDK64BGA	64" (1625 mm)	Brite Gold Anodized
HDK64BN	64" (1625 mm)	Brushed Nickel
HDK72BA	72" (1829 mm)	Brite Anodized
HDK72BGA	72" (1829 mm)	Brite Gold Anodized
HDK72BN	72" (1829 mm)	Brushed Nickel

Minimum order: 1 each. All KD Door Kits can be combined for quantity pricing.

REPLACEMENT HINGES ONLY

CAT. NO.	FINISH
MH1CH	Brite Anodized
MH1BR	Brite Gold Anodized
MH1BN	Brushed Nickel

Minimum order: 1 each.

CRL Light Duty Frameless Shower Door and Cabinet Hinges

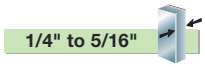
- An Excellent Choice for Small, Single Shower Stalls
- Available in Half-Round or Square Corner Shapes for Use With 1/4" to 5/16" (6 to 8 mm) Thick Glass
- Also a Great Choice as a Cabinet Hinge
- Free-Swinging Hinges Require a Hole in the Glass



SPECIFICATIONS:
Glass Thickness: 1/4" to 5/16" (6 to 8 mm) Tempered Safety Glass
Material: Solid Brass
Hinge Swings: 90 Degrees Outward Only
Closing Type: Free-Swinging
Fabrication: EH84, EH85, and EH86: 9/16" (14 mm) Hole Required.
EH184, EH185, and EH186: 1/2" (12 mm) Hole Required
Includes: Gaskets

3 year WARRANTY





MORE INFORMATION crlaurence.com

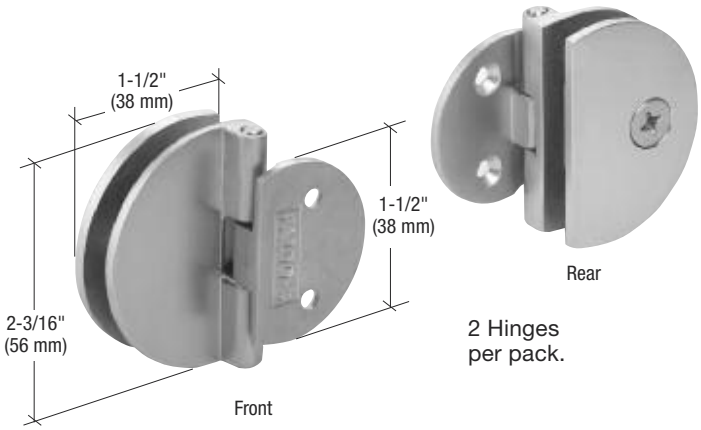
Light Duty Frameless Shower Door and Cabinet Hinges provide design versatility. They can be used for smaller (see Maximum Capacities Chart), single stall frameless shower doors, and also prove to be an excellent choice for cabinets in the general bathroom area or anywhere else. Wherever installed, they help perpetuate the 'all-glass' look desired by so many architects and designers.

Light Duty Hinges are free-swinging, meaning they do not have a self-centering or self-closing mechanism. The Half-Round Shape is perfect for softer, more subtle doors. The Square Corner Shape has a stronger, more dominant appearance. Light Duty Hinges will accommodate 1/4" to 5/16" (6 to 8 mm) thick tempered glass. A single hole in the glass is all that is needed for fabrication; no cut-out is necessary. Gaskets are included for glass-to-metal protection. Hinges are sold two per pack.

*MAXIMUM CAPACITIES	1/4" AND 5/16" (6 AND 8 MM) GLASS	
	WEIGHT	DOOR WIDTH
Using Two Hinges	50 lbs/23 kg	24"/610 mm
Using Three Hinges	75 lbs/34 kg	24"/610 mm

* **NOTE:** Do not exceed maximum door weight or width when choosing proper quantity of hinges.

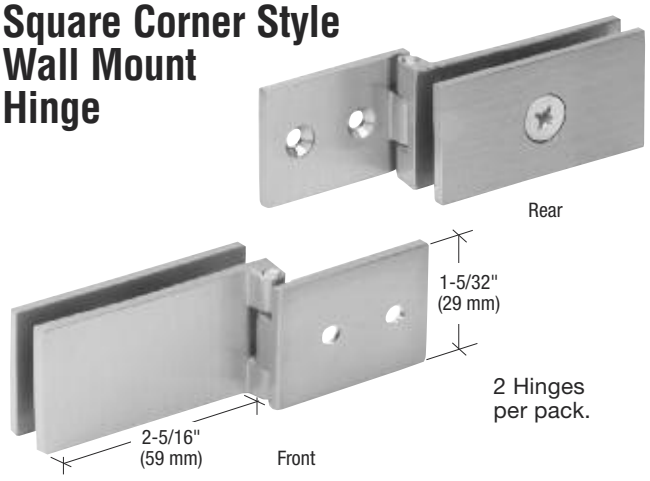
Half-Round Style Wall Mount Hinge



CAT. NO.	FINISH
EH184	Polished Chrome
EH185	Satin Chrome (Matte)
EH186	Polished Brass

Minimum order: 1 pack. All finishes can be combined for quantity pricing.

Square Corner Style Wall Mount Hinge



CAT. NO.	FINISH
EH84	Polished Chrome
EH85	Brushed Nickel
EH86	Polished Brass

Minimum order: 1 pack. All finishes can be combined for quantity pricing.

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CRL US ALUMINUM





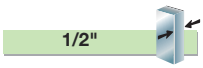




CRL Frameless 'All-Glass' Custom Restroom Partition System

- Intended for Use With 1/2" (12 mm) Thick Tempered Glass Only (Not Included)
- 2" x 3" (51 x 76 mm) Posts Do Not Interrupt Glass Panels
- Built to Your Specifications – No Field Fabrication Required
- Stainless Steel Posts With Concealed Base Fastener
- Posts Mounted Behind Glass to Maximize Frameless Appearance
- Doors Accommodate Slide-Bolt Latches (Sold Separately See Next Page)
- Doors are Inswing Only
- Allows Thru-Glass Mounted Optional Fixtures
- Polished Stainless, Brushed Stainless, and Powder Coat Colors Available





MORE INFORMATION crlaurence.com



- Your Choice of Cologne or Vienna Series Hinges Can Be Used With Restroom Partition System



Cologne Series (Beveled Edges)

Hinges Included With Post (See pages SD024 and SD028)



Vienna Series (Square Corners)



Locks Ordered Separately (See next page)





Wall Brackets Ordered Separately (See page SD101)



The CRL Frameless 'All-Glass' Restroom Partition System will modernize any commercial bathroom area with your choice of multiple architectural finishes. Since metal posts do not interrupt the glass panels, a beautiful frameless environment is attained. No field fabrication is required, ensuring easy installation. Vienna or Cologne Series Hinges are utilized for this system that is designed for use with 1/2" (12 mm) thick tempered glass only (not included).

How To Receive Your Quote

All CRL Restroom Partition Systems are customized to your specifications. To begin the quoting process, simply email a detailed drawing to **showers@crlaurence.com**. along with completion of the menu below. Our Shower Door Department will contact you if they have any questions, otherwise you will be sent your quote.

1. HARDWARE COLOR

- ☐ Polished Stainless (Polished Chrome Appearance)
- ☐ Brushed Stainless (Brushed Nickel Appearance)
- ☐ Powder Coated – Specify Color _____

2. TIGHT FLOOR TO CEILING HEIGHT: _____

3. CEILING BACKING: _____

(Ceiling must have adequate backing to support system)

4. CHOICE OF 180 DEGREE GLASS-TO-GLASS HINGES

- ☐ Cologne Series (Beveled Edges)
- ☐ Vienna Series (Square Corners)

5. GLASS HEIGHT: _____

Glass height suggestion is 60" (1.52 m). Standard distance from floor to the bottom of the glass is 12" (305 mm). (CRL does not supply glass)

6. OTHER HARDWARE REQUESTED

- ☐ Slide-Bolt (Specify Choice) _____
- ☐ Wall Brackets (Specify Choice) _____
- ☐ Handle or Knobs (Specify Choice) _____
- ☐ Other _____

7. QUANTITIES OF POST CONFIGURATIONS

- ☐ Outside Corner Post _____
- ☐ "T" Intersection Post _____
- ☐ Corner "T" Intersection Post _____
- ☐ Inline Post _____
  (Go to **crlaurence.com/restroom-partition** for Post details)

CUSTOM RESTROOM PARTITION SYSTEM

CAT. NO.	FINISH
RPS12PS	Polished Stainless
RPS12BS	Brushed Stainless
RPS12PT	Painted (Specify Color)

Minimum order: 1 each.

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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Geneva Style Privacy Lock



- Slide Bolt Action Makes Lock Compliant With A.D.A. Standards
- Square Style Matches Popular CRL Hardware Such as Geneva and Vienna Series
- Ideal for Use With Our 'All-Glass' Restroom Partition System
- Requires a Notch in the Glass
- Available in Chrome and Brushed Nickel Finishes
- For Use With 3/8" to 1/2" (10 to 12 mm) Tempered Glass Doors





MODEL GE90SC3
Stop Plate

MORE INFORMATION
crlaurence.com



Exterior View





Interior View



MODEL GE90SCA
Lock

MODEL GE90SCB
Receiver

LOCK CAT. NO.	RECEIVER CAT. NO.	STOP PLATE CAT. NO.	FINISH
GE90SCACH	GE90SCBCH	GE90SC3CH	Polished Chrome
GE90SCABN	GE90SCBBN	GE90SC3BN	Brushed Nickel

Minimum order: 1 each. Locks and Receivers can be combined for quantity pricing.

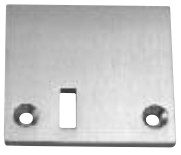
The Geneva Style Glass Door Lock provides privacy for the user while also complying with A.D.A. standards. The easy-to-slide locking mechanism has an exterior indicator that displays red when locked and blue when unlocked. A low profile screw on the exterior face allows for emergency access. The Geneva Style Glass Door Lock was developed for use with our 'All-Glass' Restroom Partition System. It can be used in conjunction with our Catalog Number GE90SCB Receiver for glass-to-glass installations, as well as our GE90SC3 Door Stop for single acting doors. Lock and Receiver each include gaskets for 3/8" and 1/2" (10 and 12 mm) glass, Phillips head and Allen head screws, and a hex wrench. Stop Plate includes screws.

CRL Pinnacle Style Privacy Lock



- Slide Bolt Action Makes Lock Compliant With A.D.A. Standards
- Beveled Style Matches Popular CRL Hardware Such as Pinnacle and Cologne Series
- Ideal for Use With Our 'All-Glass' Restroom Partition System
- Requires a Notch in the Glass
- Available in Chrome and Brushed Nickel Finishes
- For Use With 3/8" to 1/2" (10 to 12 mm) Tempered Glass Doors





MODEL P190SC3
Stop Plate



Exterior View





Interior View



MODEL P190SCA
Lock

MODEL P190SCB
Receiver

LOCK CAT. NO.	RECEIVER CAT. NO.	STOP PLATE CAT. NO.	FINISH
P190SCACH	P190SCBCH	P190SC3CH	Polished Chrome
P190SCABN	P190SCBBN	P190SC3BN	Brushed Nickel

Minimum order: 1 each. Locks and Receivers can be combined for quantity pricing.

The Pinnacle Style Glass Door Lock provides privacy for the user while also complying with A.D.A. standards. The easy-to-slide locking mechanism has an exterior indicator that displays red when locked and blue when unlocked. A low profile screw on the exterior face allows for emergency access. The Pinnacle Style Glass Door Lock was developed for use with our 'All-Glass' Restroom Partition System. It can be used in conjunction with our Catalog Number P190SCB Receiver for glass-to-glass installations, as well as our P190SC3 Door Stop for single acting doors. Lock and Receiver each include gaskets for 3/8" and 1/2" (10 and 12 mm) glass, Phillips head and Allen head screws, and a hex wrench. Stop Plate includes screws.

CRL FRAMELESS SHOWER DOOR HARDWARE









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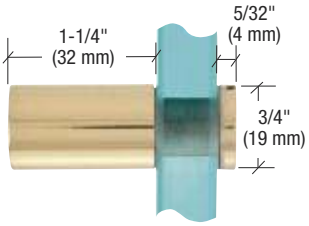
CRL US ALUMINUM

CRL Single-Sided Cylinder Knob

SPECIFICATIONS:

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



MODEL SDK212
Without Plastic Sleeve



MODEL SDKP212
With Plastic Sleeve
(Protects Against Glass-to-Metal Contact)



MORE FINISHES
crlaurence.com





WITHOUT PLASTIC SLEEVE CAT. NO.	WITH PLASTIC SLEEVE CAT. NO.	FINISH
SDK212CH	SDKP212CH	Polished Chrome
SDK212BN	SDKP212BN	Brushed Nickel
SDK212PN	SDKP212PN	Polished Nickel
SDK212BR	SDKP212BR	Polished Brass
SDK2120RB	SDKP2120RB	Oil Rubbed Bronze

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Single-Sided Traditional Knob

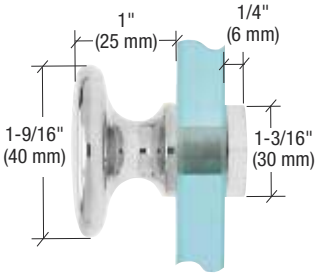
SPECIFICATIONS:

Glass Thickness Range:
1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required:
3/8" or 1/2" (10 or 12 mm)

CAT. NO.	FINISH
SDK200CH	Polished Chrome
SDK200BN	Brushed Nickel
SDK200PN	Polished Nickel
SDK200BR	Polished Brass
SDK2000RB	Oil Rubbed Bronze

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

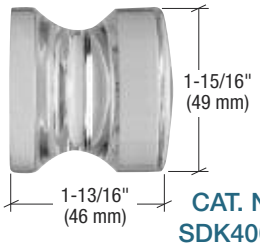


MODEL SDK200

CRL Single-Sided Traditional Crystal Knob

- **All Crystal Design**

The Traditional Style UV Crystal Knob provides a clean and transparent look. Minimum order is one each.



CAT. NO.
SDK400CR

NOTE: Knob adheres to glass using our UV702 Series High Viscosity, Optically Clear UV Adhesive. Go to **crlaurence.com/uv-bonding** for complete technical information, spec data, MSDS, and a video.



CRL Single-Sided Contemporary Knob

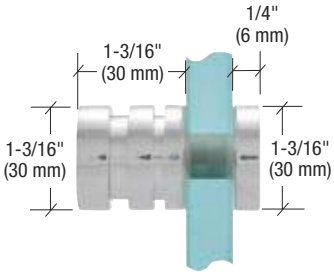
SPECIFICATIONS:

Glass Thickness Range:
1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required:
3/8" or 1/2" (10 or 12 mm)

CAT. NO.	FINISH
SDK206CH	Polished Chrome
SDK206BN	Brushed Nickel
SDK206PN	Polished Nickel
SDK206BR	Polished Brass
SDK2060RB	Oil Rubbed Bronze

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

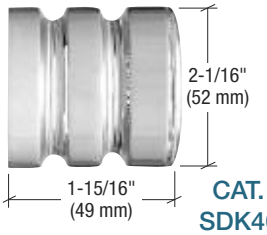


MODEL SDK206

CRL Single-Sided Contemporary Crystal Knob

- **Transparent and Elegant**

The Contemporary Style UV Crystal Knob and a glass door blend together for a see-through appearance. Minimum order is one each.



CAT. NO.
SDK406CR

NOTE: Knob adheres to glass using our UV702 Series High Viscosity, Optically Clear UV Adhesive. Go to **crlaurence.com/uv-bonding** for complete technical information, spec data, MSDS, and a video.



CRL Single-Sided Mini Bulb Knob

- **Excellent for Cabinets**

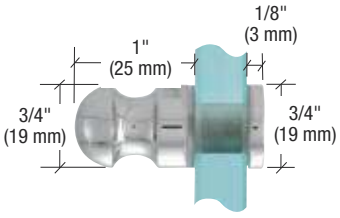
SPECIFICATIONS:

Glass Thickness Range:
1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required:
3/8" or 1/2" (10 or 12 mm)

CAT. NO.	FINISH
19MKCH	Polished Chrome
19MKBN	Brushed Nickel
19MKPN	Polished Nickel
19MKBR	Polished Brass
19MK0RB	Oil Rubbed Bronze

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

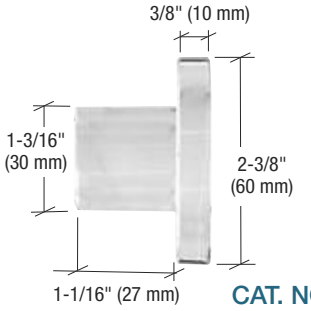


MODEL 19MK

CRL Single-Sided Solid Knob

- **Transparent Crystal**

CRL's Solid Glass UV Knob can provide several applications: Door Knob. Foot for Glass Showcase, or Robe Hook on a Shower Door. Miniumum order is one each.



CAT. NO.
SDK061

NOTE: Knob adheres to glass using our UV702 Series High Viscosity, Optically Clear UV Adhesive. Go to **crlaurence.com/uv-bonding** for complete technical information, spec data, MSDS, and a video.



CRL Back-to-Back Cylinder Style Knob

USE MONOLITHIC TEMPERED GLASS

PHOTO GALLERY crlaurence.com

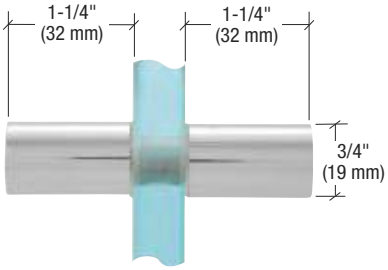
SPECIFICATIONS:

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)

WITHOUT PLASTIC SLEEVE CAT. NO.	WITH PLASTIC SLEEVE CAT. NO.	FINISH
SDK112CH	SDKP112CH	Polished Chrome
SDK112BN	SDKP112BN	Brushed Nickel
SDK112PN	SDKP112PN	Polished Nickel
SDK112BR	SDKP112BR	Polished Brass
SDK1120RB	SDKP1120RB	Oil Rubbed Bronze

Minimum order: 1 each. All Knobs can be combined for quantity pricing.





MODEL SDK112
Without Plastic Sleeve

MODEL SDKP112
With Plastic Sleeve
(Protects Against Glass-to-Metal Contact)

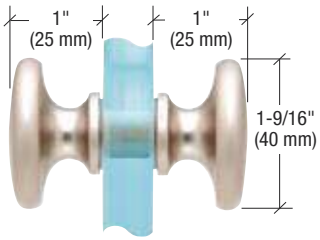
CRL Back-to-Back Traditional Knob

MORE FINISHES crlaurence.com

SPECIFICATIONS:

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



CAT. NO.	FINISH
SDK100CH	Polished Chrome
SDK100BN	Brushed Nickel
SDK100PN	Polished Nickel
SDK100BR	Polished Brass
SDK1000RB	Oil Rubbed Bronze

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

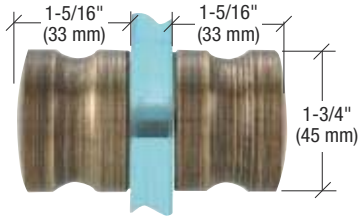
CRL Back-to-Back Euro Knob

MORE CHOICES crlaurence.com

SPECIFICATIONS:

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



CAT. NO.	FINISH
SDK120CH	Polished Chrome
SDK120BN	Brushed Nickel
SDK120PN	Polished Nickel
SDK120BR	Polished Brass
SDK1200RB	Oil Rubbed Bronze

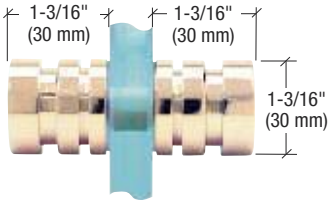
Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Back-to-Back Contemporary Knob

SPECIFICATIONS:

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



CAT. NO.	FINISH
SDK106CH	Polished Chrome
SDK106BN	Brushed Nickel
SDK106PN	Polished Nickel
SDK106BR	Polished Brass
SDK1060RB	Oil Rubbed Bronze

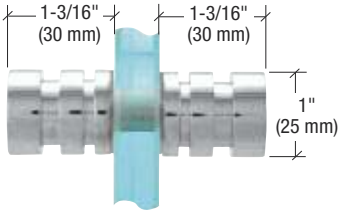
Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Junior Back-to-Back Contemporary Knob

SPECIFICATIONS:

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



CAT. NO.	FINISH
SDK107CH	Polished Chrome
SDK107BN	Brushed Nickel
SDK107PN	Polished Nickel
SDK107BR	Polished Brass
SDK1070RB	Oil Rubbed Bronze

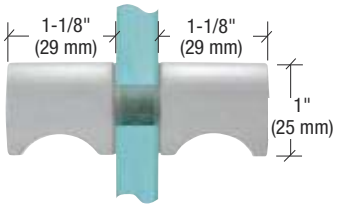
Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Back-to-Back Crescent Grip Knob

SPECIFICATIONS:

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



CAT. NO.	FINISH
SDK140CH	Polished Chrome
SDK140BN	Brushed Nickel
SDK140PN	Polished Nickel
SDK140BR	Polished Brass
SDK1400RB	Oil Rubbed Bronze

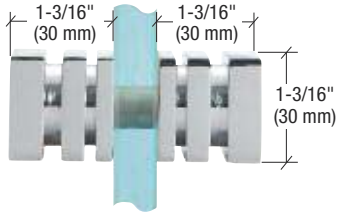
Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Back-to-Back Square Knob

SPECIFICATIONS:

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)

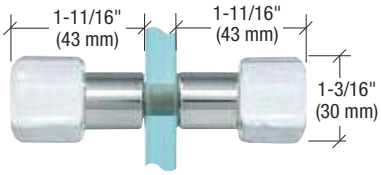


CAT. NO.	FINISH
SDK160CH	Polished Chrome
SDK160SC	Brushed Nickel
SDK160BN	Polished Nickel
SDK160BR	Polished Brass
SDK1600RB	Oil Rubbed Bronze

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Back-to-Back Glass Knob

SPECIFICATIONS:
Glass Thickness Range:
1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required:
3/8" (10 mm)





MORE FINISHES crlaurence.com



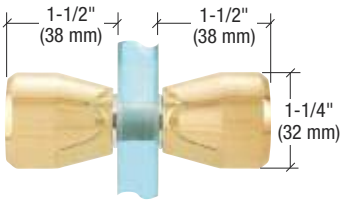
CAT. NO.	DESCRIPTION
SDK410CR	Glass Knob with Chrome Plated Inserts

Minimum order: 1 each. All Knobs can be combined for quantity pricing.



CRL Back-to-Back Bow Tie Knob

SPECIFICATIONS:
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



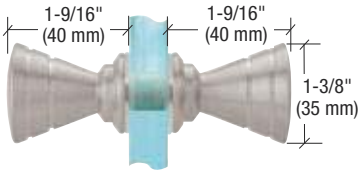
CAT. NO.	FINISH
SDK109CH	Polished Chrome
SDK109BN	Brushed Nickel
SDK109PN	Polished Nickel
SDK109BR	Polished Brass
SDK1090RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Back-to-Back Ribbed Bow-Tie Knob

SPECIFICATIONS:
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



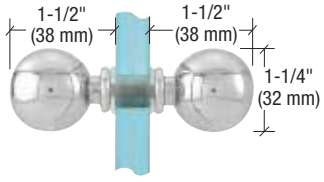
CAT. NO.	FINISH
SDK046CH	Polished Chrome
SDK046BN	Brushed Nickel
SDK046PN	Polished Nickel
SDK046BR	Polished Brass
SDK0460RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Back-to-Back Ball Knob

SPECIFICATIONS:
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



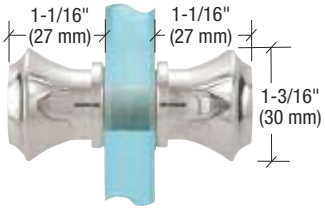
CAT. NO.	FINISH
SDK075CH	Polished Chrome
SDK075BN	Brushed Nickel
SDK075PN	Polished Nickel
SDK075BR	Polished Brass
SDK0750RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Back-to-Back Flair Knob

SPECIFICATIONS:
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 3/8" or 1/2" (10 or 12 mm)



CAT. NO.	FINISH
SDK053CH	Polished Chrome
SDK053BN	Brushed Nickel
SDK053PN	Polished Nickel
SDK053BR	Polished Brass
SDK0530RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

CRL Knob Latches (180 and 135 Degree Models)

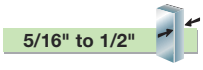


MODEL LAT001
180 Degree Model With 2-1/2" (63 mm) Throw Extension Shown With J-Hook for Glass-to-Glass Installation



MODEL LAT135
135 Degree Model With 2" (51 mm) Throw Extension Shown With J-Hook for Glass-to-Glass Installation

Knob includes a Tapered Strike (180 Degree Model only) for glass-to-wall installation, and a J-Hook for glass-to-glass installations. J-Hook is adhered using our water clear UV70330 UV Adhesive (see **crlaurence.com/uv-bonding**).
NOTE: LAT001 Knob Latch does not include mounting screws for the tapered strike, due to variations in mounting surfaces. Customer should choose a mounting screw appropriate to surface type.



SPECIFICATIONS:
Glass Thickness Range:
5/16" to 1/2" (8 to 12 mm)
Hole Diameter Required:
7/8" (22 mm)

180 DEGREE CAT. NO.	135 DEGREE CAT. NO.	FINISH
LAT001CH	LAT135CH	Polished Chrome
LAT001BN	LAT135BN	Brushed Nickel
LAT001PN	LAT135PN	Polished Nickel
LAT001BR	LAT135BR	Polished Brass
LAT0010RB	LAT1350RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Knobs can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL BM Series Back-to-Back Pull Handles (With Metal Washers)

MORE FINISHES crlaurence.com

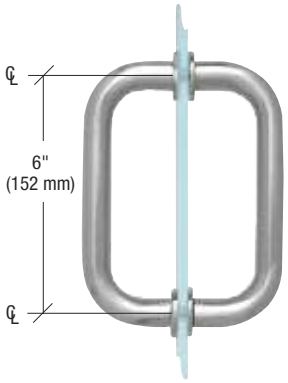
USE MONOLITHIC TEMPERED GLASS

- **Our Most Popular Handle**
- **Decorative Metal Washers Serve to Cover Rough Holes in Glass**

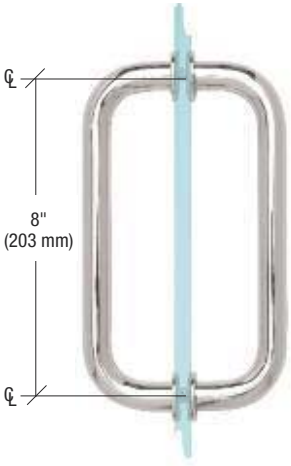
6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
BM6X6CH	BM8X8CH	Polished Chrome
BM6X6BN	BM8X8BN	Brushed Nickel
BM6X6PN	BM8X8PN	Polished Nickel
BM6X6BR	BM8X8BR	Polished Brass
BM6X60RB	BM8X80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL BM6X6



MODEL BM8X8

SPECIFICATIONS:

Material: Heavy 3/4" (19 mm) Diameter Brass, or Stainless Steel Tubing; 1-1/4" (32 mm) Diameter Washers

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)



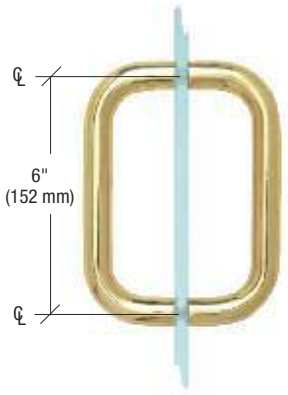
CRL BM Series Back-to-Back Pull Handles (Without Metal Washers)

- **No Metal Washers Create a Sleek, Continuous Profile of the Pull Handle**

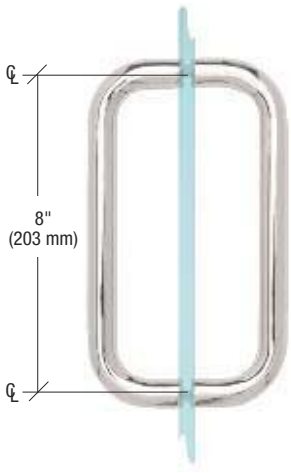
6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
BMNW6X6CH	BMNW8X8CH	Polished Chrome
BMNW6X6BN	BMNW8X8BN	Brushed Nickel
BMNW6X6PN	BMNW8X8PN	Polished Nickel
BMNW6X6BR	BMNW8X8BR	Polished Brass
BMNW6X60RB	BMNW8X80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL BMNW6X6



MODEL BMNW8X8

SPECIFICATIONS:

Material: Heavy 3/4" (19 mm) Diameter Brass, or Stainless Steel Tubing

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)

CRL SD Series Regular Style Back-to-Back Pull Handles (With Metal Washers)

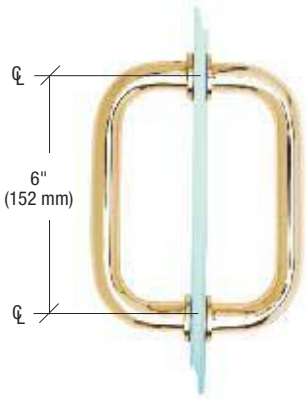
PHOTO GALLERY crlaurence.com

- **Traditional Appearance and Style**

CAT. NO.	FINISH
SDPR6CH	Polished Chrome
SDPR6BN	Brushed Nickel
SDPR6PN	Polished Nickel
SDPR6BR	Polished Brass
SDPR60RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



SPECIFICATIONS:

Material: Heavy 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick); 1-1/4" (32 mm) Diameter Washers

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing: 6" (152 mm)

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL SD Series Circular Style Back-to-Back Pull Handles (With Metal Washers)



MORE FINISHES crlaurence.com

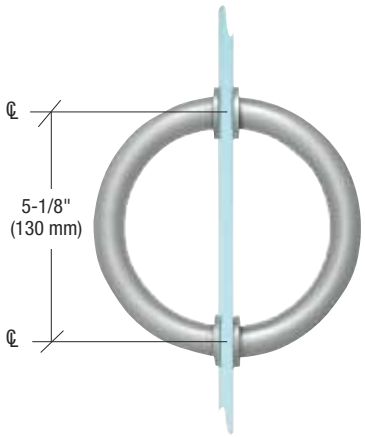
USE MONOLITHIC TEMPERED GLASS

- Circular Shape Ideal for Matching Softer or Curved Décors
- Heavy Wall Brass Tubing

CAT. NO.	FINISH
SDPC575CH	Polished Chrome
SDPC575BN	Brushed Nickel
SDPC575PN	Polished Nickel
SDPC575BR	Polished Brass
SDPC5750RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



SPECIFICATIONS:
Material: Heavy 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick); 1-1/4" (32 mm) Diameter Washers
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 5-1/8" (130 mm)

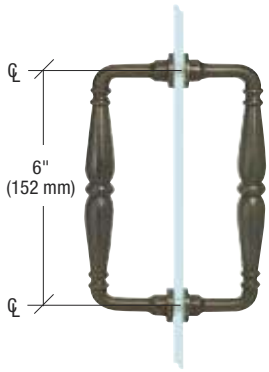
CRL Victorian Series Back-to-Back Pull Handles (With Metal Washers)

- Eye-Catching Appeal With a Contoured Appearance
- Firm Grip With a Strong Solid Brass Feel

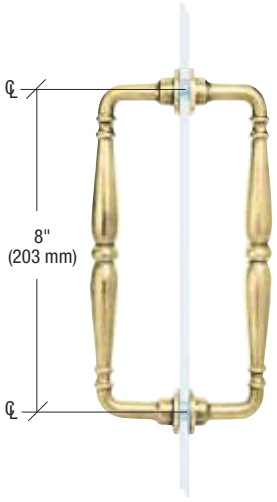
6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
V1C6X6CH	V1C8X8CH	Polished Chrome
V1C6X6BN	V1C8X8BN	Brushed Nickel
V1C6X6PN	V1C8X8PN	Polished Nickel
V1C6X6BR	V1C8X8BR	Polished Brass
V1C6X60RB	V1C8X80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL V1C6X6



MODEL V1C8X8

SPECIFICATIONS:
Material: Solid Brass; 1-1/4" (32 mm) Diameter Washers
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)

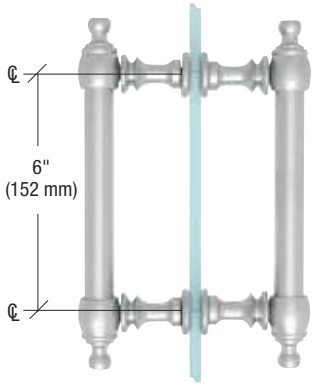
CRL Colonial Series Back-to-Back Pull Handles

- Unique Appearance With Multiple Contours and Fittings
- Integrated Brass Hardware

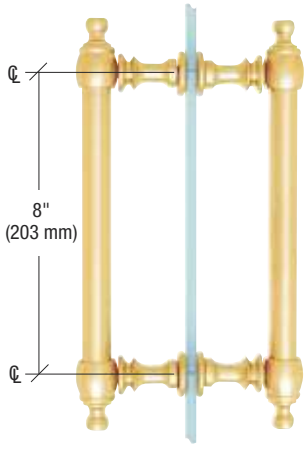
6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
C0L6X6CH	C0L8X8CH	Polished Chrome
C0L6X6BN	C0L8X8BN	Brushed Nickel
C0L6X6PN	C0L8X8PN	Polished Nickel
C0L6X6BR	C0L8X8BR	Polished Brass
C0L6X60RB	C0L8X80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL C0L6X6



MODEL C0L8X8

SPECIFICATIONS:
Material: 3/4" (19 mm) Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)

CRL SQ Series Square Tubing Mitered Corner Back-to-Back Tubular Pull Handles



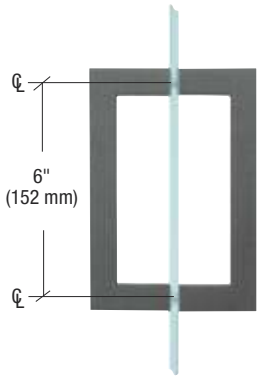
MORE FINISHES crlaurence.com

- Square Corners Make This Handle the Ideal Choice to Match Square Cornered Hinges
- No Metal Washers Allow for Continuity of Square Profile

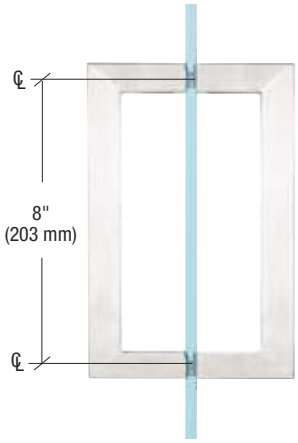
6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
SQ6X6CH	SQ8X8CH	Polished Chrome
SQ6X6BN	SQ8X8BN	Brushed Nickel
SQ6X6PN	SQ8X8PN	Polished Nickel
SQ6X6BR	SQ8X8BR	Polished Brass
SQ6X60RB	SQ8X80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL SQ6X6



MODEL SQ8X8

USE MONOLITHIC TEMPERED GLASS

SPECIFICATIONS:
Material: 3/4" (19 mm) Square Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)

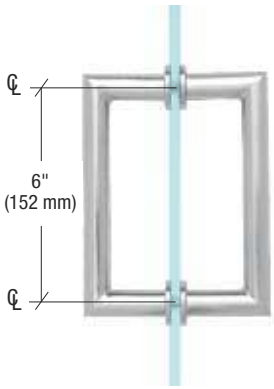
CRL MT Series Round Tubing Mitered Corner Back-to-Back Tubular Pull Handles (With Metal Washers)

- Attractive Handle Adds Contrast to Décor
- Round Tubing Provides Comfortable Grip

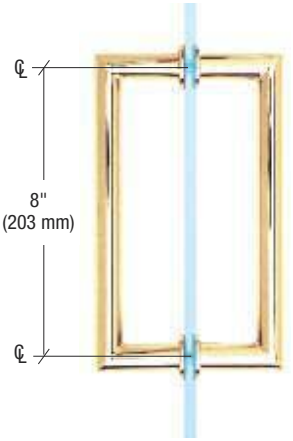
6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
MT6X6CH	MT8X8CH	Polished Chrome
MT6X6BN	MT8X8BN	Brushed Nickel
MT6X6PN	MT8X8PN	Polished Nickel
MT6X6BR	MT8X8BR	Polished Brass
MT6X60RB	MT8X80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL MT6X6



MODEL MT8X8

SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing; 1-1/4" (32 mm) Metal Washers
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)

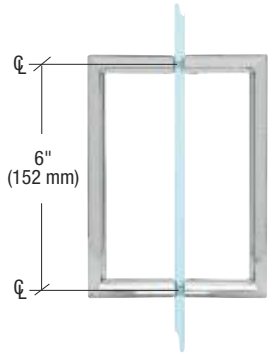
CRL RM Series Flat Outside/Round Inside Back-to-Back Tubular Pull Handles

- Offers Best of Both Worlds Combining Features of SQ and MT Series Handles
- Flat Outside Face With Comfortable Rounded Inside Grip

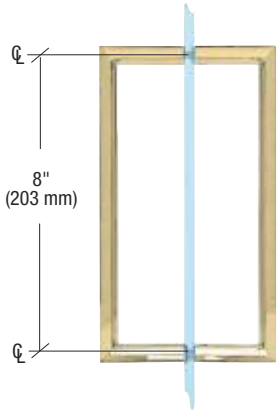
6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
RM6X6CH	RM8X8CH	Polished Chrome
RM6X6BN	RM8X8BN	Brushed Nickel
RM6X6PN	RM8X8PN	Polished Nickel
RM6X6BR	RM8X8BR	Polished Brass
RM6X60RB	RM8X80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL RM6X6



MODEL RM8X8



SPECIFICATIONS:
Material: 3/4" (19 mm) Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)

CRL Ladder Style Back-to-Back Pull Handles

- **For Unique Shower Door Appearance and Contemporary Design**
- **Offered in Choice of Two Different Diameters**

OVERALL HANDLE LENGTHS

10" (254 MM) SIZE CAT. NO.	12" (305 MM) SIZE CAT. NO.	FINISH
LP6X6CH	LP8X8CH	Polished Chrome
LP6X6BN	LP8X8BN	Brushed Nickel
LP6X6PN	LP8X8PN	Polished Nickel
LP6X6BR	LP8X8BR	Polished Brass
LP6X60RB	LP8X80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL LP6X6
6" Center-to-Center Size

MODEL LP8X8
8" Center-to-Center Size

OVERALL HANDLE LENGTHS

24" (610 MM) SIZE CAT. NO.	36" (914 MM) SIZE CAT. NO.	48" (1219 MM) SIZE CAT. NO.	FINISH
LP24CH	LP36CH	LP48CH	Polished Chrome
LP24BN	LP36BN	LP48BN	Brushed Nickel
LP24BR	LP36BR	LP48BR	Polished Brass
LP240RB	LP360RB	LP480RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

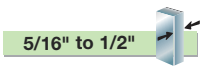
Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL LP24
12" Center-to-Center Size

MODEL LP36
24" Center-to-Center Size

MODEL LP48
36" Center-to-Center Size





MORE FINISHES crlaurence.com

SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing 6" and 8" (152 mm and 203 mm) Sizes; 1-1/4" (32 mm) Brass Tubing All Other Sizes
Glass Thickness Range: 5/16" to 1/2" (8 to 12 mm)
Hole Diameter Required: For 6" and 8" (152 and 203 mm) Handles: 1/2" (12 mm); For All Other Sizes: 5/8" (16 mm)
Center-to-Center Hole Spacing: See next to product photos

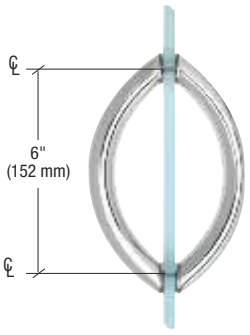
CRL Crescent Series Back-to-Back Pull Handles

- **Crescent or "Eyelet" Shape Stands Out from the Ordinary**
- **Sleek Profile With No Metal Washers**

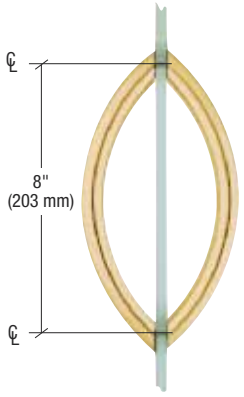
6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	FINISH
CSH6X6CH	CSH8X8CH	Polished Chrome
CSH6X6BN	CSH8X8BN	Brushed Nickel
CSH6X6PN	CSH8X8PN	Polished Nickel
CSH6X6BR	CSH8X8BR	Polished Brass
CSH6X60RB	CSH8X80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

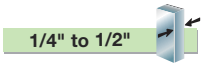
Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL CSH6X6



MODEL CSH8X8



SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)

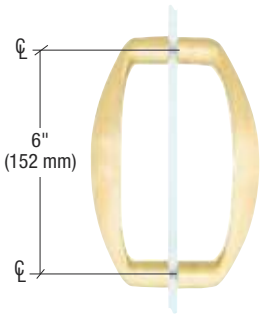
CRL Sculptured Style Back-to-Back Pull Handles

- **Strong Appeal With a Defined, Unique Appearance**
- **A Great Choice for Heavier Shower Doors**

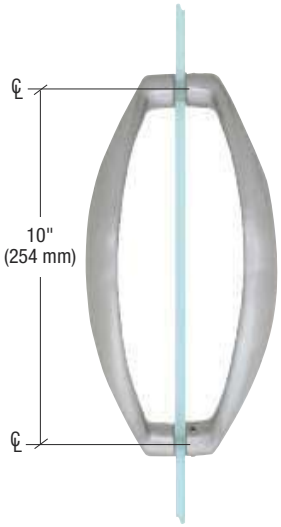
6" (152 MM) SIZE CAT. NO.	10" (254 MM) SIZE CAT. NO.	FINISH
SSDP6CH	CQ10X10CH	Polished Chrome
SSDP6BN	CQ10X10BN	Brushed Nickel
SSDP6PN	CQ10X10PN	Polished Nickel
SSDP6BR	CQ10X10BR	Polished Brass
SSDP60RB	CQ10X100RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL SSDP6



MODEL CQ10X10



SPECIFICATIONS:
Material: Solid Brass
Glass Thickness Range: 3/8" to 1/2" (10 to 12 mm)
Hole Diameter Required: 1/2" (12 mm) for 6" Handles; 5/8" (16 mm) for 10" Handles
Center-to-Center Hole Spacing: 6" (152 mm); 10" (254 mm)

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Solid Brass Back-to-Back and Single-Sided Pull Handles

MORE CHOICES crlaurence.com

- Choice of Handles With or Without Metal Washers
- Back-to-Back Handle Includes Pull for Each Side of Door
- Single-Sided Handle has Decorative End Cap for Other Side of Door



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Solid Brass Rod;
1-1/4" (32 mm) Diameter Metal Washers (SPH and SSP Series Only)
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)





BACK-TO-BACK



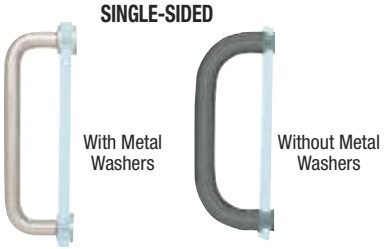
With Metal Washers — Without Metal Washers

BACK-TO-BACK HANDLES

WITH WASHERS 6" (152 MM) SIZE CAT. NO.	WITH WASHERS 8" (203 MM) SIZE CAT. NO.	WITHOUT WASHERS 6" (152 MM) SIZE CAT. NO.	WITHOUT WASHERS 8" (203 MM) SIZE CAT. NO.	FINISH
SPH6CH	SPH8CH	BPD6CH	BPD8CH	Polished Chrome
SPH6BN	SPH8BN	BPD6BN	BPD8BN	Brushed Nickel
SPH6PN	SPH8PN	BPD6PN	BPD8PN	Polished Nickel
SPH6BR	SPH8BR	BPD6BR	BPD8BR	Polished Brass
SPH60RB	SPH80RB	BPD60RB	BPD80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

SINGLE-SIDED



With Metal Washers — Without Metal Washers

SINGLE-SIDED HANDLES

WITH WASHERS 6" (152 MM) SIZE CAT. NO.	WITH WASHERS 8" (203 MM) SIZE CAT. NO.	WITHOUT WASHERS 6" (152 MM) SIZE CAT. NO.	WITHOUT WASHERS 8" (203 MM) SIZE CAT. NO.	FINISH
SSP6CH	SSP8CH	BPS6CH	BPS8CH	Polished Chrome
SSP6BN	SSP8BN	BPS6BN	BPS8BN	Brushed Nickel
SSP6PN	SSP8PN	BPS6PN	BPS8PN	Polished Nickel
SSP6BR	SSP8BR	BPS6BR	BPS8BR	Polished Brass
SSP60RB	SSP80RB	BPS60RB	BPS80RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

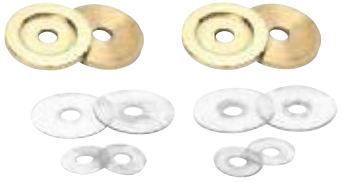
Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Replacement Washer and Washer/Stud Kits for 3/4" Diameter Pull Handles

MORE FINISHES crlaurence.com

For Back-to-Back Pull Handles

- Sold as a Kit of Replacement Parts for One Back-to-Back 3/4" (19 mm) Diameter Pull Handle



MODEL 30WK

Each Kit Contains:
4 Metal and
8 Plastic Washers
(4 Small, 4 Large)

CAT. NO.	FINISH
30WKCH	Polished Chrome
30WKBN	Brushed Nickel
30WKPN	Polished Nickel
30WKBR	Polished Brass
30WK0RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 set. Sizes and finishes can be combined for quantity pricing.

For Single-Sided Pull Handles

- Sold as a Kit of Replacement Parts for One Single-Sided 3/4" (19 mm) Diameter Pull Handle



MODEL 30SK

Each Kit Contains: 2 each 1/4"-20 Threaded Rods with 1-1/4" (32 mm) Diameter End Cap, 2 each 1-1/4" (32 mm) Metal Washers, 6 Plastic Washers (4 Large, 2 Small)

CAT. NO.	FINISH
30SKCH	Polished Chrome
30SKBN	Brushed Nickel
30SKPN	Polished Nickel
30SKBR	Polished Brass
30SK0RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 set. Sizes and finishes can be combined for quantity pricing.

SPECIFICATIONS:

Material: Brass, Plastic
Size: Metal Washers and End Caps are 1-1/4" (32 mm) Diameter. Plastic Washers Come in Two Diameters, 1-1/4" (32 mm) and 3/4" (19 mm)

CRL 1" Diameter Solid Brass Back-to-Back Pull Handles

MORE FINISHES crlaurence.com

- **Thick 1" (25 mm) Diameter Solid Brass Rod Handle Provides Firm Grip**
- **Sleek Profile Appearance With No Metal Washers**
- **A Great Choice for Heavy Doors**

CAT. NO.	FINISH
SBP81CH	Polished Chrome
SBP81BN	Brushed Nickel
SBP81PN	Polished Nickel
SBP81BR	Polished Brass
SBP810RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.







SPECIFICATIONS:

Material: 1" (25 mm) Diameter Solid Brass Rod

Glass Thickness Range: 3/8" to 1/2" (10 to 12 mm)

Hole Diameter Required: 5/8" (16 mm)

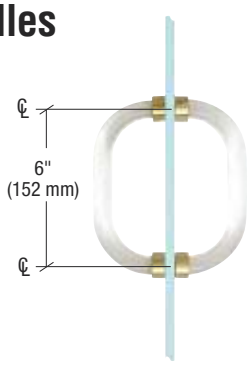
Center-to-Center Hole Spacing: 8" (203 mm)

CRL Acrylic Back-to-Back Pull Handles (With Metal Washers)

- **Acrylic Material Helps Perpetuate the 'All-Glass' Look**
- **Choice of Finish for Accent Ring Washers to Assist in Matching Various Décors**

6" (152 MM) SIZE CAT. NO.	8" (203 MM) SIZE CAT. NO.	ACCENT RING FINISH
CAP6X6CH	CAP8X8CH	Polished Chrome
CAP6X6BN	CAP8X8BN	Brushed Nickel
CAP6X6BR	CAP8X8BR	Polished Brass

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



MODEL CAP6X6



MODEL CAP8X8



SPECIFICATIONS:

Materials: 3/4" (19 mm) Acrylic Rod; 1" (25 mm) Diameter Metal Washers

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing: 6" (152 mm); 8" (203 mm)

CRL Slip-On Handles for Frameless Pivot and Sliding Doors

- **Excellent for New or Retrofit Applications**
- **No Glass Fabrication Required**

SPECIFICATIONS:

Material: Aluminum

Glass Thickness Range: 3/16" to 1/4" (5 to 6 mm)

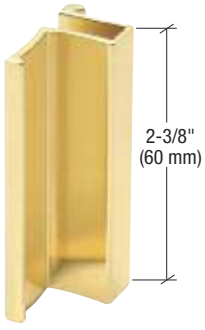
No Glass Fabrication Required

CAT. NO.	SIZE	APPLICATION	FINISH
S0H238CH	2-3/8" (60 mm)	Bypass Sliding Door	Brite Chrome
S0H238BR	2-3/8" (60 mm)	Bypass Sliding Door	Brite Brass
S0H238BN	2-3/8" (60 mm)	Bypass Sliding Door	Brushed Nickel
S0H334CH	3-3/4" (95 mm)	Pivot Door	Brite Chrome
S0H334BR	3-3/4" (95 mm)	Pivot Door	Brite Brass
S0H334BN	3-3/4" (95 mm)	Pivot Door	Brushed Nicke

Minimum order: 1 each. All Slip-On Handles can be combined for quantity pricing.



CAT. NO. TMAG212
Replacement Magnet for S0H334
(Apply With VHB Tape)



MODEL S0H238
Sliding Door Handle



MODEL S0H334
Pivot Door Handle

CRL Clear Replacement Washers, Grommets, and Gaskets

- **Common Replacement Parts for Various CRL Handles**

CAT. NO.	DESCRIPTION
HW058	3/4" (19 mm) Diameter Clear Washer
HW059	1/2" (12 mm) O.D. x 1/4" (6 mm) I.D. Clear Grommet
DH114GASK	1-1/4" (32 mm) Diameter Clear Gasket

Minimum order: 10 each. Sold in increments of 10 only.



CAT. NO. HW058



CAT. NO. HW059



CAT. NO. DH114GASK

CRL BM Series Pull Handle/Towel Bar Combinations (With Metal Washers)

- Provides a Functional Pull Handle for Inside the Enclosure, Along With a Convenient Towel Bar for the Outside
- Sizes Incorporating 22" (559 mm) Towel Bars are Excellent for Use With Popular 28" (711 mm) Wide Doors







MORE FINISHES crlaurence.com

SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing; 1-1/4" (32 mm) Diameter Washers
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing:
6" Pull = 6" (152 mm);
8" Pull = 8" (203 mm);
12" Pull = 12" (305 mm);
12" Towel Bar = 12" (305 mm);
18" Towel Bar = 18" (457 mm);
20" Towel Bar = 20" (508 mm);
22" Towel Bar = 22" (559 mm);
24" Towel Bar = 24" (610 mm)

6" HANDLE WITH 12" TOWEL BAR CAT. NO.	6" HANDLE WITH 18" TOWEL BAR CAT. NO.	6" HANDLE WITH 22" TOWEL BAR CAT. NO.	6" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
BM6X12CH	BM6X18CH	BM6X22CH	BM6X24CH	Polished Chrome
BM6X12BN	BM6X18BN	BM6X22BN	BM6X24BN	Brushed Nickel
BM6X12PN	BM6X18PN	BM6X22PN	BM6X24PN	Polished Nickel
BM6X12BR	BM6X18BR	BM6X22BR	BM6X24BR	Polished Brass
BM6X120RB	BM6X180RB	BM6X220RB	BM6X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

8" HANDLE WITH 18" TOWEL BAR CAT. NO.	8" HANDLE WITH 20" TOWEL BAR CAT. NO.	8" HANDLE WITH 22" TOWEL BAR CAT. NO.	8" HANDLE WITH 24" TOWEL BAR CAT. NO.	12" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
BM8X18CH	BM8X20CH	BM8X22CH	BM8X24CH	BM12X24CH	Polished Chrome
BM8X18BN	BM8X20BN	BM8X22BN	BM8X24BN	BM12X24BN	Brushed Nickel
BM8X18PN	---	BM8X22PN	BM8X24PN	BM12X24PN	Polished Nickel
BM8X18BR	---	BM8X22BR	BM8X24BR	BM12X24BR	Polished Brass
BM8X180RB	---	BM8X220RB	BM8X240RB	BM12X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

CRL BM Series Pull Handle/Towel Bar Combinations (Without Metal Washers)

- Provides a Functional Pull Handle for Inside the Enclosure, Along With a Convenient Towel Bar for the Outside
- Sizes Featuring 22" (559 mm) Towel Bar are Excellent for Use With Popular 28" (711 mm) Wide Doors



PHOTO GALLERY crlaurence.com

SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing:
6" Pull = 6" (152 mm);
8" Pull = 8" (203 mm);
12" Pull = 12" (305 mm);
12" Towel Bar = 12" (305 mm);
18" Towel Bar = 18" (457 mm);
22" Towel Bar = 22" (559 mm);
24" Towel Bar = 24" (610 mm)

6" HANDLE WITH 12" TOWEL BAR CAT. NO.	6" HANDLE WITH 18" TOWEL BAR CAT. NO.	6" HANDLE WITH 22" TOWEL BAR CAT. NO.	6" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
BMNW6X12CH	BMNW6X18CH	BMNW6X22CH	BMNW6X24CH	Polished Chrome
BMNW6X12BN	BMNW6X18BN	BMNW6X22BN	BMNW6X24BN	Brushed Nickel
BMNW6X12PN	BMNW6X18PN	BMNW6X22PN	BMNW6X24PN	Polished Nickel
BMNW6X12BR	BMNW6X18BR	BMNW6X22BR	BMNW6X24BR	Polished Brass
BMNW6X120RB	BMNW6X180RB	BMNW6X220RB	BMNW6X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

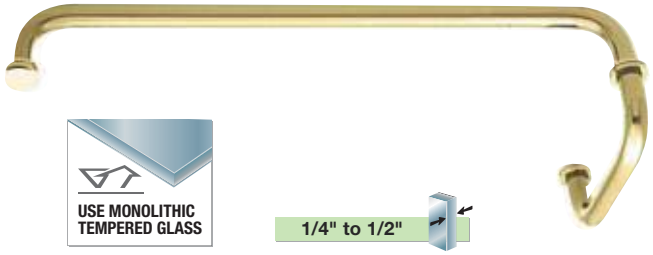
8" HANDLE WITH 18" TOWEL BAR CAT. NO.	8" HANDLE WITH 22" TOWEL BAR CAT. NO.	8" HANDLE WITH 24" TOWEL BAR CAT. NO.	12" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
BMNW8X18CH	BMNW8X22CH	BMNW8X24CH	BMNW12X24CH	Polished Chrome
BMNW8X18BN	BMNW8X22BN	BMNW8X24BN	BMNW12X24BN	Brushed Nickel
BMNW8X18PN	BMNW8X22PN	BMNW8X24PN	BMNW12X24PN	Polished Nickel
BMNW8X18BR	BMNW8X22BR	BMNW8X24BR	BMNW12X24BR	Polished Brass
BMNW8X180RB	BMNW8X220RB	BMNW8X240RB	BMNW12X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

CRL SD Series Pull Handle/Towel Bar Combinations (With Metal Washers)

- **Traditional Pull Handle/Towel Bar Combination Provides a Pull Handle for Inside the Door With a Towel Bar for the Outside**



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing;
1-1/4" (32 mm) Diameter Washers

Glass Thickness Range:
1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:
6" Pull = 6" (152 mm);
12" Pull = 12" (305 mm);
12" Towel Bar = 12" (305 mm);
18" Towel Bar = 18" (457 mm);
24" Towel Bar = 24" (610 mm)

6" HANDLE WITH 12" TOWEL BAR CAT. NO.	6" HANDLE WITH 18" TOWEL BAR CAT. NO.	6" HANDLE WITH 24" TOWEL BAR CAT. NO.	12" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
SDP6TB12CH	SDP6TB18CH	SDP6TB24CH	SDP12TB24CH	Polished Chrome
SDP6TB12BN	SDP6TB18BN	SDP6TB24BN	SDP12TB24BN	Brushed Nickel
SDP6TB12PN	SDP6TB18PN	SDP6TB24PN	---	Polished Nickel
SDP6TB12BR	SDP6TB18BR	SDP6TB24BR	SDP12TB24BR	Polished Brass
SDP6TB120RB	SDP6TB180RB	SDP6TB240RB	SDP12TB240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

CRL Victorian Series Pull Handle/Towel Bar Combinations (With Metal Washers)

- **Part of Our Victorian Series of Accessories Featuring the Same Contoured Visual Appeal as Our Handles and Towel Bars**



SPECIFICATIONS:

Material: Solid Brass;
1-1/4" (32 mm) Diameter Metal Washers

Glass Thickness Range:
1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:
6" Pull Handle = 6" (152 mm);
8" Pull Handle = 8" (203 mm);
18" Towel Bar = 18" (457 mm);
24" Towel Bar = 24" (610 mm)

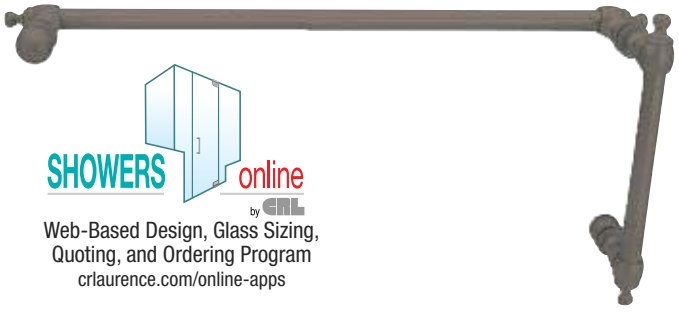
6" HANDLE WITH 18" TOWEL BAR CAT. NO.	6" HANDLE WITH 24" TOWEL BAR CAT. NO.	8" HANDLE WITH 18" TOWEL BAR CAT. NO.	8" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
V1C6X18CH	V1C6X24CH	V1C8X18CH	V1C8X24CH	Polished Chrome
V1C6X18BN	V1C6X24BN	V1C8X18BN	V1C8X24BN	Brushed Nickel
---	---	V1C8X18PN	V1C8X24PN	Polished Nickel
V1C6X18BR	V1C6X24BR	V1C8X18BR	V1C8X24BR	Polished Brass
V1C6X180RB	V1C6X240RB	V1C8X180RB	V1C8X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

CRL Colonial Series Pull Handle/Towel Bar Combinations

- **Part of Our Colonial Series of Accessories Featuring the Same Design as Colonial Handles and Towel Bars**



SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

SPECIFICATIONS:

Material: Tubular Brass

Glass Thickness Range:
1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:
6" Pull Handle = 6" (152 mm)
18" Towel Bar = 18" (457 mm);
24" Towel Bar = 24" (610 mm)

6" HANDLE WITH 18" TOWEL BAR CAT. NO.	6" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
C0L6X18CH	C0L6X24CH	Polished Chrome
C0L6X18BN	C0L6X24BN	Brushed Nickel
C0L6X18BR	C0L6X24BR	Polished Brass
C0L6X180RB	C0L6X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

CRL SHOWER HANDLE/TOWEL BAR COMBINATIONS

go to: crlaurence.com/**shower-towel-bars**

CRL SQ Series Square Tubing Pull Handle/Towel Bar Combinations

- **Part of Our "SQ" Series Square Line of Accessories Featuring the Same Mitered Corners as Our Handles and Towel Bars**
- **Made of 3/4" (19 mm) Brass Tubing**





SPECIFICATIONS:

Material: 3/4" (19 mm) Brass Tubing

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:

6" Pull Handle = 6" (152 mm);
8" Pull Handle = 8" (203 mm);
18" Towel Bar = 18" (457 mm);
24" Towel Bar = 24" (610 mm);

6" HANDLE WITH 18" TOWEL BAR CAT. NO.	6" HANDLE WITH 24" TOWEL BAR CAT. NO.	8" HANDLE WITH 18" TOWEL BAR CAT. NO.	8" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
SQ6X18CH	SQ6X24CH	SQ8X18CH	SQ8X24CH	Polished Chrome
SQ6X18BN	SQ6X24BN	SQ8X18BN	SQ8X24BN	Brushed Nickel
SQ6X18PN	SQ6X24PN	SQ8X18PN	SQ8X24PN	Polished Nickel
SQ6X18BR	SQ6X24BR	SQ8X18BR	SQ8X24BR	Polished Brass
SQ6X180RB	SQ6X240RB	SQ8X180RB	SQ8X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

CRL MT Series Round Tubing With Mitered Corners Pull Handle/Towel Bar Combinations (With Metal Washers)

- **Part of Our "MT" Series Round Tubing Line of Accessories Featuring the Same Mitered Corners as Our Handles and Towel Bars**



Glass Cleaners
crlaurence.com/glass-cleaners

SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing;
1-1/4" (32 mm) Diameter Metal Washers

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:

6" Pull Handle = 6" (152 mm);
8" Pull Handle = 8" (203 mm);
18" Towel Bar = 18" (457 mm);
24" Towel Bar = 24" (610 mm)

6" HANDLE WITH 18" TOWEL BAR CAT. NO.	6" HANDLE WITH 24" TOWEL BAR CAT. NO.	8" HANDLE WITH 18" TOWEL BAR CAT. NO.	8" HANDLE WITH 24" TOWEL BAR CAT. NO.	FINISH
MT6X18CH	MT6X24CH	MT8X18CH	MT8X24CH	Polished Chrome
MT6X18BN	MT6X24BN	MT8X18BN	MT8X24BN	Brushed Nickel
MT6X18PN	MT6X24PN	MT8X18PN	MT8X24PN	Polished Nickel
MT6X18BR	MT6X24BR	MT8X18BR	MT8X24BR	Polished Brass
MT6X180RB	MT6X240RB	MT8X180RB	MT8X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pulls and Bars can be combined for quantity pricing.

CRL Towel Bar/Knob Combinations (With Metal Washers)

- **Two Sizes and Two Knob Styles Available**



Contemporary Knob

CAT. NO. TBCC18
18" (457 mm) Towel Bar
With Contemporary Knob

CAT. NO. TBCC24
24" (610 mm) Towel Bar
With Contemporary Knob

TOWEL BAR WITH CONTEMPORARY KNOB

CONTEMP. KNOB WITH 18" TOWEL BAR CAT. NO.	CONTEMP. KNOB WITH 24" TOWEL BAR CAT. NO.	FINISH
TBCC18CH	TBCC24CH	Polished Chrome
TBCC18BN	TBCC24BN	Brushed Nickel
TBCC18PN	TBCC24PN	Polished Nickel
TBCC18BR	TBCC24BR	Polished Brass
TBCC180RB	TBCC240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull and Bars can be combined for quantity pricing.

SPECIFICATIONS:

Material: Towel Bar 3/4" (19 mm) Diameter Brass Tubing;
1-1/4" (32 mm) Diameter Metal Washers; Knob-Solid Brass

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing: 18" Towel Bar = 18" (457 mm)
24" Towel Bar = 24" (610 mm)



Traditional Knob

CAT. NO. TBCT18
18" (457 mm) Towel Bar
With Traditional Knob

CAT. NO. TBCT24
24" (610 mm) Towel Bar
With Traditional Knob

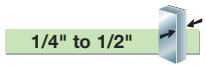
TOWEL BAR WITH TRADITIONAL KNOB

TRAD. KNOB WITH 18" TOWEL BAR CAT. NO.	TRAD. KNOB WITH 24" TOWEL BAR CAT. NO.	FINISH
TBCT18CH	TBCT24CH	Polished Chrome
TBCT18BN	TBCT24BN	Brushed Nickel
TBCT18PN	TBCT24PN	Polished Nickel
TBCT18BR	TBCT24BR	Polished Brass
TBCT180RB	TBCT240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Pull and Bars can be combined for quantity pricing.

CRL BM Series Single-Sided Towel Bars (With Metal Washers)





- **Decorative Metal Washers Also Serve to Cover Any Blemished Hole in Glass**
- **Our Most Popular Single-Sided Towel Bar**

SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick); 1-1/4" (32 mm) Diameter Metal Washers
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)



MORE FINISHES crlaurence.com

Center-to-Center Hole Spacing:
12" Towel Bar = 12" (305 mm);
18" Towel Bar = 18" (457 mm);
20" Towel Bar = 20" (508 mm);
22" Towel Bar = 22" (559 mm);
24" Towel Bar = 24" (610 mm);
26" Towel Bar = 26" (660 mm);
27" Towel Bar = 27" (686 mm);
28" Towel Bar = 28" (711 mm);
30" Towel Bar = 30" (762 mm)

12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	20" (508 MM) CAT. NO.	22" (559 MM) CAT. NO.	FINISH
BM12CH	BM18CH	BM20CH	BM22CH	Polished Chrome
BM12BN	BM18BN	BM20BN	BM22BN	Brushed Nickel
BM12PN	BM18PN	BM20PN	BM22PN	Polished Nickel
BM12BR	BM18BR	BM20BR	BM22BR	Polished Brass
BM120RB	BM180RB	BM200RB	BM220RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

24" (610 MM) CAT. NO.	26" (660 MM) CAT. NO.	27" (686 MM) CAT. NO.	28" (711 MM) CAT. NO.	30" (762 MM) CAT. NO.	FINISH
BM24CH	BM26CH	BM27CH	BM28CH	BM30CH	Polished Chrome
BM24BN	BM26BN	BM27BN	BM28BN	BM30BN	Brushed Nickel
BM24PN	BM26PN	BM27PN	BM28PN	BM30PN	Polished Nickel
BM24BR	BM26BR	BM27BR	BM28BR	BM30BR	Polished Brass
BM240RB	BM260RB	BM270RB	BM280RB	BM300RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL BM Series Single-Sided Towel Bars (Without Metal Washers)

***NOTE:** FPK1 Finger Pull Knob can not be retrofitted into existing shower doors and must be planned prior to new installation since a 13/16" or 7/8" (21 or 22 mm) diameter hole is required.

- **Low Profile End Caps Make This Towel Bar Ideal for Sliding Doors as is, or Also With Use of Optional Finger Pull Knob**

SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick)
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)



CRL Finger Pull Knob
Remove existing End Cap on end of Towel Bar and attach FPK1 to Towel Bar for use on Sliding Doors. (Ordered Separately)



CAT. NO. FPK1*

Center-to-Center Hole Spacing:
12" Towel Bar = 12" (305 mm);
18" Towel Bar = 18" (457 mm);
20" Towel Bar = 20" (508 mm);
22" Towel Bar = 22" (559 mm);
24" Towel Bar = 24" (610 mm);
26" Towel Bar = 26" (660 mm);
27" Towel Bar = 27" (686 mm);
28" Towel Bar = 28" (711 mm);
30" Towel Bar = 30" (762 mm)

12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	20" (508 MM) CAT. NO.	22" (559 MM) CAT. NO.	FINISH
BMNW12CH	BMNW18CH	BMNW20CH	BMNW22CH	Polished Chrome
BMNW12BN	BMNW18BN	BMNW20BN	BMNW22BN	Brushed Nickel
BMNW12PN	BMNW18PN	BMNW20PN	BMNW22PN	Polished Nickel
BMNW12BR	BMNW18BR	BMNW20BR	BMNW22BR	Polished Brass
BMNW120RB	BMNW180RB	BMNW200RB	BMNW220RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

24" (610 MM) CAT. NO.	26" (660 MM) CAT. NO.	27" (686 MM) CAT. NO.	28" (711 MM) CAT. NO.	30" (762 MM) CAT. NO.	FINISH
BMNW24CH	BMNW26CH	BMNW27CH	BMNW28CH	BMNW30CH	Polished Chrome
BMNW24BN	BMNW26BN	BMNW27BN	BMNW28BN	BMNW30BN	Brushed Nickel
BMNW24PN	BMNW26PN	BMNW27PN	BMNW28PN	BMNW30PN	Polished Nickel
BMNW24BR	BMNW26BR	BMNW27BR	BMNW28BR	BMNW30BR	Polished Brass
BMNW240RB	BMNW260RB	BMNW270RB	BMNW280RB	BMNW300RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL SD Series Single-Sided Towel Bars (With Metal Washers)

- Traditional Towel Bar Appearance and Style
- Heavy 3/4" (19 mm) Diameter Tubular Construction



SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick); 1-1/4" (32 mm) Diameter Metal Washers
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 12" Towel Bar = 12" (305 mm); 18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

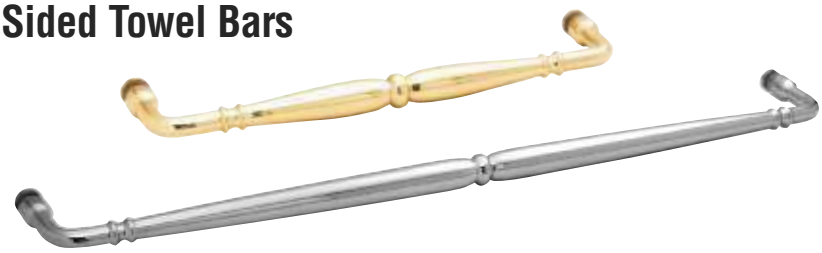
12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
SDTBS12CH	SDTBS18CH	SDTBS24CH	Polished Chrome
SDTBS12BN	SDTBS18BN	SDTBS24BN	Brushed Nickel
SDTBS12PN	SDTBS18PN	SDTBS24PN	Polished Nickel
SDTBS12BR	SDTBS18BR	SDTBS24BR	Polished Brass
SDTBS120RB	SDTBS180RB	SDTBS240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL Victorian Series Single-Sided Towel Bars (With Metal Washers)

- Eye-Catching Appeal With a Contoured Appearance
- Firm Grip With a Strong Solid Brass Feel



SPECIFICATIONS:
Material: Solid Brass; 1-1/4" (32 mm) Diameter Metal Washers
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 12" Towel Bar = 12" (305 mm); 18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
V1C12CH	V1C18CH	V1C24CH	Polished Chrome
V1C12BN	V1C18BN	V1C24BN	Brushed Nickel
V1C12PN	V1C18PN	V1C24PN	Polished Nickel
V1C12BR	V1C18BR	V1C24BR	Polished Brass
V1C120RB	V1C180RB	V1C240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL Colonial Series Single-Sided Towel Bars

- Unique Appearance With Multiple Contours and Fittings
- Integrated All Brass Hardware



SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick)
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
C0L18CH	C0L24CH	Polished Chrome
C0L18BN	C0L24BN	Brushed Nickel
C0L18PN	C0L24PN	Polished Nickel
C0L18BR	C0L24BR	Polished Brass
C0L180RB	C0L240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL SQ Series Square Tubing Mitered Corners Single-Sided Towel Bars







- Clean and Modern Look
- Square Tubing Matches Profile of Many Popular Hinges

SPECIFICATIONS:
Material: 3/4" (19 mm) Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

MORE FINISHES crlaurence.com

18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
SQ18CH	SQ24CH	Polished Chrome
SQ18BN	SQ24BN	Brushed Nickel
SQ18PN	SQ24PN	Polished Nickel
SQ18BR	SQ24BR	Polished Brass
SQ180RB	SQ240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL MT Series Round Tubing Mitered Corners Single-Sided Towel Bars





Glass Cleaners
crlaurence.com/glass-cleaners

- Round Tubing With Mitered Corners Adds Contrast to Décor
- No Metal Washers Creates a Sleek Appearance

SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
MT18CH	MT24CH	Polished Chrome
MT18BN	MT24BN	Brushed Nickel
MT18PN	MT24PN	Polished Nickel
MT18BR	MT24BR	Polished Brass
MT180RB	MT240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL Crescent Series Single-Sided Towel Bars



- Eye-Catching Appeal With an Arched Appearance
- Adds Elegance to Shower Enclosure

SPECIFICATIONS:
Material: 3/4" (19 mm) Diameter Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

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18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
CSH18CH	CSH24CH	Polished Chrome
CSH18BN	CSH24BN	Brushed Nickel
CSH18PN	CSH24PN	Polished Nickel
CSH18BR	CSH24BR	Polished Brass
CSH180RB	CSH240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL Acrylic Single-Sided Towel Bars (With Metal Washers)





Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

- Acrylic Material Helps Perpetuate the 'All-Glass' Look
- Choice of Metal Accent Ring Washers to Assist in Matching Various Decors

SPECIFICATIONS:
Materials: 3/4" (19 mm) Diameter Clear Acrylic Rod; 1" (25 mm) Diameter Brass Washers
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing: 18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
CATB18CH	CATB24CH	Polished Chrome
CATB18BN	CATB24BN	Brushed Nickel
CATB18BR	CATB24BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL BM Series Back-to-Back Towel Bars (With Metal Washers)

MORE FINISHES crlaurence.com

1/4" to 1/2"

USE MONOLITHIC TEMPERED GLASS

- Our Most Popular Back-to-Back Towel Bar Series
- Decorative Metal Washers Also Serve to Cover Any Blemished Hole in Glass



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick); 1-1/4" (32 mm) Diameter Metal Washers

Glass Thickness Range:
1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:
12" Towel Bar = 12" (305 mm);
18" Towel Bar = 18" (457 mm);
20" Towel Bar = 20" (508 mm);
24" Towel Bar = 24" (610 mm);
30" Towel Bar = 30" (762 mm).

12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	20" (508 MM) CAT. NO.	24" (610 MM) CAT. NO.	30" (762 MM) CAT. NO.	FINISH
BM12X12CH	BM18X18CH	BM20X20CH	BM24X24CH	BM30X30CH	Polished Chrome
BM12X12BN	BM18X18BN	---	BM24X24BN	BM30X30BN	Brushed Nickel
BM12X12PN	BM18X18PN	---	BM24X24PN	BM30X30PN	Polished Nickel
BM12X12BR	BM18X18BR	---	BM24X24BR	BM30X30BR	Polished Brass
BM12X120RB	BM18X180RB	---	BM24X240RB	BM30X300RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL BM Series Back-to-Back Towel Bars (Without Metal Washers)

- A Very Popular Back-to-Back Towel Bar
- Washer-Free Design Creates a Sleek, Continuous Profile

PHOTO GALLERY crlaurence.com

SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick)

Glass Thickness Range:
1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:
12" Towel Bar = 12" (305 mm);
18" Towel Bar = 18" (457 mm);
24" Towel Bar = 24" (610 mm);
30" Towel Bar = 30" (762 mm).

12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	30" (762 MM) CAT. NO.	FINISH
BMNW12X12CH	BMNW18X18CH	BMNW24X24CH	BMNW30X30CH	Polished Chrome
BMNW12X12BN	BMNW18X18BN	BMNW24X24BN	BMNW30X30BN	Brushed Nickel
BMNW12X12PN	BMNW18X18PN	BMNW24X24PN	BMNW30X30PN	Polished Nickel
BMNW12X12BR	BMNW18X18BR	BMNW24X24BR	BMNW30X30BR	Polished Brass
BMNW12X120RB	BMNW18X180RB	BMNW24X240RB	BMNW30X300RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL SD Series Back-to-Back Towel Bars (With Metal Washers)

MORE FINISHES crlaurence.com

1/4" to 1/2"

USE MONOLITHIC TEMPERED GLASS

- Traditional Towel Bar Appearance and Style
- Heavy 3/4" (19 mm) Diameter Tubular Construction With Metal Washers



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick); 1-1/4" (32 mm) Diameter Metal Washers

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing: 12" Towel Bar = 12" (305 mm); 18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

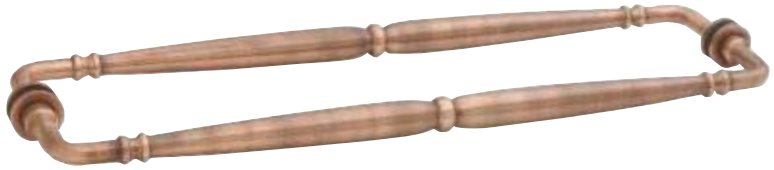
12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
SDTB12X12CH	SDTB18X18CH	SDTB24X24CH	Polished Chrome
SDTB12X12BN	SDTB18X18BN	SDTB24X24BN	Brushed Nickel
SDTB12X12PN	SDTB18X18PN	SDTB24X24PN	Polished Nickel
SDTB12X12BR	SDTB18X18BR	SDTB24X24BR	Polished Brass
SDTB12X120RB	SDTB18X180RB	SDTB24X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL Victorian Series Back-to-Back Towel Bars (With Metal Washers)

- Eye-Catching Appeal With a Contoured Appearance
- Firm Grip With a Strong Solid Brass Feel



SPECIFICATIONS:

Material: Solid Brass; 1-1/4" (32 mm) Diameter Metal Washers

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing: 12" Towel Bar = 12" (305 mm); 18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
V1C12X12CH	V1C18X18CH	V1C24X24CH	Polished Chrome
V1C12X12BN	V1C18X18BN	V1C24X24BN	Brushed Nickel
V1C12X12PN	V1C18X18PN	V1C24X24PN	Polished Nickel
V1C12X12BR	V1C18X18BR	V1C24X24BR	Polished Brass
V1C12X120RB	V1C18X180RB	V1C24X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL Colonial Series Back-to-Back Towel Bars

- Unique Appearance With Multiple Contours and Fittings
- Integrated Hardware on Towel Bar Lends to Appeal



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing (1.5 mil thick)

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Hole Diameter Required: 1/2" (12 mm)

Center-to-Center Hole Spacing:
18" Towel Bar = 18" (457 mm);
24" Towel Bar = 24" (610 mm)

18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
C0L18X18CH	C0L24X24CH	Polished Chrome
C0L18X18BN	C0L24X24BN	Brushed Nickel
C0L18X18PN	C0L24X24PN	Polished Nickel
C0L18X18BR	C0L24X24BR	Polished Brass
C0L18X180RB	C0L24X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL SQ Series Square Tubing Mitered Corner Back-to-Back Towel Bars

MORE FINISHES crlaurence.com

1/4" to 1/2"

USE MONOLITHIC TEMPERED GLASS

- Square Corners Make This Towel Bar the Ideal Choice to Match Square Cornered Hinges
- Continuity of Square Profile With No Metal Washers



SPECIFICATIONS:

Material: 3/4" (19 mm) Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing:
18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
SQ18X18CH	SQ24X24CH	Polished Chrome
SQ18X18BN	SQ24X24BN	Brushed Nickel
SQ18X18PN	SQ24X24PN	Polished Nickel
SQ18X18BR	SQ24X24BR	Polished Brass
SQ18X180RB	SQ24X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL MT Series Round Tubing Mitered Corner Back-to-Back Towel Bars (With Metal Washers)

- Round Tubing With Mitered Corners Makes This an Attractive Towel Bar That Adds Contrast to Décor



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing; 1-1/4" (32 mm) Diameter Washers
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing:
18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
MT18X18CH	MT24X24CH	Polished Chrome
MT18X18BN	MT24X24BN	Brushed Nickel
MT18X18PN	MT24X24PN	Polished Nickel
MT18X18BR	MT24X24BR	Polished Brass
MT18X180RB	MT24X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL Crescent Series Back-to-Back Towel Bars

- Crescent or "Eyelet" Shaped Towel Bar Stands Out From the Ordinary
- No Metal Washers Allow a Sleek Profile



SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing
Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)
Hole Diameter Required: 1/2" (12 mm)
Center-to-Center Hole Spacing:
18" Towel Bar = 18" (457 mm); 24" Towel Bar = 24" (610 mm)

18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
CSH18X18CH	CSH24X24CH	Polished Chrome
CSH18X18BN	CSH24X24BN	Brushed Nickel
CSH18X18PN	CSH24X24PN	Polished Nickel
CSH18X18BR	CSH24X24BR	Polished Brass
CSH18X180RB	CSH24X240RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

CRL Wall Mount Towel Bars (With Metal Washers)

- **Bars Resemble Appearance of Through-Glass Bars**
- **Matching Finish Metal Washers to Accent Look**
- **Studs Screw Into Wall for Easy Installation**

SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Brass Tubing; 1-1/4" (32 mm) Diameter Metal Washers

Wall Mounted: Studs Screw Into Wall

Center-to-Center Hole Spacing:
12" Towel Bar = 12" (305 mm);
18" Towel Bar = 18" (457 mm);
24" Towel Bar = 24" (610 mm).





12" (305 MM) CAT. NO.	18" (457 MM) CAT. NO.	24" (610 MM) CAT. NO.	FINISH
WTB12CH	WTB18CH	WTB24CH	Polished Chrome
WTB12BN	WTB18BN	WTB24BN	Brushed Nickel
WTB12PN	WTB18PN	WTB24PN	Polished Nickel
WTB12BR	WTB18BR	WTB24BR	Polished Brass
WTB120RB	WTB180RB	WTB240RB	Oil Rubbed Bronze

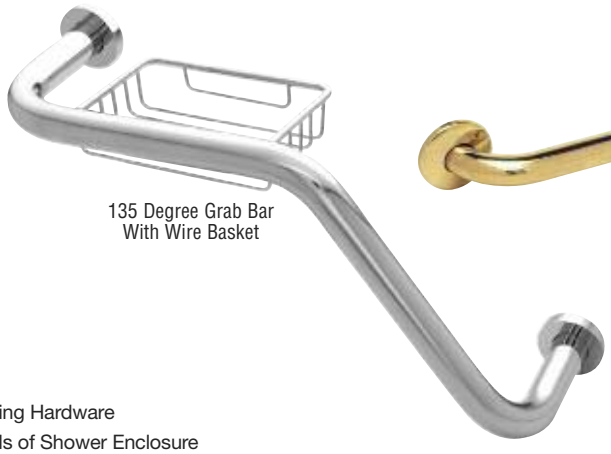
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

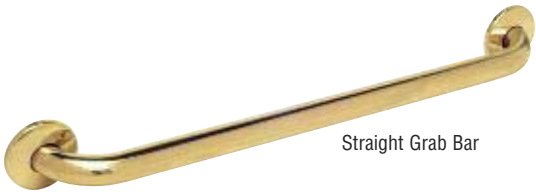
CRL Wall Mount Grab Bars

MORE FINISHES crlaurence.com

- **Add an Element of Safety to Wet Environments**
- **Mount to Interior Shower Walls (Not Glass)**
- **Attractive Cover Flanges Conceal Mounting Hardware**



135 Degree Grab Bar With Wire Basket



Straight Grab Bar



135 Degree Grab Bar

SPECIFICATIONS:

Material: 1-1/4" (32 mm) Diameter Stainless Steel (Chrome) or Brass Tubing (All Other Finishes)

Includes: Cover Flanges and All Necessary Mounting Hardware

No Glass Drilling: Bars are Mounted to Inside Walls of Shower Enclosure

18" (457 MM) STRAIGHT CAT. NO.	24" (610 MM) STRAIGHT CAT. NO.	20" (508 MM) 135 DEGREE CAT. NO.	20" (508 MM) 135 DEGREE BAR AND BASKET CAT. NO.	FINISH
GB18CH	GB24CH	GB135CH	GB535CH	Polished Chrome
GB18BN	GB24BN	GB135BN	GB535BN	Brushed Nickel
GB18PN	GB24PN	GB135PN	GB535PN	Polished Nickel
GB18BR	GB24BR	GB135BR	GB535BR	Polished Brass
GB180RB	GB240RB	GB1350RB	GB5350RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Towel Bars can be combined for quantity pricing.

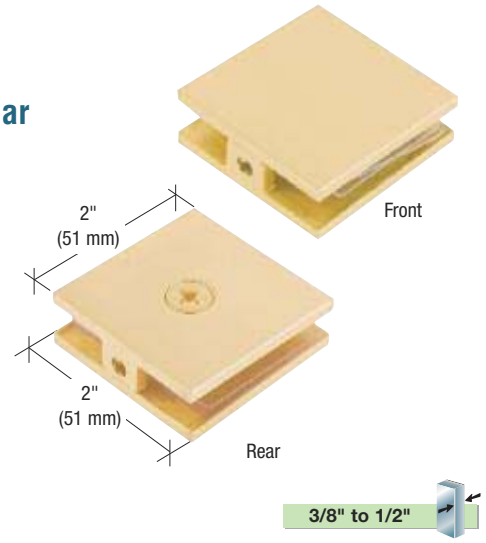
NOTE: CRL Grab Bars add an element of safety to the wet shower environment. They must be mounted to the inside walls of the shower enclosure. They are not intended for glass mounting.

CRL Square Style Wall Mount Glass Clamp (Hole-in-Glass Style)

MORE FINISHES crlaurence.com

USE MONOLITHIC TEMPERED GLASS

- Our Most Popular Clamp
- Square Profile to Match Popular Geneva, Vienna, and Cardiff Series Hinges
- Clamps Contribute to "All-Glass" Appearance





Square Style Wall Mount Glass Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. Clearance between the glass and the wall is 3/16" (5 mm). Clear silicone can be used to provide a clean, water resistant seal. Replacement Gasket is Cat. No. SCU4G.

CAT. NO.	FINISH
SCU4CH	Polished Chrome
SCU4BN	Brushed Nickel
SCU4PN	Polished Nickel
SCU4BR	Polished Brass
SCU40RB	Oil Rubbed Bronze

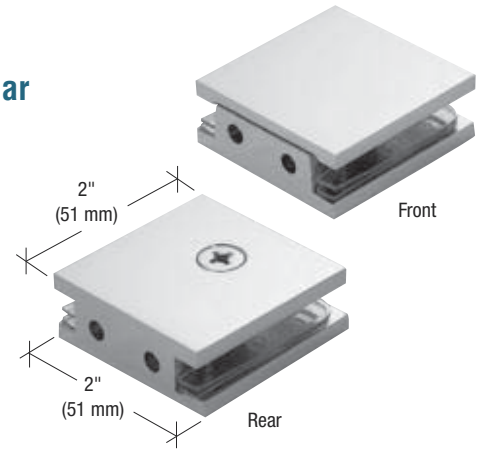
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

SPECIFICATIONS:
Glass Thickness:
3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screw
Hole Diameter Required: 3/4" (19 mm)

CRL Square Style Wall Mount Glass Clamp (Notch-in-Glass Style)

- Square Profile to Match Popular Geneva, Vienna, and Cardiff Series Hinges
- Clamps Contribute to "All-Glass" Appearance





Square Style Wall Mount Glass Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. This Clamp is designed with two mounting screws to give extra support. The cut-out is a notch to position the glass with a 1/16" (2 mm) gap from the wall. Clear silicone can be used to provide a clean, water resistant seal. Replacement Gasket is Cat. No. SGCU1G.

CAT. NO.	FINISH
SGCU1CH	Polished Chrome
SGCU1BN	Brushed Nickel
SGCU1PN	Polished Nickel
SGCU1BR	Polished Brass
SGCU10RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

SPECIFICATIONS:
Glass Thickness:
3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screws
Glass Fabrication Required: Notch

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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Square Style Wall Mount Glass Clamp (With Small Leg)

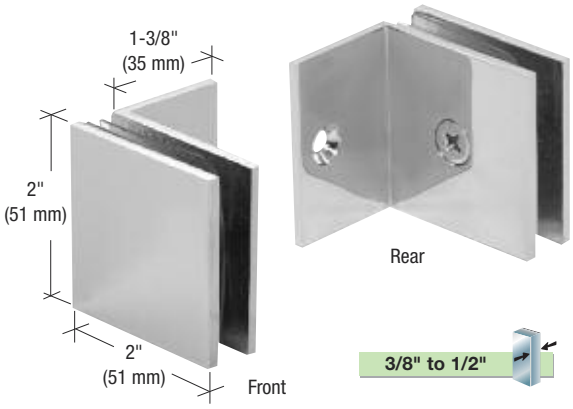
MORE FINISHES crlaurence.com

USE MONOLITHIC TEMPERED GLASS

- Clamps Contribute to "All-Glass" Appearance
- Small 90 Degree Leg Provides Extra Secure Mounting Surface

Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. Clearance between the glass and wall is 1/16" (2 mm). Clear silicone can be used to provide a clean, water resistant seal. 90 degree leg provides extra strength. Replacement Gasket is Cat. No. SGCU1G.

SPECIFICATIONS:
Glass Thickness:
3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Wood Screw for wall mount
Hole Diameter Required: 3/4" (19 mm)



CAT. NO.	FINISH
SGC037CH	Polished Chrome
SGC037BN	Brushed Nickel
SGC037PN	Polished Nickel
SGC037BR	Polished Brass
SGC0370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

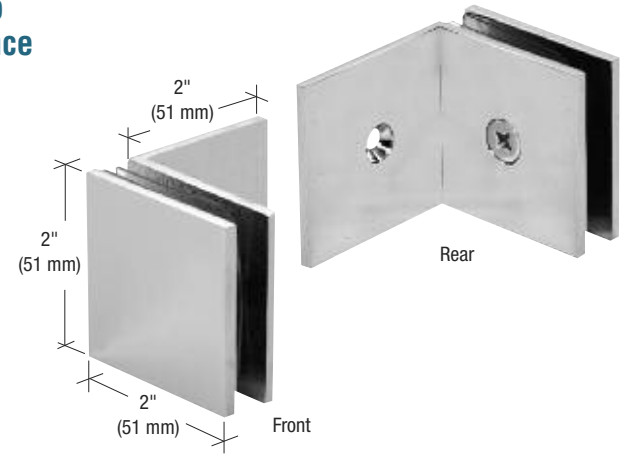


CRL Square Style Wall Mount Glass Clamp (With Large Leg)

- Clamps Contribute to "All-Glass" Appearance
- Larger Leg Covers More Wall Surface

Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. Clearance between the glass and wall is 1/16" (2 mm). Clear silicone can be used to provide a clean, water resistant seal. Larger 90 degree leg provides extra strength and covers more tile area. Replacement Gasket is Cat. No. SGCU1G.

SPECIFICATIONS:
Glass Thickness:
3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Wood Screw for wall mount
Hole Diameter Required: 3/4" (19 mm)



CAT. NO.	FINISH
SGC039CH	Polished Chrome
SGC039BN	Brushed Nickel
SGC039PN	Polished Nickel
SGC039BR	Polished Brass
SGC0390RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.



CRL Square Style Glass Clamps



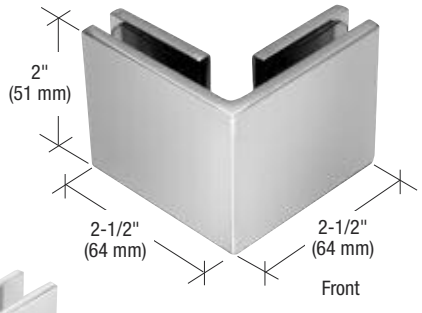
MORE FINISHES crlaurence.com

90 Degree Glass-to-Glass Clamp

- **Joins Two Panels at 90 Degrees**

These Square Style 90 Degree Glass-to-Glass Clamps are designed to join two panels at 90 degrees. Replacement Gasket is Cat. No. SGCU1G.









Please go to **crlaurence.com/shower-clamps** to view our new Square Style 90 Degree Glass-to-Glass "Open Face" Clamp

SPECIFICATIONS:
Glass Thickness: 3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets
Hole Diameter Required: 3/4" (19 mm) each panel

CAT. NO.	FINISH
SGC90CH	Polished Chrome
SGC90BN	Brushed Nickel
SGC90PN	Polished Nickel
SGC90BR	Polished Brass
SGC900RB	Oil Rubbed Bronze

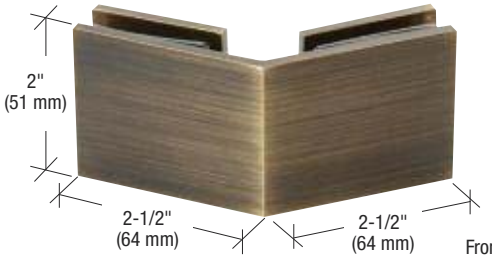
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

135 Degree Glass-to-Glass Clamp

- **Joins Two Panels at 135 Degrees**

These Square Style 135 Degree Glass-to-Glass Clamps are designed to join two panels at 135 degrees. Replacement Gasket is Cat. No. SGCU1G.





SPECIFICATIONS:
Glass Thickness: 3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets
Hole Diameter Required: 3/4" (19 mm) each panel

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CAT. NO.	FINISH
SGC135CH	Polished Chrome
SGC135BN	Brushed Nickel
SGC135PN	Polished Nickel
SGC135BR	Polished Brass
SGC1350RB	Oil Rubbed Bronze

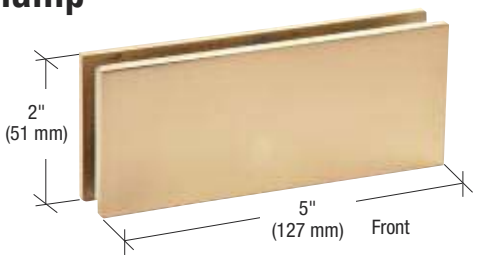
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

180 Degree Glass-to-Glass Clamp

- **Joins Two Panels at 180 Degrees**

These Square Style 180 Degree Glass-to-Glass Clamps are designed to join two panels inline, or a fixed transom in a frameless shower enclosure. Replacement Gasket is Cat. No. SGCU1G.





SPECIFICATIONS:
Glass Thickness: 3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets
Hole Diameter Required: 3/4" (19 mm) each panel

CAT. NO.	FINISH
SGC180CH	Polished Chrome
SGC180BN	Brushed Nickel
SGC180PN	Polished Nickel
SGC180BR	Polished Brass
SGC1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Square Style Wall Mount Movable Transom Clamp

- **For Attractive and Functional Glass Transoms Above Door**





MORE FINISHES crlaurence.com

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH
SGC186CH	Polished Chrome
SGC186BN	Brushed Nickel
SGC186PN	Polished Nickel
SGC186BR	Polished Brass
SGC1860RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing. **NOTE:** All Shower Door Transom Clamps are sold by the each, not in pairs. Be sure to order two each clamps to install one transom.

Square Style Wall Mount Movable Transom Clamps are designed to rotate a movable transom off a wall. This style Clamp can also be used in combination with our Glass-to-Glass Movable Transom Clamps (see below). Clamp must be centered on the transom to achieve balanced movement. Replacement Nylon Washer is Cat. No. 90295A120. Replacement Gasket is Cat. No. SGCU1G.

SPECIFICATIONS:

Glass Thickness: 3/8" to 1/2" (10 to 12 mm)

Material: Solid Brass

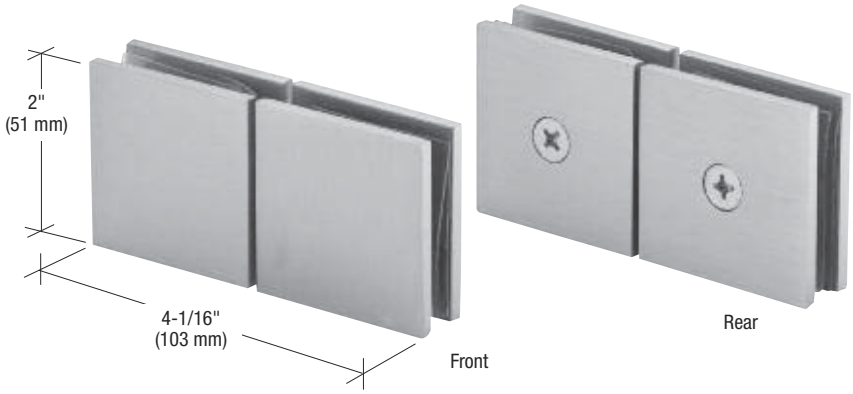
Hole Diameter Required: 3/4" (19 mm)

Includes: Gaskets and Mounting Screws

NOTE: Maximum transom size is 16" x 30" (406 x 762 mm) wide. Larger transoms require the use of pivot hinges used as transom clamps. Call for details.

CRL Square Style 180 Degree Glass-to-Glass Movable Transom Clamp

Square Style 180 Degree Glass-to-Glass Movable Transom Clamps allow the rotation of a movable transom off of an inline fixed glass panel. This style Clamp can also be used in combination with our Cat. No. SGC186 Wall Mount Movable Transom Clamp (see above). Clamp must be centered on the transom to achieve balanced movement. Replacement parts are Cat. Nos. 90295A120 (Nylon Washer), 211039 (10-32 x 3/4" Flat Head Phillips Screw), 193004 (10-32 Nylon Lock Nut), and SGCU1G (Gasket).



CAT. NO.	FINISH
SGC188CH	Polished Chrome
SGC188BN	Brushed Nickel
SGC188PN	Polished Nickel
SGC188BR	Polished Brass
SGC1880RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing. **NOTE:** All Shower Door Transom Clamps are sold by the each, not in pairs. Be sure to order two each clamps to install one transom.

SPECIFICATIONS:

Glass Thickness: 3/8" to 1/2" (10 to 12 mm)

Material: Solid Brass

Glass Fabrication Required: 3/4" (19 mm) diameter hole in the fixed panel, notch in the transom

Includes: Gaskets

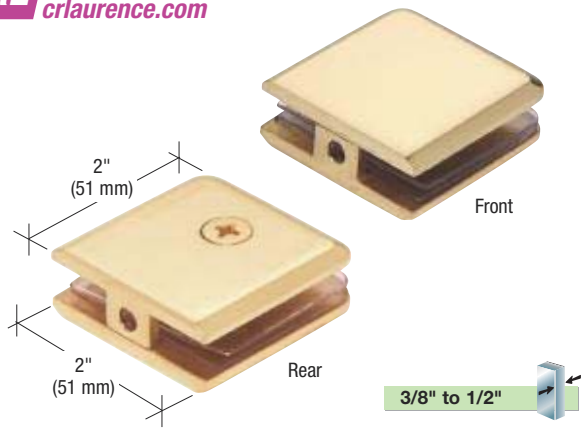
NOTE: Maximum transom size is 16" x 30" (406 x 762 mm) wide. Larger transoms require the use of pivot hinges used as transom clamps. Call for details

CRL Beveled Style Wall Mount Glass Clamp (Hole-in-Glass Style)



- **Beveled Profile to Match Popular Pinnacle, Cologne, and Prima Series Hinges**
- **Clamps Contribute to "All-Glass" Appearance**

MORE FINISHES crlaurence.com





Beveled Style Wall Mount Glass Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. Clearance between the glass and the wall is 3/16" (5 mm). Clear silicone can be used to provide a clean, water resistant seal. Replacement Gasket is Cat. No. BCU4G.

SPECIFICATIONS:

Glass Thickness: 3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screws
Hole Diameter Required: 3/4" (19 mm)

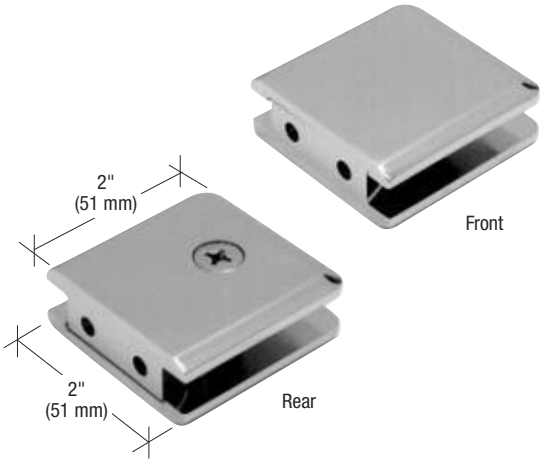
CAT. NO.	FINISH
BCU4CH	Polished Chrome
BCU4BN	Brushed Nickel
BCU4PN	Polished Nickel
BCU4BR	Polished Brass
BCU40RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Beveled Style Wall Mount Glass Clamp (Notch-in-Glass Style)

- **Beveled Profile to Match Popular Pinnacle, Cologne, and Prima Series Hinges**
- **Clamps Contribute to "All-Glass" Appearance**





Beveled Style Wall Mount Glass Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. This Clamp is designed with two mounting screws to give extra support. The cut-out is a notch to allow the glass to have a 1/16" (2 mm) gap from the wall. Clear silicone can be used to provide a clean, water resistant seal. Replacement Gasket is Cat. No. BGCU1G.

SPECIFICATIONS:

Glass Thickness: 3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screws
Glass Fabrication Required: Notch

CAT. NO.	FINISH
BGCU1CH	Polished Chrome
BGCU1BN	Brushed Nickel
BGCU1PN	Polished Nickel
BGCU1BR	Polished Brass
BGCU10RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

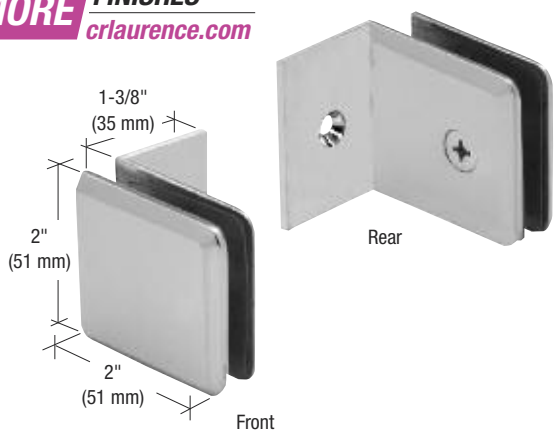
CRL Beveled Style Wall Mount Glass Clamp (With Small Leg)





- **Sturdy and Attractive**
- **Small 90 Degree Leg Provides Extra Secure Mounting Surface**

MORE FINISHES
crlaurence.com



Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. Clearance between the glass and wall is 1/16" (2 mm). Clear silicone can be used to provide a clean, water resistant seal. 90 degree leg provides extra strength. Replacement Gasket is Cat. No. BGCU1G.

SPECIFICATIONS:

Glass Thickness:
3/8" to 1/2" (10 to 12 mm)

Material: Solid Brass

Includes: Gaskets and Wood Screw for wall mount

Hole Diameter Required: 3/4" (19 mm)

CAT. NO.	FINISH
BGC037CH	Polished Chrome
BGC037BN	Brushed Nickel
BGC037PN	Polished Nickel
BGC037BR	Polished Brass
BGC0370RB	Oil Rubbed Bronze

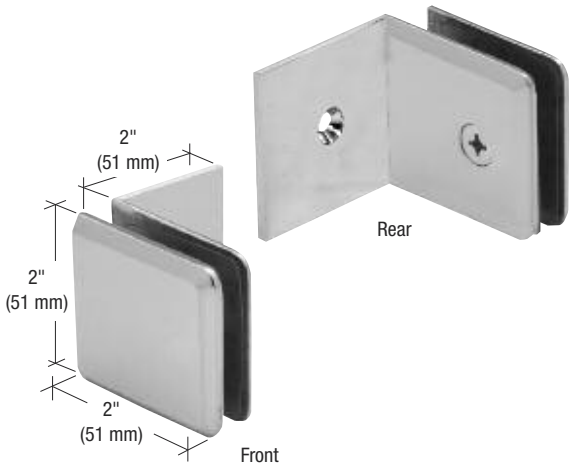
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.



CRL Beveled Style Wall Mount Glass Clamp (With Large Leg)

- **Clamps Add Strength to Fixed Panels**
- **Large Leg Covers More Wall Surface**



Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. Clearance between the glass and wall is 1/16" (2 mm). Clear silicone can be used to provide a clean, water resistant seal. Larger 90 degree leg provides extra strength and covers more tile area. Replacement Gasket is Cat. No. BGCU1G.

SPECIFICATIONS:

Glass Thickness:
3/8" to 1/2" (10 to 12 mm)

Material: Solid Brass

Includes: Gaskets and Wood Screw for wall mount

Hole Diameter Required: 3/4" (19 mm)

CAT. NO.	FINISH
BGC039CH	Polished Chrome
BGC039BN	Brushed Nickel
BGC039PN	Polished Nickel
BGC039BR	Polished Brass
BGC0390RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.



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Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Beveled Style Glass Clamps

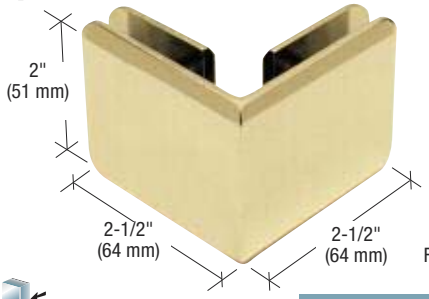
90 Degree Glass-to-Glass Clamp

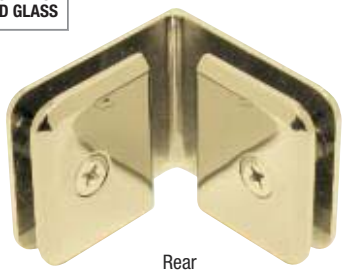
USE MONOLITHIC TEMPERED GLASS

MORE FINISHES crlaurence.com

- **Joins Two Panels at 90 Degrees**

These Beveled Style 90 Degree Glass-to-Glass Clamps are designed to join two panels at 90 degrees. Replacement Gasket is Cat. No. BGCU1G.







SPECIFICATIONS:
Glass Thickness: 3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets
Hole Diameter Required: 3/4" (19 mm) each panel

CAT. NO.	FINISH
BGC90CH	Polished Chrome
BGC90BN	Brushed Nickel
BGC90PN	Polished Nickel
BGC90BR	Polished Brass
BGC900RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

135 Degree Glass-to-Glass Clamp

- **Joins Two Panels at 135 Degrees**

These Beveled Style 135 Degree Glass-to-Glass Clamps are designed to join two panels at 135 degrees. Replacement Gasket is Cat. No. BGCU1G.

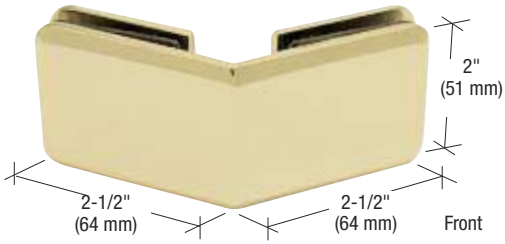




PHOTO GALLERY crlaurence.com

SPECIFICATIONS:
Glass Thickness: 3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets
Hole Diameter Required: 3/4" (19 mm) each panel

CAT. NO.	FINISH
BGC135CH	Polished Chrome
BGC135BN	Brushed Nickel
BGC135PN	Polished Nickel
BGC135BR	Polished Brass
BGC1350RB	Oil Rubbed Bronze

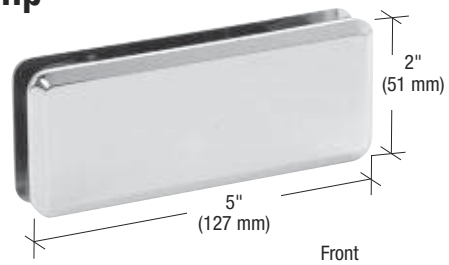
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

180 Degree Glass-to-Glass Clamp

- **Joins Two Panels at 180 Degrees**

These Beveled Style 180 Degree Glass-to-Glass Clamps are designed to join two panels inline, or a fixed transom in a frameless shower enclosure. Replacement Gasket is Cat. No. BGCU1G.





SPECIFICATIONS:
Glass Thickness: 3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets
Hole Diameter Required: 3/4" (19 mm) each panel

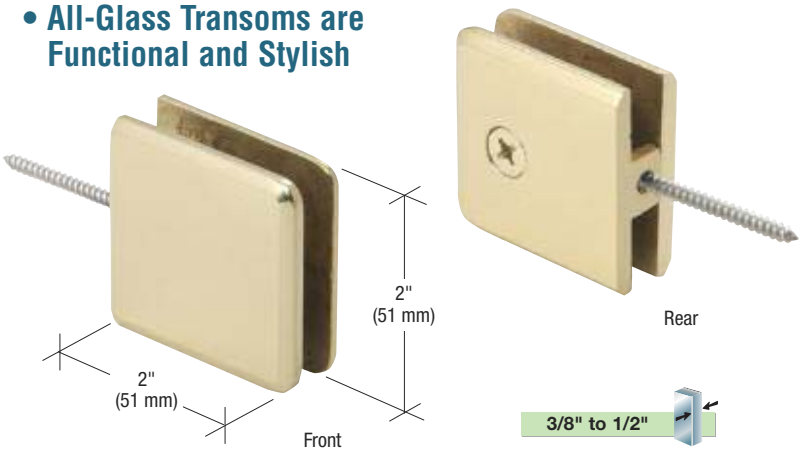
CAT. NO.	FINISH
BGC180CH	Polished Chrome
BGC180BN	Brushed Nickel
BGC180PN	Polished Nickel
BGC180BR	Polished Brass
BGC1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Beveled Style Wall Mount Movable Transom Clamp

- **All-Glass Transoms are Functional and Stylish**





MORE FINISHES crlaurence.com

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH
BGC186CH	Polished Chrome
BGC186BN	Brushed Nickel
BGC186PN	Polished Nickel
BGC186BR	Polished Brass
BGC1860RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.
NOTE: All Shower Door Transom Clamps are sold by the each, not in pairs.
Be sure to order two each clamps to install one transom.

Beveled Style Wall Mount Movable Transom Clamps are designed to rotate a movable transom off a wall. This style Clamp can also be used in combination with our Glass-to-Glass Movable Transom Clamps (see below). Clamp must be centered on the transom to achieve balanced movement. Replacement Nylon Washer is Cat. No. 90295A120. Replacement Gasket is Cat. No. BGCU1G.

SPECIFICATIONS:

Glass Thickness: 3/8" to 1/2" (10 to 12 mm)

Material: Solid Brass

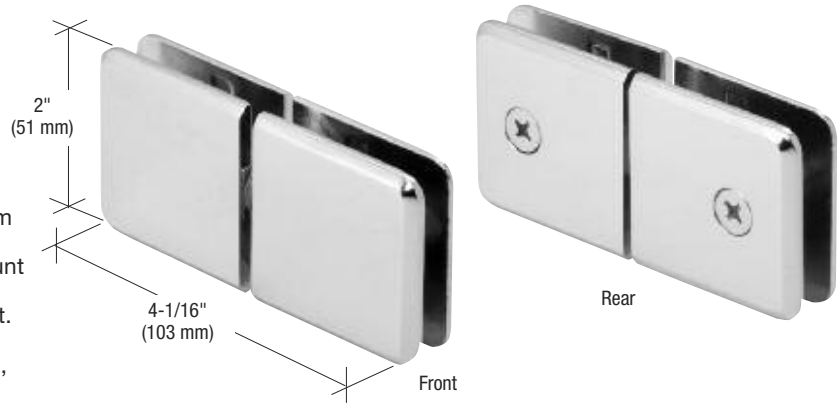
Hole Diameter Required: 3/4" (19 mm)

Includes: Gaskets and Mounting Screws

NOTE: Maximum transom size is 16" x 30" (406 x 762 mm) wide. Larger transoms require the use of pivot hinges used as transom clamps. Call for details.

CRL Beveled Style 180 Degree Glass-to-Glass Movable Transom Clamp

Beveled Style 180 Degree Glass-to-Glass Movable Transom Clamps allow the rotation of a movable transom off of a fixed glass panel. This style Clamp can also be used in combination with our Cat No. BGC186 Wall Mount Movable Transom Clamp (see above). Clamp must be centered on the transom to achieve balanced movement. Replacement parts are Cat. Nos. 90295A120 (Nylon Washer), 211039 (10-32 x 3/4" Flat Head Phillips Screw), 193004 (10-32 Nylon Lock Nut), and BGCU1G (Gasket).



CAT. NO.	FINISH
BGC188CH	Polished Chrome
BGC188BN	Brushed Nickel
BGC188PN	Polished Nickel
BGC188BR	Polished Brass
BGC1880RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.
NOTE: All Shower Door Transom Clamps are sold by the each, not in pairs.
Be sure to order two each clamps to install one transom.

SPECIFICATIONS:

Glass Thickness: 3/8" to 1/2" (10 to 12 mm)

Material: Solid Brass

Glass Fabrication Required: 3/4" (19 mm) diameter hole in the fixed panel, notch in the transom

Includes: Gaskets

NOTE: Maximum transom size is 16" x 30" (406 x 762 mm) wide. Larger transoms require the use of pivot hinges used as transom clamps. Call for details.

CRL Traditional Glass Clamps

MORE FINISHES
crlaurence.com

- Used to Secure Fixed Panels of Glass for Frameless Shower Enclosures
- A Nice Option to More Traditional U-Channel, in that the Clamps Provide the Appearance of an "All-Glass" Look
- Glass Fabrication Required to Accommodate Clamps

USE MONOLITHIC TEMPERED GLASS



Our solid brass Traditional Glass Clamps are designed to secure glass panels in contemporary shower enclosures. They assist in maintaining the frameless appearance and provide a clean looking alternative to U-Channel "framing". All our Traditional Clamps feature solid brass or stainless steel construction, and a variety of finishes to match our complete line of Shower Door Hinges and Handles. Custom finishes can be ordered.

Traditional Fixed Panel Oversized U-Clamp

- Recommended When Using 1/2" (12 mm) Glass

Fixed Panel Oversized U-Clamps are especially recommended for 1/2" (12 mm) thick glass installations where a hole drilling measurement of one and a half times glass thickness (from the edge of the glass to the closest edge of the hole) is required by the temperer. Clear silicone can be used to provide a clean, water resistant seal. Replacement Gasket is Cat. No. UCG77.

SPECIFICATIONS:

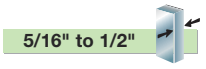
Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

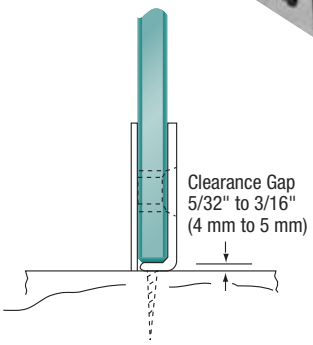
Material: Solid Brass

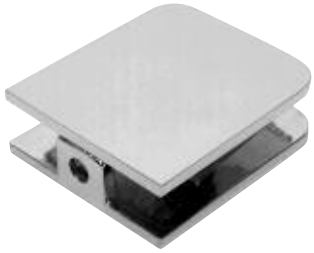
Includes: Mounting Screw and Clear Gaskets

Hole Diameter Required:
5/8" or 3/4" (16 or 19 mm)

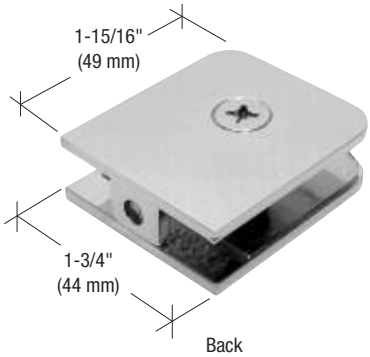
NOTE: An additional set of clear gaskets (Cat. No. UCG77) is required for 5/16" (8 mm) glass







Front



Back

CAT. NO.	FINISH
UC79CH	Polished Chrome
UC79BN	Brushed Nickel
UC79PN	Polished Nickel
UC79BR	Polished Brass
UC790RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

Traditional Fixed Panel Standard U-Clamp

Fixed Panel Standard U-Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. Clearance between the glass and the floor is 5/32" (4 mm) to 3/16" (5 mm). Clear silicone can be used to provide a clean, water resistant seal. Replacement Gasket is Cat. No. UCG77.

SPECIFICATIONS:

Glass Thickness: 5/16" to 3/8" (8 to 10 mm)

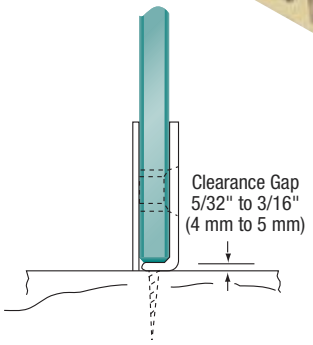
Material: Solid Brass

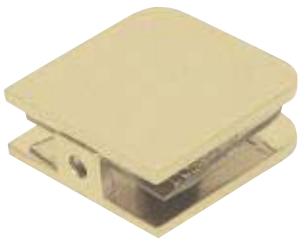
Includes: Mounting Screw and Clear Gaskets

Hole Diameter Required:
5/8" or 3/4" (16 or 19 mm)

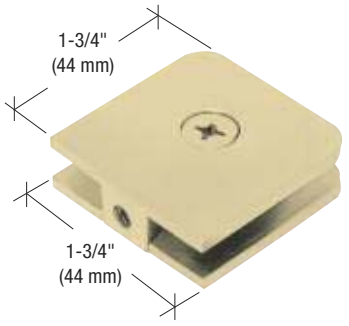
NOTE: An additional set of clear gaskets (Cat. No. UCG77) is required for 5/16" (8 mm) glass







Front



Back

CAT. NO.	FINISH
UC77CH	Polished Chrome
UC77BN	Brushed Nickel
UC77PN	Polished Nickel
UC77BR	Polished Brass
UC770RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

Traditional 90 Degree Oversized Glass-to-Glass Clamp

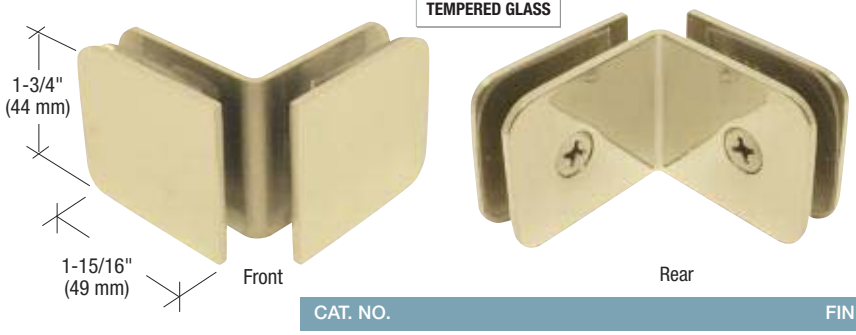
5/16" to 1/2"

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES crlaurence.com

• Joins Two Panels at 90 Degrees

90 Degree Oversized Glass-to-Glass Clamps are especially recommended for use in 1/2" (12 mm) thick glass installations where a hole drilling measurement of one and a half times the glass thickness (from the edge of the glass to the closest edge of the hole) is required by the temperer. Replacement Gasket is Cat. No. UCG77.



SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Includes: Gaskets and Wood Screw for wall mount application

Hole Diameter Required: 5/8" or 3/4" (16 or 19 mm) each panel

NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)

CAT. NO.	FINISH
GCB91CH	Polished Chrome
GCB91BN	Brushed Nickel
GCB91PN	Polished Nickel
GCB91BR	Polished Brass
GCB910RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

Traditional 90 Degree Glass-to-Glass Clamp

• Joins Two Panels at 90 Degrees

A truly versatile 90 Degree Glass-to-Glass Clamp that has two uses: As a 90 Degree Clamp for vertical fixed panels in a glass shower enclosure; as a bracket for horizontal glass shelves within the enclosure. The traditional 90 Degree Clamp design allows for flush mounting of shelf to wall, or for adjoining panels to meet with a minimal gap. Replacement Gasket is Cat. No. UCG77.



SPECIFICATIONS:

Glass Thickness: 5/16" to 3/8" (8 to 10 mm)

Material: Solid Brass or Stainless Steel

Includes: Gaskets and Wood Screw for wall mount application

Hole Diameter Required: 5/8" or 3/4" (16 or 19 mm) each panel

NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)

5/16" to 3/8"

CAT. NO.	FINISH
GCB90CH	Polished Chrome
GCB90BN	Brushed Nickel
GCB90PN	Polished Nickel
GCB90BR	Polished Brass
GCB900RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

Traditional 135 Degree Glass-to-Glass Clamp

• Joins Two Panels at 135 Degrees

Traditional 135 Degree Glass-to-Glass Clamps are designed to join 5/16" (8 mm) to 1/2" (12 mm) thick glass panels that meet at 135 degrees. Replacement Gasket is Cat. No. UCG77.



SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Includes: Gaskets

Hole Diameter Required: 5/8" or 3/4" (16 or 19 mm) each panel

NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)

5/16" to 1/2"

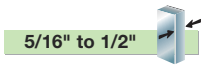
CAT. NO.	FINISH
GCB135CH	Polished Chrome
GCB135BN	Brushed Nickel
GCB135PN	Polished Nickel
GCB135BR	Polished Brass
GCB1350RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

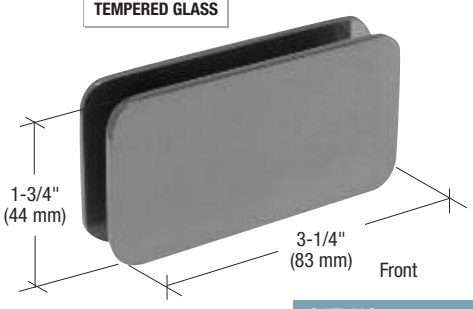
Traditional 180 Degree Glass-to-Glass Clamp





MORE FINISHES
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Traditional 180 Degree Glass-to-Glass Clamps are ideal for fixed transom or inline panel installations in frameless shower enclosures. Stud will fit between panels with 7/16" (11 mm) gap, or you can notch the glass around the screw for a tighter gap. Replacement Gasket is Cat. No. UCG77.





SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Includes: Gaskets

Glass Fabrication Required: 7/16" (11 mm) gap required between two panels, or you can notch the panels around the screw stud for a tighter gap

NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)

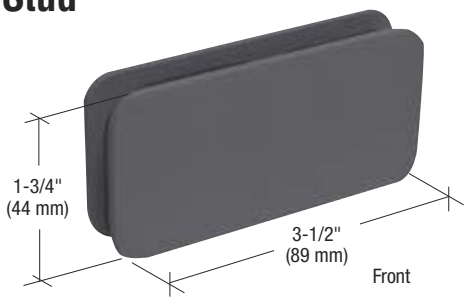
CAT. NO.	FINISH
GCB180CH	Polished Chrome
GCB180BN	Brushed Nickel
GCB180PN	Polished Nickel
GCB180BR	Polished Brass
GCB1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

Traditional 180 Degree Double-Stud Glass-to-Glass Clamp

Traditional 180 Degree Double-Stud Glass-to-Glass Clamps allow two inline glass panels to be connected together. A hole through each piece of glass provides extra stability and security. Replacement Gasket is Cat. No. UCG77.





SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Includes: Gaskets

Hole Diameter Required:
5/8"or 3/4" (16 or 19 mm) each panel

NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)

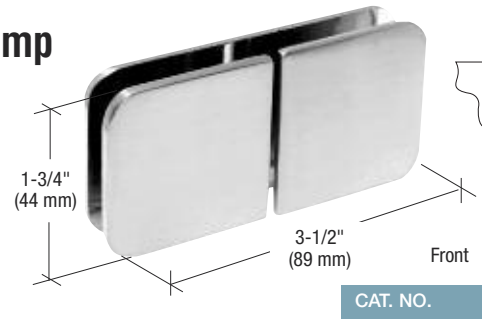
CAT. NO.	FINISH
GCB184CH	Polished Chrome
GCB184BN	Brushed Nickel
GCB184PN	Polished Nickel
GCB184BR	Polished Brass
GCB1840RB	Oil Rubbed Bronze

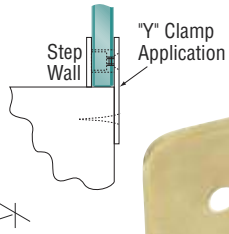
MORE FINISHES Available Online at **crlaurence.com**

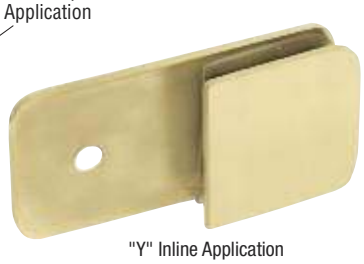
Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

Traditional 180 Degree Split Face and "Y" Glass Clamp

This dual purpose Clamp can be used to connect glass panels inline, or as a "Y'' Clamp to fasten glass panels flush with the edge of marble or tile walls. Replacement Gasket is Cat. No. UCG77.







SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Includes: Gaskets and screw for optional "Y" Inline Clamp installation

Hole Diameter Required:
5/8"or 3/4" (16 or 19 mm) each panel

NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)

CAT. NO.	FINISH
GCB182CH	Polished Chrome
GCB182BN	Brushed Nickel
GCB182PN	Polished Nickel
GCB182BR	Polished Brass
GCB1820RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Traditional Movable Transom Glass Clamps

- Glass Transom Swivels to Allow Release of Steam
- Wall Mount, 180 Degree, and 135 Degree Models Available





MORE INFORMATION
crlaurence.com



MODEL
GCB186



MODEL
GCB188

Our Traditional Movable Transom Glass Clamps feature solid brass construction and a variety of finishes to match our complete line of Shower Door Hinges. Appropriate mounting screws and one set of gaskets are included with each Clamp. Extra gaskets may be ordered separately (Cat. No. UCG77). Glass fabrication is required.

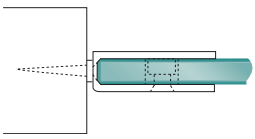


MODEL
GCB335

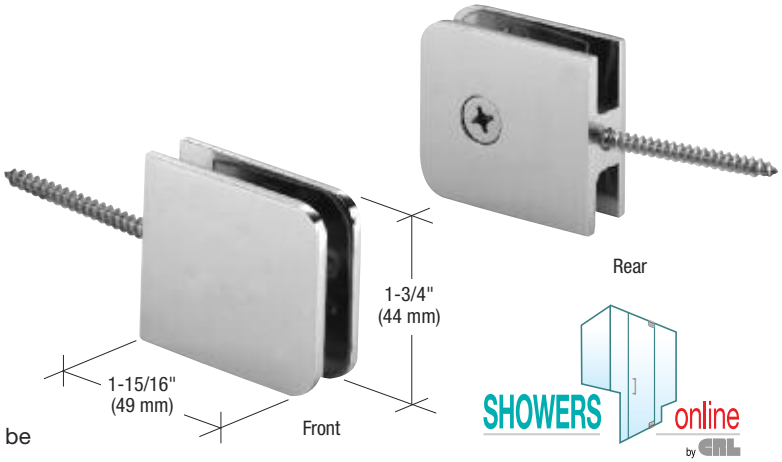


Traditional Wall Mount Movable Transom Glass Clamp

- Nylon Washer Allows Transom to Pivot



Wall Mount Movable
Transom Application



SHOWERS online by CRL
Web-Based Design, Glass Sizing, Quoting, and Ordering Program
crlaurence.com/online-apps

Traditional Wall Mount Movable Transom Glass Clamps are designed to rotate a movable transom off a wall. Clamp must be centered on the transom to achieve balanced movement and optimum performance. Replacement Nylon Washer is Cat. No. 90295A120; Replacement Gasket is Cat. No. UCG77.

CAT. NO.	FINISH
GCB186CH	Polished Chrome
GCB186BN	Brushed Nickel
GCB186PN	Polished Nickel
GCB186BR	Polished Brass
GCB1860RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing. **NOTE:** All Shower Door Transom Clamps are sold by the each, not in pairs. Be sure to order two each clamps to install one transom.

SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Hole Diameter Required: 5/8" or 3/4" (16 or 19 mm)

Includes: Gaskets and Mounting Screw

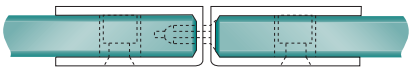
NOTE: Maximum transom size is 12" x 30" (305 x 762 mm) wide. Larger transoms require the use of Square or Beveled Transom Clamps, or pivot hinges used as movable transom clamps. Call for details.

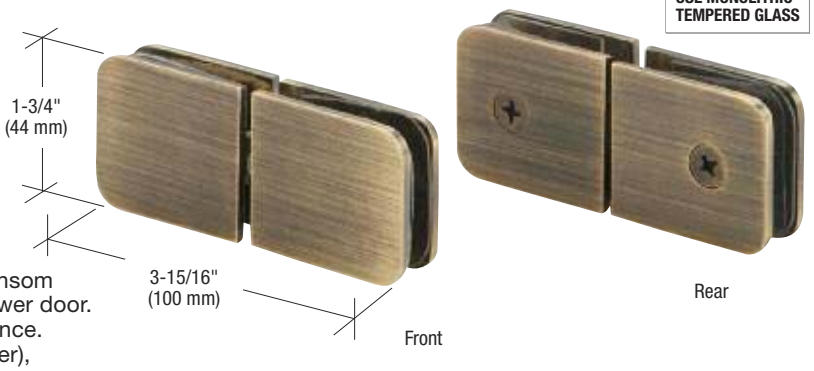
Traditional 180 Degree Glass-to-Glass Movable Transom Clamp

- **Special Nylock Nut Allows Pivoting of Clamps**

MORE FINISHES
crlaurence.com

180 Degree Glass-to-Glass Movable Transom Application





The Traditional 180 Degree Glass-to-Glass Movable Transom Clamp is designed to pivot transom panels above the shower door. Clamp should be centered on glass for optimum performance. Replacement parts are Cat. Nos. 90295A120 (Nylon Washer), 193004 (Nylon Lock Nut), 211039 (Flat Head Screw), and UCG77 (Gaskets).

CAT. NO.	FINISH
GCB188CH	Polished Chrome
GCB188BN	Brushed Nickel
GCB188PN	Polished Nickel
GCB188BR	Polished Brass
GCB1880RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing. **NOTE:** All Shower Door Transom Clamps are sold by the each, not in pairs. Be sure to order two each clamps to install one transom.

SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

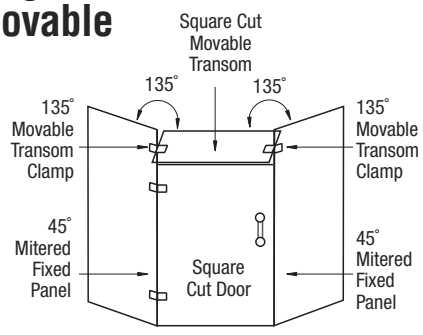
Glass Fabrication Required: 5/8" or 3/4" (16 or 19 mm) diameter hole in fixed panel and a notch in transom.

Includes: Gaskets

NOTE: Maximum transom size is 12" x 30" (305 x 762 mm) wide. Larger transoms require the use of Square or Beveled Transom Clamps, or pivot hinges used as movable transom clamps. Call for details.

Traditional 135 Degree Glass-to-Glass Movable Transom Clamp

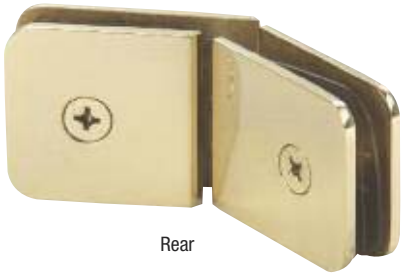
- **Can Be Used in Combination With Our Other Movable Transom Clamps**

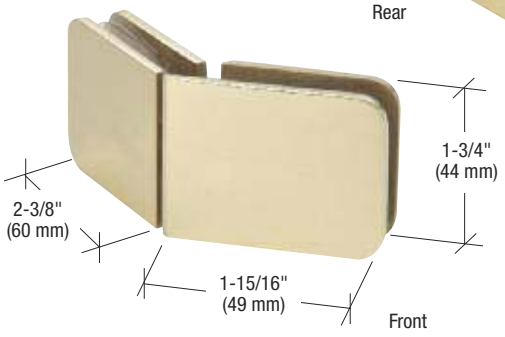


Typical Application



Glass Cleaners
crlaurence.com/glass-cleaners





These Clamps can also be used in combination with our Wall Mount Movable Transom Clamp (Cat. No. GCB186), or our 180 Degree Glass-to-Glass Movable Transom Clamp (Cat. No. GCB188). The movable transom and the door should be square cut, while the fixed panel using the 135 Degree Movable Transom Clamp should be mitered at 45 degrees. Clamp should be centered on glass for optimum performance. Replacement parts are Cat. Nos. 90295A120 (Nylon Washer), 193004 (Nylon Lock Nut), 211039 (Flat Head Screw), and UCG77 (Gaskets).

CAT. NO.	FINISH
GCB335CH	Polished Chrome
GCB335BN	Brushed Nickel
GCB335PN	Polished Nickel
GCB335BR	Polished Brass
GCB3350RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing. **NOTE:** All Shower Door Transom Clamps are sold by the each, not in pairs. Be sure to order two each clamps to install one transom.

SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Glass Fabrication Required: 5/8" or 3/4" (16 or 19 mm) diameter hole in movable transom, notch in the fixed panel.

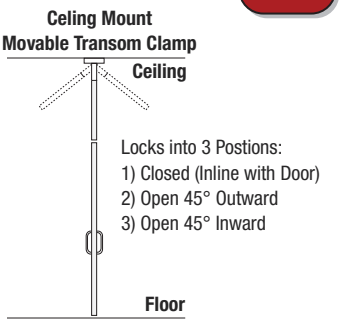
Includes: Gaskets

NOTE: Maximum transom size is 12" x 30" (305 x 762 mm) wide. Larger transoms require the use of Square or Beveled Transom Clamps, or pivot hinges used as movable transom clamps. Call for details.

CRL 3-Point Ceiling Mount Movable Transom Clamps

- Mounts to Ceiling Instead of Typical Side Mounting
- Three Stopping Points Include 45 Degrees Out, Closed Position, and 45 Degrees In
- Stocked in Two Styles and Numerous Popular Finishes

3 year WARRANTY





USE MONOLITHIC TEMPERED GLASS

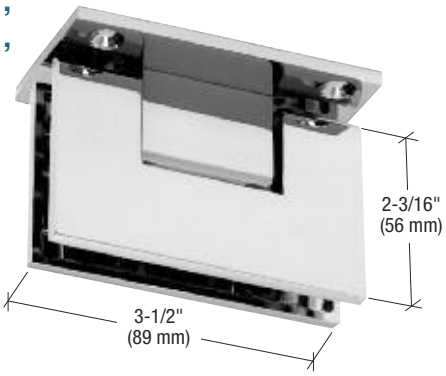


MORE FINISHES crlaurence.com

Our 3-Point Movable Transom Clamps provide design alternatives to the traditional side mounted "teeter-totter" application. Mounted to the ceiling instead of the sides of the transom allows more glass explosure. The Clamps will hold at 45 degrees inward, at the closed position, and at 45 degrees outward. The square or beveled appearance matches many of our popular Hinge Series. Accommodates 5/16", 3/8", and 1/2" (8, 10, and 12 mm) thick tempered glass. **NOTE:** Maximum transom size is 28" W x 12" H (711 x 305 mm). Two Clamps must be used per transom.

Geneva Style 3-Point Ceiling Mount Movable Transom Clamp

- Square Style Matches Geneva, Concord, Vienna, Cardiff, and Senior Cardiff Series Hinges



SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Includes: Gaskets, Mounting Screws, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. GEN13 Gaskets must be ordered.

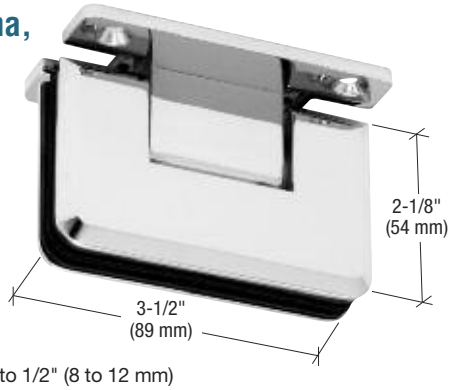
Cut-Out Required

CAT. NO.	FINISH
GTC037CH	Polished Chrome
GTC037BN	Brushed Nickel
GTC037BR	Polished Brass
GTC0370RB	Oil Rubbed Bronze

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.
Other finishes available on special order.

Pinnacle Style 3-Point Ceiling Mount Movable Transom Clamp

- Beveled Style Matches Pinnacle, Prima, Senior Prima, Cologne, and Estate Series Hinges



SPECIFICATIONS:

Glass Thickness: 5/16" to 1/2" (8 to 12 mm)

Material: Solid Brass

Includes: Gaskets, Mounting Screws, Phillips Screws, Allen Screws, and Glass Fabrication Dimensions

NOTE: Gaskets are included for 3/8" and 1/2" (10 and 12 mm) glass only. If using 5/16" (8 mm) glass, Cat. No. P1N13 Gaskets must be ordered.

Cut-Out Required

CAT. NO.	FINISH
PTC037CH	Polished Chrome
PTC037BN	Brushed Nickel
PTC037BR	Polished Brass
PTC0370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.
Other finishes available on special order.

CRL Adjustable Glass Clamps

- Adjusts for Non-Standard Angles
- Available In Wall Mount and Glass-to-Glass Models

Our solid brass Wall Mount and Glass-to-Glass Adjustable Glass Clamps are designed to secure glass panels in contemporary shower enclosures. They assist in maintaining the frameless appearance, and provide a clean-looking alternative, especially when a wall is not at 90 degrees to the fixed panel, or the glass-to-glass application is not a standard 90, 135, or 180 degree angle. This range of Glass Clamps can accommodate 5/16" to 1/2" (8 to 12 mm) glass. Custom finishes are available.



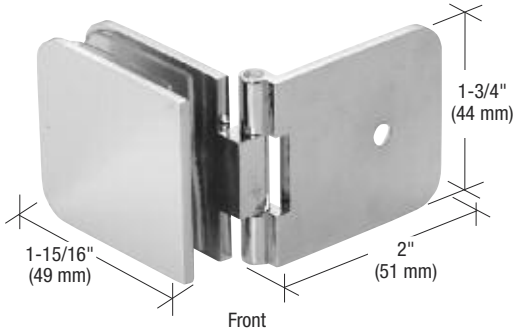




MORE INFORMATION
crlaurence.com

Adjustable Wall Mount Glass Clamp

Adjustable Wall Mount Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels at any angle. Clearance between the glass and surface is 5/32" to 3/16" (4 to 5 mm). Clear silicone can be used to provide a clean, water resistant seal.





SPECIFICATIONS:
Glass Thickness: 5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Clear Gaskets and Mounting Screw
Hole Diameter Required: 7/8" (22 mm)
Enter Cat. No. in Search Box at **crlaurence.com**, then click on Technical Information Icon for exact hole location in the glass.

NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)

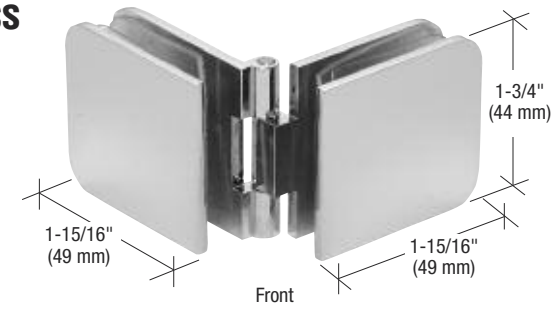
CAT. NO.	FINISH
ADJ037CH	Polished Chrome
ADJ037BN	Brushed Nickel
ADJ037PN	Polished Nickel
ADJ037BR	Polished Brass
ADJ0370RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

Adjustable Glass-to-Glass Clamp

Adjustable Glass-to-Glass Clamps are designed to join two glass panels 5/16" to 1/2" (8 to12 mm) thick that meet between 90 and 180 degrees. Clear silicone can be used to seal the gap and provide a water resistant clean appearance.





SPECIFICATIONS:
Glass Thickness: 5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Clear Gaskets
Hole Diameter Required: 7/8" (22 mm) each panel
Enter Cat. No. in Search Box at **crlaurence.com**, then click on Technical Information Icon for exact hole location in the glass.

NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)

CAT. NO.	FINISH
ADJ180CH	Polished Chrome
ADJ180BN	Brushed Nickel
ADJ180PN	Polished Nickel
ADJ180BR	Polished Brass
ADJ1800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

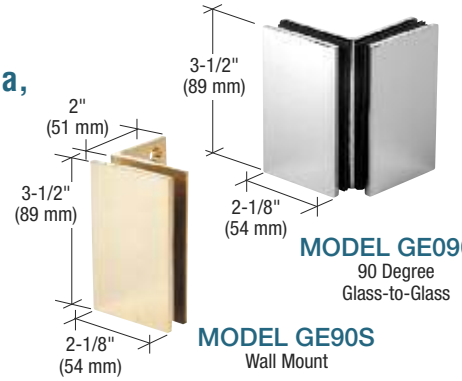
CRL GLASS CLAMPS TO MATCH POPULAR HINGES

go to:
crlaurence.com/**shower-clamps**

CRL Geneva Series Glass Clamps

- **Match Geneva, Concord, Vienna, Cardiff, and Senior Cardiff Series Hinges**





MODEL GE090
90 Degree
Glass-to-Glass

MODEL GE90S
Wall Mount

SPECIFICATIONS:
Glass Thickness: 5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screws
Hole Diameter Required: Two 3/4" (19 mm) holes per panel

WALL MOUNT CAT. NO.	90 DEGREE GLASS-TO-GLASS CAT. NO.	FINISH
GE90SCH	GE090CH	Polished Chrome
GE90SBN	GE090BN	Brushed Nickel
GE90SPN	GE090PN	Polished Nickel
GE90SBR	GE090BR	Polished Brass
GE90S0RB	GE0900RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

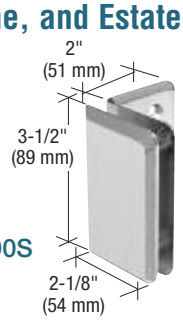
Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Pinnacle Series Glass Clamps

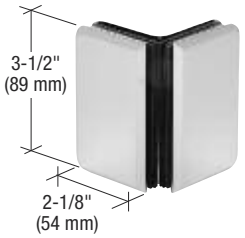
USE MONOLITHIC TEMPERED GLASS

- **Match Pinnacle, Prima, Senior Prima, Cologne, and Estate Series Hinges**





MODEL P190S
Wall Mount



MODEL P1090
90 Degree
Glass-to-Glass

SPECIFICATIONS:
Glass Thickness: 5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screws
Hole Diameter Required: Two 3/4"(19 mm) holes per panel

WALL MOUNT CAT. NO.	90 DEGREE GLASS-TO-GLASS CAT. NO.	FINISH
P190SCH	P1090CH	Polished Chrome
P190SBN	P1090BN	Brushed Nickel
P190SPN	P1090PN	Polished Nickel
P190SBR	P1090BR	Polished Brass
P190S0RB	P10900RB	Oil Rubbed Bronze

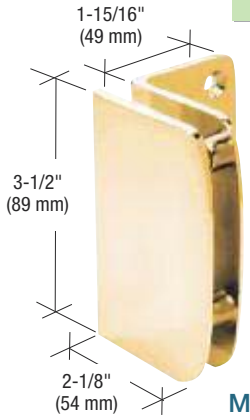
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Roman Series Glass Clamp

- **Matches Roman Series Hinges**





MODEL R090S
Wall Mount

SPECIFICATIONS:
Glass Thickness: 5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screws
Hole Diameter Required: Two 3/4" (19 mm) holes per panel

CAT. NO.	FINISH
R090SCH	Polished Chrome
R090SBN	Brushed Nickel
R090SPN	Polished Nickel
R090SBR	Polished Brass
R090S0RB	Oil Rubbed Bronze

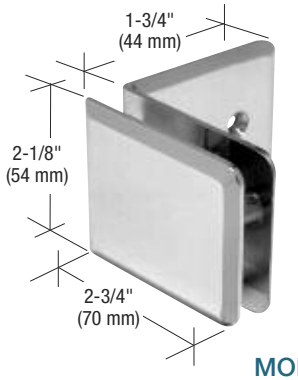
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Grande Series Glass Clamp

- **Matches Grande Series Hinges**





MODEL GR90S
Wall Mount

SPECIFICATIONS:
Glass Thickness: 5/16" to 3/8" (8 to 10 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screws
Hole Diameter Required: One 3/4" (19 mm) hole and one notch

CAT. NO.	FINISH
GR90SCH	Polished Chrome
GR90SBN	Brushed Nickel
GR90SBR	Polished Brass

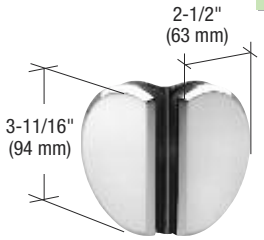
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

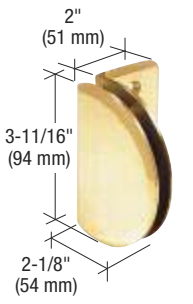
CRL Classique Series Glass Clamps

- **Match Classique Series Hinges**





MODEL CL090
90 Degree
Glass-to-Glass



MODEL CL90S
Wall Mount

SPECIFICATIONS:
Glass Thickness: 5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screws
Hole Diameter Required: Two 5/8" or 3/4" (16 or 19 mm) holes per panel

WALL MOUNT CAT. NO.	90 DEGREE GLASS-TO-GLASS CAT. NO.	FINISH
CL90SCH	CL090CH	Polished Chrome
CL90SBN	CL090BN	Brushed Nickel
CL90SBR	CL090BR	Polished Brass
CL90S0RB	CL0900RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

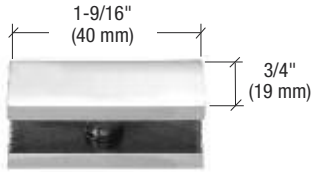
CRL No-Drill Fixed Panel Clamps

• No Glass Fabrication Required

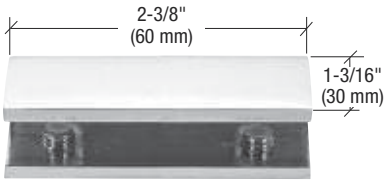
No-Drill Fixed Panel Clamps provide an alternative to clamps requiring drilled holes or notches in the glass. Two nylon tipped set screws are tightened to secure the glass. Mounting screws are also provided for the wall/ceiling/floor. Silicone must also be used for reinforcement along all glass edges where clamps are used. **See important additional information concerning restrictive use of clamps at crlaurence.com/shower-clamps.**







MODEL NDC6
For 1/4" (6 mm) Glass



MODEL NDC4
For 5/16" to 3/8" (8 to 10 mm) Glass

SPECIFICATIONS:
Glass Thickness: NDC6: 1/4" (6 mm); NDC4: 5/16" to 3/8" (8 to 10 mm)
Material: Solid Brass
Includes: Mounting Screw and Clear Gaskets
No Glass Fabrication Required

1/4" GLASS CAT. NO.	5/16" TO 3/8" GLASS CAT. NO.	FINISH
NDC6CH	NDC4CH	Polished Chrome
NDC6BN	NDC4BN	Brushed Nickel
NDC6PN	NDC4PN	Polished Nickel
NDC6BR	NDC4BR	Polished Brass
NDC60RB	NDC40RB	Oil Rubbed Bronze

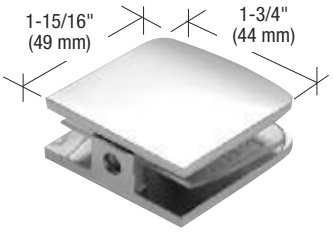
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Roman Fixed Panel U-Clamp

MORE FINISHES crlaurence.com

• Small U-Clamp Matches Roman Hinge Profile



SPECIFICATIONS:
Glass Thickness:
5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Mounting Screw
Hole Diameter Required: 5/8" or 3/4" (16 or 19 mm)
NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)



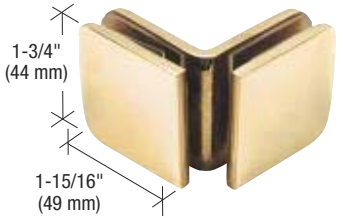
CAT. NO.	FINISH
R0M79CH	Polished Chrome
R0M79BN	Brushed Nickel
R0M79PN	Polished Nickel
R0M79BR	Polished Brass
R0M790RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Roman 90 Degree Glass-to-Glass Clamp

• Matches Roman Hinge Profile



SPECIFICATIONS:
Glass Thickness:
5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Gaskets and Wood Screws
Hole Diameter Required:
5/8" or 3/4" (16 or 19 mm) each panel
NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)



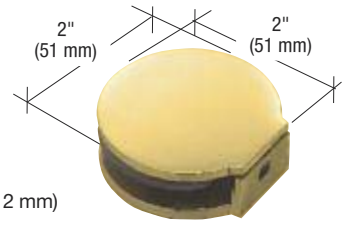
CAT. NO.	FINISH
R0M91CH	Polished Chrome
R0M91BN	Brushed Nickel
R0M91PN	Polished Nickel
R0M91BR	Polished Brass
R0M910RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Round Style Fixed Panel U-Clamp

• Round Shape Ideal for Matching Hydroslide Sliding Door System



SPECIFICATIONS:
Glass Thickness: 5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Mounting Screw and Clear Gaskets
Hole Diameter Required: 5/8" or 3/4" (16 or 19 mm)
NOTE: An additional set of gaskets is required for 5/16" (8 mm) glass (Cat. No. UCG77)



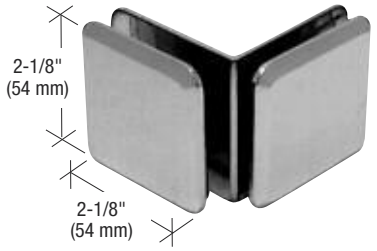
CAT. NO.	FINISH
RC79CH	Polished Chrome
RC79BN	Brushed Nickel
RC79PN	Polished Nickel
RC79BR	Polished Brass
RC790RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

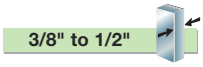
Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Estate Series 90 Degree Glass-to-Glass Clamp

• Matches Estate Hinge Profile



SPECIFICATIONS:
Glass Thickness:
3/8" to 1/2" (10 to 12 mm)
Material: Solid Brass
Includes: Gaskets
Hole Diameter Required:
5/8" or 3/4" (16 or 19 mm) each panel



CAT. NO.	FINISH
EST111CH	Polished Chrome
EST111BN	Brushed Nickel
EST111BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

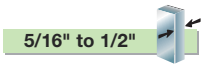
CRL Sleeve-Over Glass Clamps

- **Quickly Secured to Glass With Nylon Tipped Set Screws**

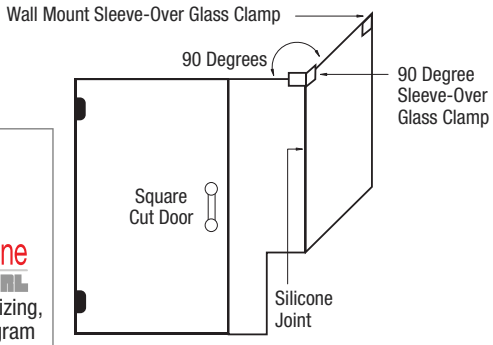
Sleeve-Over Glass Clamps were designed with two purposes in mind. The first is to provide a mechanical fastener to assist with shear forces placed on the glass panels. The second is to provide a securing clamp that would hold the glass panels in position while the sealant applied in the joint cures (the silicone sealant glues the glass panels together, prevents water leakage, and provides the pull strength to keep panels from separating). Clamps are secured in place by a nylon tipped Allen screw, and can be used on both square cut or mitered panels.

SPECIFICATIONS:
Glass Thickness: 5/16" to 1/2" (8 to 12 mm)
Material: Solid Brass
Includes: Gaskets
No Glass Fabrication Required
NOTE: Clamps tighten using nylon tipped Allen screws. These Clamps are not designed to take the place of Headers or a Support Bar. Contact CRL Frameless Shower Technical Sales for more details.





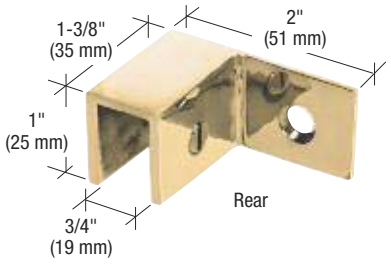




Typical 90 Degree Application

Wall Mount Sleeve-Over Glass Clamp





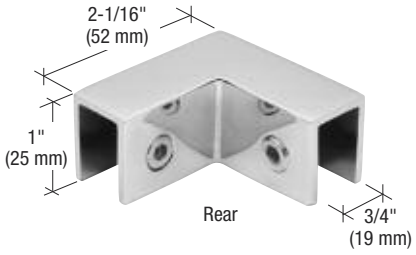
LEFT HAND * CAT. NO.	RIGHT HAND * CAT. NO.	FINISH
S0GC37LCH	S0GC37RCH	Polished Chrome
S0GC37LBN	S0GC37RBN	Brushed Nickel
S0GC37LPN	S0GC37RPN	Polished Nickel
S0GC37LBR	S0GC37RBR	Polished Brass
S0GC37L0RB	S0GC37R0RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.
* As viewed from outside of shower.

90 Degree Sleeve-Over Glass Clamp





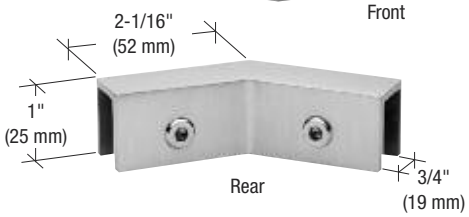
CAT. NO.	FINISH
S0GC90CH	Polished Chrome
S0GC90BN	Brushed Nickel
S0GC90PN	Polished Nickel
S0GC90BR	Polished Brass
S0GC900RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

135 Degree Sleeve-Over Glass Clamp





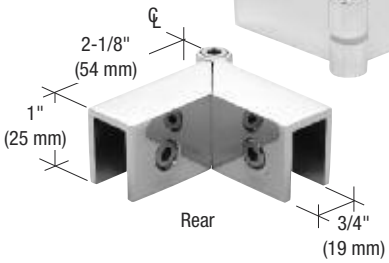
CAT. NO.	FINISH
S0GC135CH	Polished Chrome
S0GC135BN	Brushed Nickel
S0GC135PN	Polished Nickel
S0GC135BR	Polished Brass
S0GC1350RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

Adjustable 90 to 180 Degree Sleeve-Over Glass Clamp





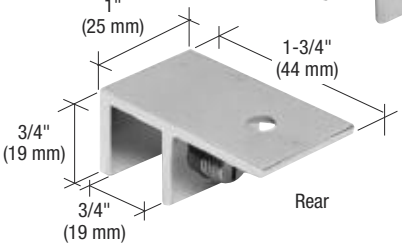
CAT. NO.	FINISH
S0GC91CH	Polished Chrome
S0GC91BN	Brushed Nickel
S0GC91PN	Polished Nickel
S0GC91BR	Polished Brass
S0GC910RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

Ceiling Mount Sleeve-Over Glass Clamp





CAT. NO.	FINISH
S0GC01CH	Polished Chrome
S0GC01BN	Brushed Nickel
S0GC01PN	Polished Nickel
S0GC01BR	Polished Brass
S0GC010RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

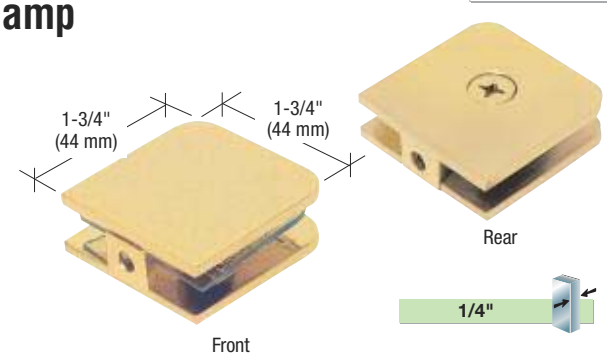
CRL Junior Traditional Glass Clamps

USE MONOLITHIC TEMPERED GLASS

MORE FINISHES crlaurence.com

Fixed Panel U-Clamp

SPECIFICATIONS:
Glass Thickness: 1/4" (6 mm)
Material: Solid Brass
Includes: Mounting Screw and Clear Gaskets
Hole Diameter Required: 5/8" or 3/4" (16 or 19 mm)



Junior Traditional Fixed Panel U-Clamps mount directly to the wall, ceiling or floor to secure vertical fixed glass panels. Clearance between the glass and the floor is 5/32" to 3/16" (4 to 5 mm). Clear silicone can be used to provide a clean, water resistant seal.

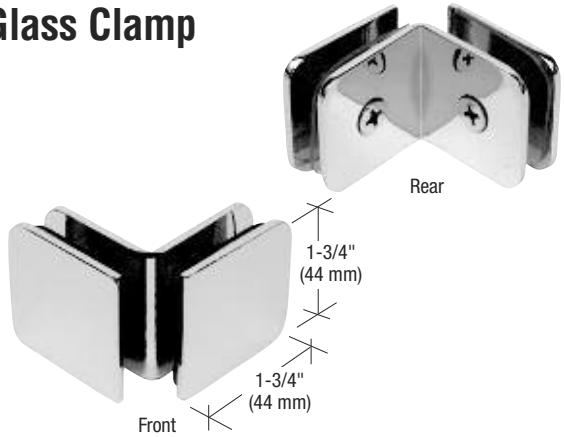
CAT. NO.	FINISH
UC66CH	Polished Chrome
UC66BN	Brushed Nickel
UC66PN	Polished Nickel
UC66BR	Polished Brass
UC660RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

90 Degree Glass-to-Glass Clamp

SPECIFICATIONS:
Glass Thickness: 1/4" (6 mm)
Material: Solid Brass
Includes: Gaskets and Wood Screw for wall mount application
Hole Diameter Required: 5/8" or 3/4" (16 or 19 mm) each panel



A truly versatile 90 Degree Glass Clamp that has two uses: As a 90 Degree Clamp for vertical fixed panels in a glass shower enclosure; as a Bracket for horizontal glass shelves within the enclosure. The traditional 90 Degree Clamp design allows for flush mounting of shelf to wall, or for adjoining panels to meet with a minimal gap.

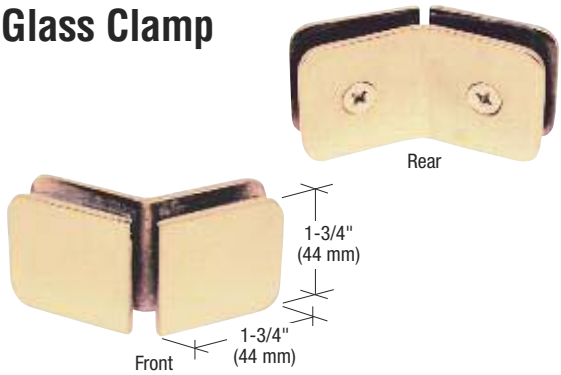
CAT. NO.	FINISH
GCB690CH	Polished Chrome
GCB690BN	Brushed Nickel
GCB690BR	Polished Brass
GCB6900RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

135 Degree Glass-to-Glass Clamp

SPECIFICATIONS:
Glass Thickness: 1/4" (6 mm)
Material: Solid Brass
Includes: Gaskets
Hole Diameter Required: 5/8" or 3/4" (16 or 19 mm) each panel



These Glass-to-Glass Clamps are designed to join 1/4" (6 mm) thick glass panels that meet at 135 degrees.

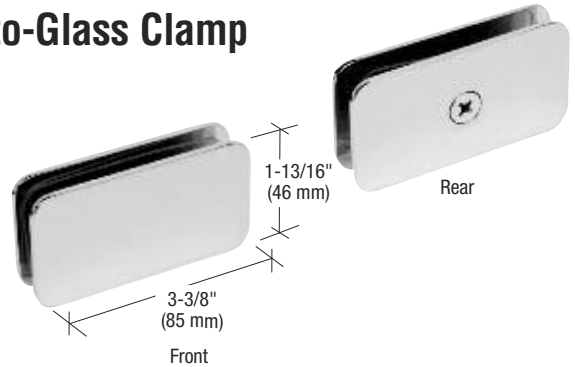
CAT. NO.	FINISH
GCB635CH	Polished Chrome
GCB635BN	Brushed Nickel
GCB635BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

180 Degree Glass-to-Glass Clamp

SPECIFICATIONS:
Glass Thickness: 1/4" (6 mm)
Material: Solid Brass
Includes: Gaskets
Hole Diameter Required: 7/16" (11 mm) gap required between two panels, or you can notch the panels around the screw for a tighter fit.



180 Degree Glass-to-Glass Clamp ideal for 1/4" (6 mm) inline fixed transom or panel installations.

CAT. NO.	FINISH
GCB680CH	Polished Chrome
GCB680BN	Brushed Nickel
GCB680BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Solid Brass Shelf Clamps

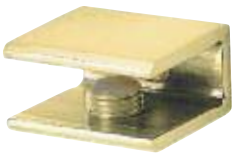
- For 1/4" to 3/8" (6 to 10 mm) Thick Glass
- Available In Three Distinctive Styles
- No Glass Fabrication Required





MORE FINISHES
crlaurence.com

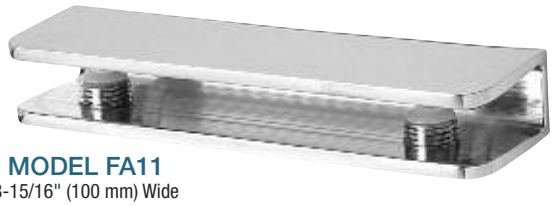




MODEL FA10
1-1/8" (29 mm) Wide
x 1" (25 mm) Deep



MODEL FA12
1-15/16" (49 mm) Wide
x 1" (25 mm) Deep



MODEL FA11
3-15/16" (100 mm) Wide
x 1" (25 mm) Deep

CRL Solid Brass Shelf Clamps can be used to secure a shelf for lightweight articles. Clamps should be secured to wall with screws (not included) in studs, or with Molly-type anchors. Nylon tip brass set screws secure the glass. Clamps will hold 1/4" to 3/8" (6 to 10 mm) glass with no glass fabrication required. Maximum 5" (127 mm) glass protrusion from wall is recommended.

CAT. NO.	FINISH	CAT. NO.	FINISH	CAT. NO.	FINISH
FA10CH	Polished Chrome	FA11CH	Polished Chrome	FA12CH	Polished Chrome
FA10BR	Polished Brass	FA11BR	Polished Brass	FA12BR	Polished Brass
FA10BN	Brushed Nickel	FA11BN	Brushed Nickel	FA12BN	Brushed Nickel
FA10PN	Polished Nickel	FA11PN	Polished Nickel	FA120RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

CRL Adjustable Shelf Clamps

- For Glass or Wood Shelves 1/8" to 15/16" (3 to 24 mm) Thick
- Work With Shelves Up to 12" (305 mm) Protrusion From Wall



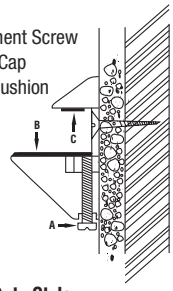




CRL Regular Size Adjustable Shelf Clamp are designed to work with 1/8" to 15/16" (3 to 24 mm) thick glass or wood shelves up to 10" (254 mm) deep. Heavy-Duty Adjustable Shelf Clamps work with 1/2" to 15/16" (12 to 24 mm) thick glass or wood shelves up to 12" (305 mm) deep.

The Clamps are secured with one screw (included) to the substrate. An adjustment screw is also included to accommodate various shelf glass thicknesses. Maximum recommended weight per pair of DL631 Regular Clamps when correctly installed is 44 pounds (20 kg). Maximum recommended weight for two each of DL661 Heavy-Duty Clamps correctly installed is 50 pounds (23 kg).

A = Adjustment Screw
B = Plastic Cap
C = Foam Cushion



REGULAR STYLE CAT. NO.	HEAVY-DUTY STYLE CAT. NO.	FINISH
DL631CH	DL661CH	Polished Chrome
DL631BR	DL661BR	Polished Brass
DL631BN	DL661BN	Brushed Nickel
DL631SC	DL661SC	Satin Chrome
DL631W	DL661W	White
DL631BL	DL661BL	Black

Minimum order: DL631 Series 1 pair; DL661 Series 1 each.
Finishes can be combined for quantity pricing.

Regular Style (Sold in Pairs)

MODEL DL631



Side View



Front View



Bottom View

Heavy-Duty Style (Sold Individually)

MODEL DL661



Side View



Front View



Bottom View

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada









CRL Dry Glaze U-Channel With Vinyls for 5/16" and 3/8" (8 and 10 mm) Glass



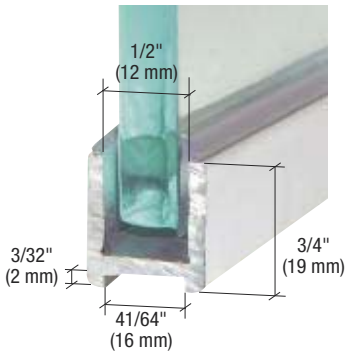
- **Clear Vinyls Secure Glass in Aluminum Channel and Eliminate the Need for Messy Silicone**
- **Recess in Bottom Channel Hides Caulk Line**



Dry Glaze U-Channel offers the installer many benefits. It eliminates the need for messy silicone between the glass and metal, dramatically reducing installation time. If the glass is ever scratched or damaged, it can be removed without the need to cut the sealant.

The extruded aluminum channel is wrapped in a protective poly sleeve with two pieces of clear vinyl to secure 5/16" or 3/8" (8 or 10 mm) glass. The Flexible Vinyl goes on the interior of the shower, while the Rigid Leg Vinyl is inserted on the exterior side. Matching finish End Caps are adhered to the end of the channel using a dab of silicone sealant, and must be ordered separately.

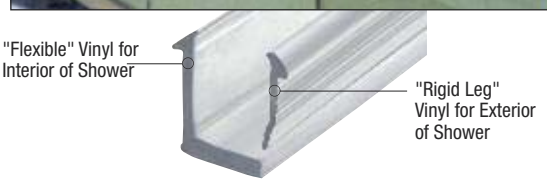
Includes: 98" (2.49 m) Lengths of Channel, Rigid Clear Vinyl, and Flexible Clear Vinyl





U-Channel End Cap
(Sold Separately)





DRY GLAZE U-CHANNEL WITH CLEAR VINYL
98" (2.49 M) STOCK LENGTHS

CAT. NO.	GLASS THICKNESS	FINISH
DUC516BA	5/16" (8 mm)	Brite Anodized
DUC516BN	5/16" (8 mm)	Brushed Nickel
DUC38BA	3/8" (10 mm)	Brite Anodized
DUC38BGA	3/8" (10 mm)	Brite Gold Anodized
DUC38BN	3/8" (10 mm)	Brushed Nickel
DUC380RB	3/8" (10 mm)	Oil Rubbed Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing. Packing Charge added to orders of fewer than five combined lengths.

U-CHANNEL END CAPS ONLY

CAT. NO.	FINISH
SDCEC12CH	Brite Anodized
SDCEC12BR	Brite Gold Anodized
SDCEC12BN	Brushed Nickel
SDCEC120RB	Oil Rubbed Bronze

Minimum order: 10 each. Must be ordered in increments of 10. Finishes can be combined for quantity pricing.

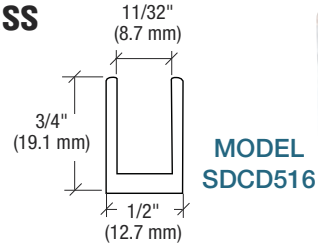
REPLACEMENT VINYL - 98" (2.49 M) LENGTH

CAT. NO.	GLASS THICKNESS	TYPE
FV8DUC	5/16" (8 mm)	Flexible
RV8DUC	5/16" (8 mm)	Rigid
FV4DUC	3/8" (10 mm)	Flexible
RV4DUC	3/8" (10 mm)	Rigid

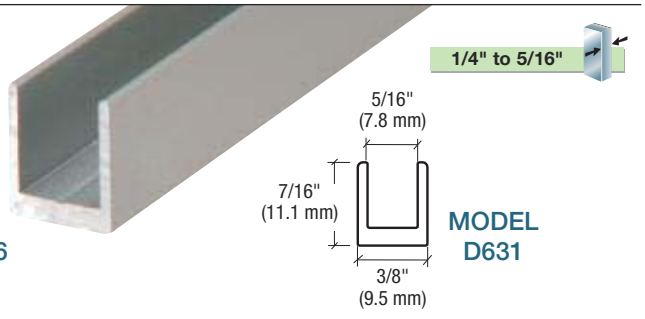
Minimum order: 1 each. Packing Charge added to orders of fewer than 10 combined lengths.

CRL Aluminum U-Channel for 1/4" and 5/16" (6 and 8 mm) Glass

- **Extremely Versatile Extrusions Stocked in Popular Finishes**
- **Wet Glaze With Our 33SMRC Clear Silicone**



MODEL SDCD516



MODEL D631

These Aluminum U-Channels are very versatile extrusions. Use them to secure fixed glass panels in showers or glass partition panels. Glass should be secured with CRL 33SMRC Mildew Resistant Clear Silicone Sealant.

MORE FINISHES crlaurence.com

98" (2.49 M) STOCK LENGTHS FOR 5/16" (8 MM) GLASS

CAT. NO.	GLASS THICKNESS	FINISH
SDCD516BA	5/16" (8 mm)	Brite Anodized
SDCD516BGA	5/16" (8 mm)	Brite Gold Anodized
SDCD516BN	5/16" (8 mm)	Brushed Nickel
SDCD5160RB	5/16" (8 mm)	Oil Rubbed Bronze

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Packing Charge added to orders of fewer than five combined lengths.

144" (3.66 M) STOCK LENGTHS FOR 1/4" (6 MM) GLASS

CAT. NO.	GLASS THICKNESS	FINISH
D631BA	1/4" (6 mm)	Brite Anodized
D631BGA	1/4" (6 mm)	Brite Gold Anodized
D631BN	1/4" (6 mm)	Brushed Nickel
D6310RB	1/4" (6 mm)	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Must ship via common carrier unless cut for UPS. Packing Charge added to orders of fewer than 10 combined lengths.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Fixed Panel Deep U-Channel for 3/8" and 1/2" (10 and 12 mm) Glass

- **Deep Pocket Does an Excellent Job of Securing Fixed Panels of Glass**
- **Wet Glaze With 33SMRC Clear Mildew Resistant Silicone**
- **Popular 98" (2.49 m) or 144" (3.66 m) Stock Lengths**
- **End Caps Offered to Conceal Ends of Channel**

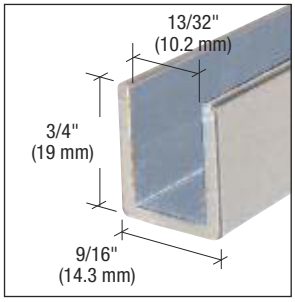
MORE FINISHES crlaurence.com







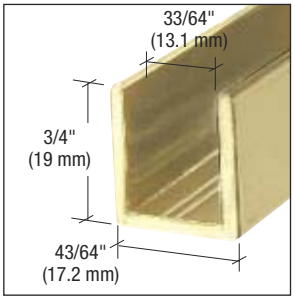
Our Deep U-Channel is for securing fixed panels of glass to the wall, ceiling or floor. Widths suitable for 3/8" and 1/2" (10 and 12 mm) thick glass are available, and are individually wrapped to protect the finish. The 3/4" (19 mm) tall profile Deep U-Channel can be used also as the top channel in installations where the glass must be inserted into the top, then lowered into the 3/8" (9.5 mm) tall Regular U-Channel (see next page) used at the bottom of the enclosure.



MODEL SDCD38
For 3/8" (10 mm) Glass

98" (2.49 M) STOCK LENGTHS FOR 3/8" (10 MM) GLASS

CAT. NO.	FINISH
SDCD38BA	Brite Anodized
SDCD38BN	Brushed Nickel
SDCD38PN	Polished Nickel
SDCD38BGA	Brite Gold Anodized
SDCD380RB	Oil Rubbed Bronze



MODEL SDCD12
For 1/2" (12 mm) Glass

98" (2.49 M) STOCK LENGTHS FOR 1/2" (12 MM) GLASS

CAT. NO.	FINISH
SDCD12BA	Brite Anodized
SDCD12BN	Brushed Nickel
SDCD12PN	Polished Nickel
SDCD12BGA	Brite Gold Anodized
SDCD120RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

144" (3.66 M) STOCK LENGTHS FOR 3/8" (10 MM) GLASS

CAT. NO.	FINISH
SDCD3812BA	Brite Anodized
SDCD3812BN	Brushed Nickel
SDCD3812BGA	Brite Gold Anodized

144" (3.66 M) STOCK LENGTHS FOR 1/2" (12 MM) GLASS

CAT. NO.	FINISH
SDCD1212BA	Brite Anodized
SDCD1212BN	Brushed Nickel
SDCD1212BGA	Brite Gold Anodized

Minimum order: 1 each. All finishes and shapes can be combined for quantity pricing. Packing Charge added to orders of fewer than five combined lengths.
Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL U-Channel End Caps

- **Finishes to Match U-Channels**

CRL End Caps attractively finish off fixed panels glazed in U-Channel. Caps are available for 3/8" and 1/2" (10 and 12 mm) Deep U-Channel, and 3/8" (10 mm) Dry Glaze Channel (see page SD107). Caps are easily applied with a dab of silicone sealant. Other finishes available on special order.



CAT. NO.	FINISH	FITS U-CHANNEL NOS.
SDCEC38BR	Polished Brass	SDCD38BGA/SDCD3812BGA
SDCEC38CH	Polished Chrome	SDCD38BA/SDCD3812BA
SDCEC38BN	Brushed Nickel	SDCD38BN/SDCD3812BN
SDCEC380RB	Oil Rubbed Bronze	SDCD380RB
SDCEC12BR	Polished Brass	SDCD12BGA/SDCD1212BGA
SDCEC12CH	Polished Chrome	SDCD12BA/SDCD1212BA
SDCEC12BN	Brushed Nickel	SDCD12BN/SDCD1212BN
SDCEC120RB	Oil Rubbed Bronze	SDCD120RB

Minimum order: 10 each. Must be ordered in increments of 10.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Fixed Panel Regular U-Channel for 3/8" or 1/2" (10 or 12 mm) Glass



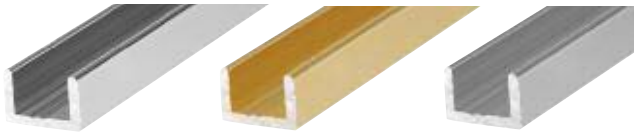
MORE INFORMATION
crlaurence.com



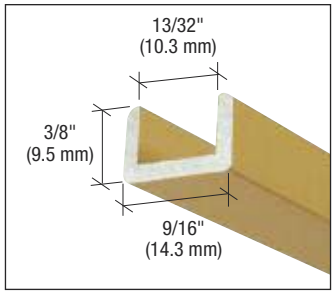
- Wet Glaze With Clear Silicone
- Lower Profile Allows Maximum Glass Exposure
- Popular 98" (2.49 m) Stock Lengths in Three Popular Finishes

Fixed Panel Regular U-Channel is used to secure fixed panels of glass in frameless shower enclosures. The 3/8" (9.5 mm) lower profile height of the channel allows maximum glass exposure for a pleasingly aesthetic appearance.

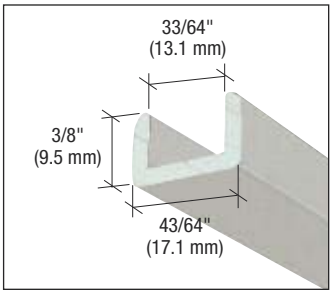
The Regular U-Channel is most commonly used on the bottom and sides of the enclosure, while the Deep U-Channel (see opposite page) is commonly used on top for maximum coverage. Cat. No. 33SMRC Mildew Resistant Clear Silicone is used to secure glass in the channel. Three popular finishes are available.



Brite Anodized | Brite Gold Anodized | Brushed Nickel



MODEL SDCR38
For 3/8" (10 mm) Glass



MODEL SDCR12
For 1/2" (12 mm) Glass

98" (2.49 M) STOCK LENGTHS

CAT. NO.	GLASS THICKNESS	FINISH
SDCR38BA	3/8" (10 mm)	Brite Anodized
SDCR38BGA	3/8" (10 mm)	Brite Gold Anodized
SDCR38BN	3/8" (10 mm)	Brushed Nickel
SDCR12BA	1/2" (12 mm)	Brite Anodized
SDCR12BGA	1/2" (12 mm)	Brite Gold Anodized
SDCR12BN	1/2" (12 mm)	Brushed Nickel

Minimum order: 1 each. All finishes and shapes can be combined for quantity pricing. Packing Charge added to orders of fewer than five combined lengths.

CRL Flat Head Phillips Stainless Steel Screws

- Stainless Steel to Resist Corrosion
- #8 x 1-1/2" (38 mm) Size
- Choose Bulk Bag of 500 or the Convenient Pack of 10



Use CRL Stainless Steel Installation Screws for a trouble-free installation of shower door extrusions. Order one pack of 10, or an economy bag of 500.

CAT. NO. P815SS
(Pack of 10)

CAT. NO. S8X15MF
(Bag of 500)

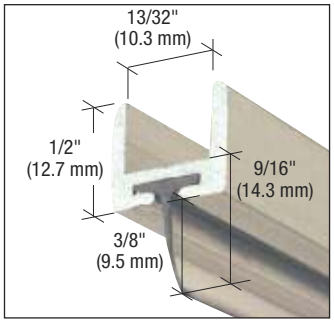
CRL Shower Door U-Channel With Wipe for 3/8" or 1/2" (10 or 12 mm) Glass



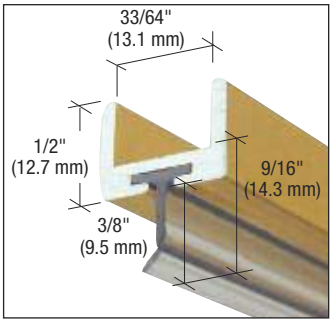


- Aluminum Channel With Included Vinyl Wipe Fits Onto Bottom of Shower Door
- Maintains Continuous Metal Sightline When Used on Door Next to Fixed Panels With Deep U-Channel

This door bottom mounted U-Channel With Wipe has a 1/2" (12.7 mm) profile, which makes an even sight line when used next to a fixed panel glazed with Deep U-Channel on the bottom. While many will choose to use a clear wipe at the bottom of the shower door for an 'all-glass' look, others will want the continuous appearance of metal while using this Shower Door U-Channel With Wipe. Available in 98" (2.49 m) stock lengths.



MODEL SDW38
For 3/8" (10 mm) Glass



MODEL SDW12
For 1/2" (12 mm) Glass

98" (2.49 M) STOCK LENGTHS

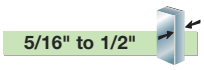
CAT. NO.	GLASS THICKNESS	FINISH
SDW38BA	3/8" (10 mm)	Brite Anodized
SDW38BGA	3/8" (10 mm)	Brite Gold Anodized
SDW38BN	3/8" (10 mm)	Brushed Nickel
SDW38SC	3/8" (10 mm)	Satin Anodized
SDW12BA	1/2" (12 mm)	Brite Anodized
SDW12BGA	1/2" (12 mm)	Brite Gold Anodized
SDW12BN	1/2" (12 mm)	Brushed Nickel

Minimum order: 1 each. All finishes and shapes can be combined for quantity pricing. Packing Charge added to orders of fewer than five combined lengths..

CRL Deluxe Header Kits for 5/16", 3/8", and 1/2" (8, 10, and 12 mm) Glass

- **Acts as a Decorative Crown Over Shower Enclosure to Secure Fixed Panels of Glass Not Going All the Way to the Ceiling**
- **Includes Snap-In Filler for Door Pocket, Wall Mounting Brackets, and Appropriate Vinyl for Snug Fit of Glass**
- **Available in Up to Three Standard Lengths**
- **Custom Finishes on Special Order**





MORE INFORMATION
crlaurence.com

Our Deluxe Header Kits will provide additional support and a level of safety while securing fixed panels of glass not reaching the ceiling. Deluxe Header Kits are designed to allow installers to do "in-house" fabrication by being able to cut the Header Extrusion to size and by using a selection of component parts.

Sold in 66" (1.67 m), 98" (2.49 m), and 144" (3.66 m) stock lengths, the Deluxe Header Extrusion has only a 1-1/4" (31.8 mm) tall profile to minimize metal exposure and maximize glass exposure while maintaining safety and security. Header is an extruded aluminum alloy. A choice of profiles is available. Our popular "round on one side and flat on the other side" profile has been joined by a "flat on both sides" profile.

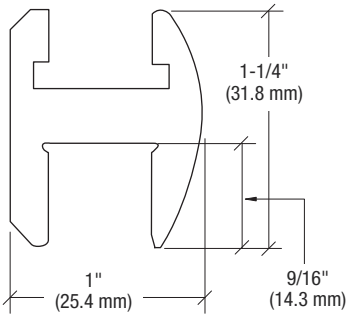
Certain installations will require the use of additional components: Adapter Blocks used with Top and Bottom Pivot Hinges; Metal Corners used for various angled installations; Blank Wall Mounting Bracket for situations where the Header does not meet the wall at 90 degrees are all sold separately (see pages SD112-SD113).



Typical installation using Top and Bottom Pivot Hinges

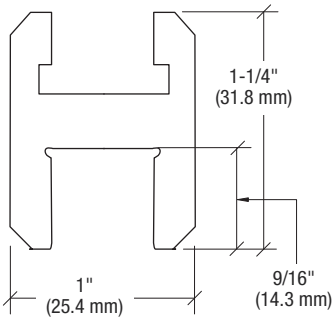
- **Choice of Profiles: Round on One Side and Flat on the Other, or Flat on Both Sides of Header**





SDH Series
Round/Flat Profile





SQH Series
Flat/Flat Profile



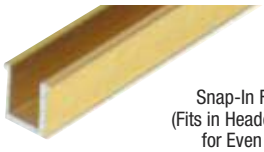
Close-up of an installation using Top and Bottom Pivot Hinges

CRL Deluxe Header Kit Installation Instructions can be obtained by referring to our SDT21 Frameless Shower Door Guide (see page SD112), or by going to **crlaurence.com/shower-headers**.

CRL Deluxe Header Kits for 5/16", 3/8", and 1/2" (8, 10, and 12 mm) Glass

Deluxe Header Kits Contain:

- One 66" (1.67 m), 98" (2.49 m) or 144" (3.66 m) Piece of Aluminum Header Extrusion
- One 36" (914 mm) Piece of Aluminum Snap-In Filler for Door Pocket
- One Pack of Two BWB2 Brass Wall Mounting Brackets
- Clear Vinyl for 5/16" (8 mm) and 3/8" (10 mm) Glass
  (Vinyl not required for 1/2" (12 mm) Glass)



Snap-In Filler Insert
(Fits in Header Above Door for Even Sightline)



Clear Vinyl for Glass





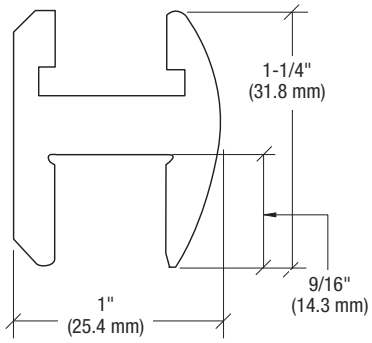


Brass Wall Mounting Brackets Included in Kit.
(Two Per Pack)

NOTE: If choosing to use this Header Kit with 1/4" (6 mm) glass, Cat. No. HV140 Vinyl may be ordered separately (see page SD113).



SDH Series
Popular Round/Flat Profile
Deluxe Header Extrusion





SQH Series
New Flat/Flat Profile
Deluxe Header Extrusion

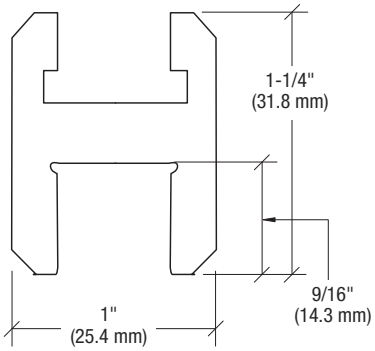


PHOTO GALLERY crlaurence.com

Since Kits Come Complete, Ordering is as Simple as Specifying 1-2-3

1. Shape of Header Extrusion (Flat/Flat or Round/Flat)
2. Length of Extrusion 66" (1.67 m), 98" (2.49 m), or 144" (3.66 m)
3. Extrusion Finish (Finishes Not Shown Below May Be Available on Special Order)

Ordering assistance is available at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for CRL Shower Technical Sales. You can also reach us by e-mail at **showers@crlaurence.com**.









MORE FINISHES crlaurence.com

FLAT/FLAT PROFILE 98" (2.49 M) CAT. NO.	ROUND/FLAT PROFILE 98" (2.49 M) CAT. NO.	ROUND/FLAT PROFILE 66" (1.67 M) CAT. NO.	ROUND/FLAT PROFILE 144" (3.66 M) CAT. NO.	FINISH
SQH980BA	SDH980BA	SDH660BA	SDH144BA	Brite Anodized
SQH980BN	SDH980BN	SDH660BN	SDH144BN	Brushed Nickel
---	SDH980PN	---	---	Polished Nickel
SQH980BGA	SDH980BGA	SDH660BGA	SDH144BGA	Brite Gold Anodized
SQH9800RB	SDH9800RB	SDH6600RB	SDH1440RB	Oil Rubbed Bronze
---	SDH980BBRZ	---	---	Brushed Bronze

Minimum order: 1 each. Finishes and lengths can be combined for quantity pricing. 144" (3.66 m) lengths must ship via common carrier.

CRL Deluxe Header Kit Installation Instructions can be obtained by referring to our SDT21 Frameless Shower Door Guide (see page SD112), or by going to **crlaurence.com/shower-headers**.

CRL Adapter Blocks

- Adapter Blocks Required When Using Deluxe Header Kit With Top and Bottom Pivot Hinges
- For Use Only With Deluxe Header Kits Shown on Pages SD110-SD111



Complete installation instructions are available in our SDT21 Frameless Shower Door Guide (See page SD004), or by going to crlaurence.com/shower-headers.



CRL Adapter Block for Prima, Cardiff, Rondo, and Shell Series Pivot Hinges



- Adapts Top Pivot Hinge to Deluxe Header

This Adapter Block is commonly used with the Regular Prima Series (not Junior or Senior), Cardiff, Shell, and Rondo Series Hinges. The Adapter Block allows the Hinge to be mounted directly into the Shower Header, and can be adjusted laterally to any position required. The Adapter Block has a clearance notch which allows it to fit under the wall bracket when the Hinge is mounted close to a wall. A drilled 3/16" (5 mm) hole in the Header is required for installation, and the Hinge base plate must be removed to mount the Hinge to the Header. Each Adapter Block is individually packed with a screw.

MORE FINISHES crlaurence.com

CAT. NO.	FOR USE WITH HEADER FINISHES
HAB01BA	Brite Anodized, Polished Nickel
HAB01BN	Brushed Nickel
HAB01BGA	Brite Gold Anodized
HAB010RB	Oil Rubbed Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.
Adapter Block is visible only when shower door is open.

CRL Adapter Block for Senior Prima and Senior Cardiff Series Pivot Hinges



- Adapts Top Pivot Hinge to Deluxe Header

The Senior Adapter Block is used with our Senior Prima and Senior Cardiff Hinges. The Senior Adapter Block allows the Hinge to be mounted directly into the Deluxe Header, and can be moved laterally to any position desired. The Senior Adapter Block has a clearance notch which allows it to fit under the wall bracket when the Hinge is mounted close to the wall. A drilled 1/4" (6.3 mm) hole in the Header is required for installation, and the base plate of the top hinge must be removed to mount the Hinge to the Header.

The Senior Adapter Block comes with a pivot attached. The factory-installed Pivot Pin must be removed from the Hinge, and the Pivot Pin attached to the Senior Adapter Block installed into the Hinge. Each Senior Adapter Block is individually packed with a screw.

CAT. NO.	FOR USE WITH HEADER FINISHES
SRHAB01BA	Brite Anodized, Polished Nickel
SRHAB01BN	Brushed Nickel
SRHAB01BGA	Brite Gold Anodized
SRHAB010RB	Oil Rubbed Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.
Adapter Block is visible only when shower door is open.







CRL Header Corners for Angled Enclosures

- Fixed Angle or Adjustable



CAT. NO. CD390



CAT. NO. CD395



CAT. NO. CD373



CAT. NO. BHC90



CAT. NO. BHC135



CAT. NO. BHC373

Aluminum or Brass constructed Header Corners connect and secure header pieces meeting at various angles. The appropriately angled Corner slides neatly into the "T" slot in the top of the Header, and is visible from a top view only, thus concealing the appearance from normal bathroom viewing areas. We offer fixed 90 and 135 Degree Corners, along with Adjustable Corners for non-standard angles.

ALUMINUM CAT. NO.	ANGLE	BRASS CAT. NO.
CD390	90 Degree	BHC90
CD395	135 Degree	BHC135
CD373	Adjustable	BHC373

Minimum order: 1 each. All Corners can be combined for quantity pricing.

CRL Replacement Wall Mounting Brackets for Deluxe Header



CAT. NO. SHB100
(2 per pack)



CAT. NO. BWB2
(2 per pack)

Aluminum or Brass constructed Wall Brackets connect the Header to the wall surface. Deluxe Brass constructed Wall Brackets (Cat. No. BWB2) are included in every Header Kit. Brackets come two per pack with screws.

NOTE: If the Header does not meet the wall at a 90 degree angle, a Blank Wall Mounting Bracket is offered for field fabrication (see below).

CAT. NO.	MATERIAL
SHB100	Aluminum
BWB2	Brass

Minimum order: 1 pack. Can be combined for quantity pricing.

CRL Replacement Clear Vinyl for Deluxe Header



CRL offers Replacement Vinyl if you want to keep extra on hand. Appropriate lengths of Vinyl for 5/16" (8 mm) and 3/8" (10 mm) glass are included in each Deluxe Header Kit. HV140 Vinyl is only required if using Deluxe Header Kit with 1/4" (6 mm) glass. **NOTE:** Vinyl for 1/2" (12 mm) glass is not required, as the fit is already tight enough.

CAT. NO.	GLASS THICKNESS
HV380	3/8" (10 mm)
HV516	5/16" (8 mm)
HV140	1/4" (6 mm)

Minimum order: 8 feet. Sold only in eight foot (2.49 m) increments.

CRL Blank Wall Mounting Bracket for Deluxe Header

Our Blank Wall Mounting Bracket was designed to work where the Header does not meet the wall at a typical 90 degree angle, and standard Wall Mounting Brackets will not work. Make this Blank Wall Mounting Bracket any angle by identifying the angle needed in the field and fabricating the Bracket accordingly.



CAT. NO.	DESCRIPTION
SHB225	Blank Wall Mounting Bracket

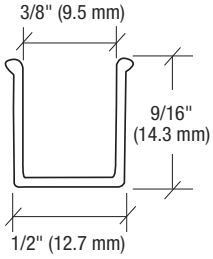
Minimum order: 1 each.

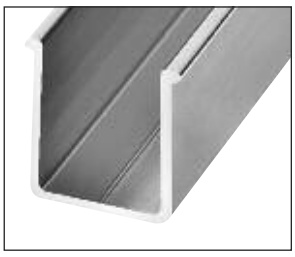
CRL Replacement Snap-In-Filler for Deluxe Header

MORE FINISHES crlaurence.com

- Extruded Aluminum Filler Fits Into Header Pocket Above Door Opening

A 36" (914 mm) piece of Snap-in-Filler is provided with each Deluxe Header Kit, and is also available for replacement in both 36" (914 mm) and 72" (1829 mm) lengths in many finishes. Snap-in-Filler puts the finishing touch on the installation of the Deluxe Header. By simply press fitting the Filler into the Header directly above the door pocket, you create an even sightline of metal, and fill what would have otherwise been an unattractive Header pocket.





36" (914 MM) LENGTH CAT. NO.	72" (1829 MM) LENGTH CAT. NO.	FINISH
S1F360BAEXT	S1F720BAEXT	Brite Anodized
S1F360BNEXT	S1F720BNEXT	Brushed Nickel
S1F360PNEXT	S1F720PNEXT	Polished Nickel
S1F360BGAEXT	S1F720BGAEXT	Brite Gold Anodized
S1F3600RBEXT	S1F7200RBEXT	Oil Rubbed Bronze

Minimum order: 1 each.

CRL EZ-Adjust Header Kits for 5/16", 3/8", and 1/2" (8, 10, and 12 mm) Glass





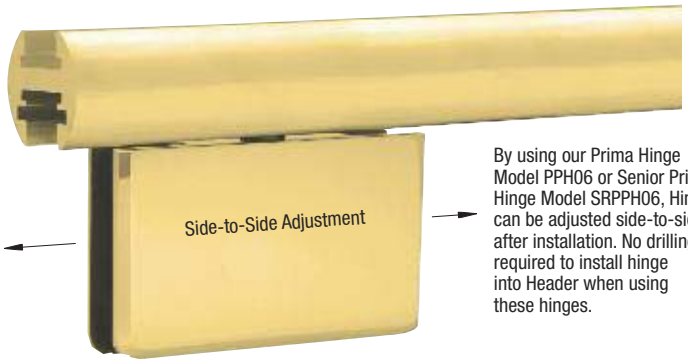
- Secures Shower Enclosure Not Going to Ceiling
- Allows Horizontal (Side-to-Side) Adjustment of Hinge After Installation
- No Hole Drilling Required Through Header for Adaptor, if Using Prima Hinge Model PPH06 or Senior Prima Hinge Model SRPPH06
- Constructed of Heavy Aluminum Alloy
- Clear Vinyl Included for 5/16" and 3/8" (8 and 10 mm) Glass; Not Required for 1/2" (12 mm) Glass



The EZ-Adjust Shower Door Header Kit provides a safe and beautiful frameless shower installation by securing enclosures that do not reach the ceiling. Acting as a "crown" over the top of the glass, the EZ-Adjust Shower Door Header Kit is bracketed to each wall.

The EZ-Adjust System allows adjustability after installation in that the hinge (Prima Series PPH06 and Senior Prima Series SRPPH06 only) can be moved left and right as desired. No drilling through the Header is required for an Adaptor Block if using Prima Hinge Model PPH06 or Senior Prima Hinge Model SRPPH06, due to a built-in adaptation to the hinges (see pages SD047 and SD049).

Constructed of heavy aluminum alloy, the EZ-Adjust Header Kit is available in 98" and 144" (2.49 and 3.66 m) stock lengths that allow the installer to cut as required. A Snap-in Filler Insert for the door pocket, along with Wall Mounting Brackets and Clear Glazing Vinyl, round out the Kit. Other accessories that may be ordered separately are shown on page SD113.

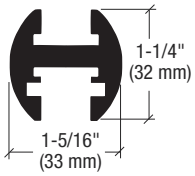


By using our Prima Hinge Model PPH06 or Senior Prima Hinge Model SRPPH06, Hinge can be adjusted side-to-side after installation. No drilling required to install hinge into Header when using these hinges.

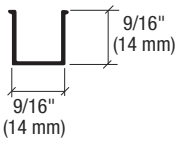
(Hinge Not Included)

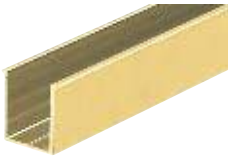
EACH EZ-ADJUST HEADER KIT INCLUDES:

One 98" (2.49 m) Cat. No. EHK98 or 144" (3.66 m) Cat. No. EHK144 Header Length
One 36" (914 mm) Cat. No. EHF360 Snap-In Filler Insert for Door Pocket
One Cat. No. BWB2 Deluxe Wall Mount Bracket Kit (Two Brackets)
8 Feet (2.44 m) of Cat. No. V4EHK Clear Vinyl









Deluxe Wall Mount Brackets
(2) Per Pack





NOTE: Glazing Vinyl Required When Using 5/16" (8 mm) and 3/8" (10 mm) Glass in EZ-Adjust Header System. No vinyl required for 1/2" (12 mm) Glass

MORE FINISHES crlaurence.com

98" (2.49 M) KIT CAT. NO.	144" (3.65 M) KIT CAT. NO.	FINISH
EHK98BA	EHK144BA	Brite Anodized
EHK98BGA	EHK144BGA	Brite Gold Anodized
EHK98BN	EHK144BN	Brushed Nickel
EHK980RB	---	Oil Rubbed Bronze

Minimum order: 1 each. Finishes and lengths can be combined for quantity pricing. 144" (3.65 m) lengths must ship common carrier.



See pages SD047 and SD049 for SRPPH06 and PPH06 Top Hinges

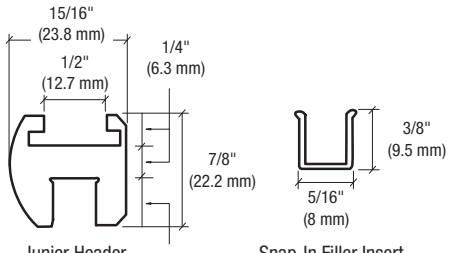


See pages SD046 and SD048 for SRPPH01and PPH01 Bottom Hinges

CRL Junior Header Kits for 1/4" (6 mm) Glass

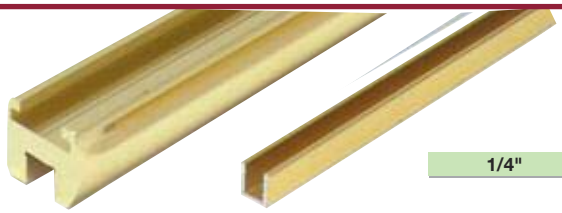
- **Secures Shower Enclosures Not Going All the Way to the Ceiling**
- **Dual Profile Allows User Choice of Soft Rounded Side or Flat Side**
- **98" (2.49 m) Lengths in Your Choice of Popular Finishes**

The Junior Header Kit for 1/4" (6 mm) thick glass provides support to shower enclosures not going all the way to the ceiling. Installers can fabricate in-house using the components provided. The Kits contain all items needed for installation, except the JRHAB01 Junior Adapter Block, which must be purchased separately. The Junior Header is an extruded aluminum alloy that adds sturdiness to a properly installed enclosure.



MORE FINISHES
crlaurence.com

Kit Contents:



USE MONOLITHIC TEMPERED GLASS

MODEL HE06
Header

MODEL 1N06
Snap-In Filler

EACH JUNIOR HEADER KIT INCLUDES:

- One 98" (2.49 m) Piece of HE06 Header Extrusion
- One 36" (914 mm) Piece of 1N06 Snap-In Filler for Door Pocket
- 98" (2.49 m) of Vinyl for 1/4" (6 mm) Thick Glass
- One Pack of Two Wall Mounting Brackets
- Six Corners (Two Adjustable, Two Fixed 90 Degree, and Two Fixed 135 Degree)
- One 3 mm Allen Wrench
- 12 each 8 x 3/8" Pan Head Phillips Sheet Metal Screws



CAT. NO. CD395
135 Degree Fixed Corner
Two Each



CAT. NO. CD390
90 Degree Fixed Corner
Two Each

The Junior Header Kit is adaptable to Junior Prima Hinges if using the Kit with Top and Bottom Mount Pivot Hinges. See the Junior Adapter Block below.



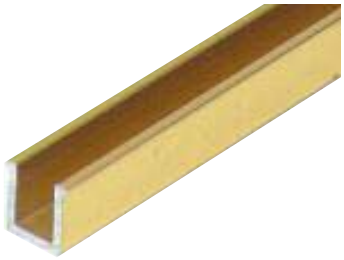
MODEL BWB2
Wall Mount Brackets
Two Per Pack



CAT. NO. CD373
Adjustable Corner
Two Each

- **Junior Adapter Block Required for Use With Junior Prima Hinge Only (Sold Separately)**





98" (2.49 M) JUNIOR HEADER KITS

CAT. NO.	FINISH
HEADER06CH	Brite Anodized
HEADER06BN	Brushed Nickel
HEADER06BR	Brite Gold Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing.

JUNIOR ADAPTER BLOCKS

CAT. NO.	FINISH
JRHAB01BA	Brite Anodized
JRHAB01BN	Brushed Nickel
JRHAB01BGA	Brite Gold Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing.

36" (914 MM) REPLACEMENT SNAP-IN FILLER

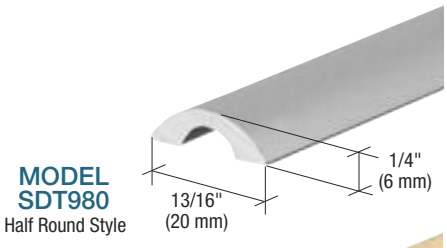
CAT. NO.	FINISH
1N06CH	Brite Anodized
1N06BN	Brushed Nickel
1N06BR	Brite Gold Anodized

Minimum order: 1 each.

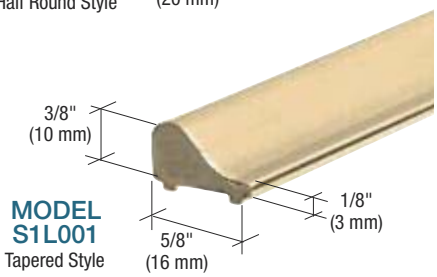
CRL Shower Door Bottom Thresholds

- **Assists Watershed Back Into Shower**
- **Perfect for Flat or Out-Sloping Curbs**

Our extruded aluminum Shower Door Bottom Thresholds are mounted directly below the shower door to let water drain back into the shower stall. Ideal for flat or out-sloping curbs. The rounded low contour of the Half Round Threshold will not harm feet. The Tapered Style Sill leaves a minimal sightline from the exterior of the shower. Thresholds may be used in conjunction with a bottom sweep. Use Cat. No. 33SMRC Mildew Resistant Silicone to adhere to curb of shower stall.



MODEL SDT980
Half Round Style



MODEL S1L001
Tapered Style

98" (2.49 M) STOCK LENGTHS

CAT. NO.	STYLE	SIZE
SDT980BA	Half Round	Brite Anodized
SDT980BGA	Half Round	Brite Gold Anodized
SDT980BN	Half Round	Brushed Nickel
SDT9800RB	Half Round	Oil Rubbed Bronze
SDT980W	Half Round	White
S1L001CH	Tapered	Brite Anodized
S1L001BR	Tapered	Brite Gold Anodized
S1L001BN	Tapered	Brushed Nickel
S1L001W	Tapered	White

Minimum order: 1 each. All Thresholds can be combined for quantity pricing.
Packing Charge added to orders of fewer than five combined lengths.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Fixed Panel Support Bars

- **May Be Used as an Alternative to CRL Header Kits to Secure Fixed Panels and Provide Safety**
- **Wall-to-Glass and Glass-to-Glass Models Available for 1/4" to 1/2" (6 to 12 mm) Thick Glass**
- **Simply Cut to Size to Accommodate Individual Configurations**
- **No Hole Drilling Required**





MORE INFORMATION
crlaurence.com

SPECIFICATIONS:

Material: 3/4" (19 mm) Diameter Tubular Brass Bar, Solid Brass End Caps

Bar Lengths: 39" (1 m); 51" (1.3 m)

Glass Thickness Range: 1/4" to 1/2" (6 to 12 mm)

Includes: All Required Mounting Hardware

These Fixed Panel Support Bars stabilize fixed panels of glass in enclosures that do not go all the way up to the ceiling. The Wall-to-Glass Bar has a bell-shaped clamping device that screws into the wall, and a solid brass end cap with a swiveling U-shaped receptacle to secure the fixed glass panel. The Glass-to-Glass Bar has solid brass end caps with swiveling U-shaped receptacles on both ends to secure each fixed panel.

Nylon-tipped set screws secure the glass and prevent glass-to-metal contact. Bars are available in two lengths, and in sizes to secure 1/4" to 1/2" (6 to 12 mm) thick glass. Finishes are available to match most of our Hinges, Knobs, and Pull Handles. No holes or cut-outs are required in the glass. Longer length Bars only are available separately (see next page).



Typical Wall-to-Glass Installation



Typical Glass-to-Glass Installation



Wall-to-Glass Bar



Glass-to-Glass Bar

WALL-TO-GLASS BARS

1/4" TO 5/16" (6 TO 8 MM) CAT. NO.	BAR LENGTH	FINISH	3/8" TO 1/2" (10 TO 12 MM) CAT. NO.
SUP06CH	39" (1 m)	Polished Chrome	SUP10CH
SUP06BN	39" (1 m)	Brushed Nickel	SUP10BN
SUP06PN	39" (1 m)	Polished Nickel	SUP10PN
SUP06BR	39" (1 m)	Polished Brass	SUP10BR
---	39" (1 m)	Oil Rubbed Bronze	SUP100RB
---	51" (1.3 m)	Polished Chrome	SUP10CH51
---	51" (1.3 m)	Brushed Nickel	SUP10BN51
---	51" (1.3 m)	Polished Brass	SUP10BR51

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars can be combined for quantity pricing.

GLASS-TO-GLASS BARS

1/4" TO 5/16" (6 TO 8 MM) CAT. NO.	BAR LENGTH	FINISH	3/8" TO 1/2" (10 TO 12 MM) CAT. NO.
SUP26CH	39" (1 m)	Polished Chrome	SUP20CH
SUP26BN	39" (1 m)	Brushed Nickel	SUP20BN
SUP26PN	39" (1 m)	Polished Nickel	SUP20PN
SUP26BR	39" (1 m)	Polished Brass	SUP20BR
---	39" (1 m)	Oil Rubbed Bronze	SUP200RB
---	51" (1.3 m)	Polished Chrome	SUP20CH51
---	51" (1.3 m)	Brushed Nickel	SUP20BN51
---	51" (1.3 m)	Polished Brass	SUP20BR51

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars can be combined for quantity pricing.

CRL Support Bar Accessories and Replacement Parts

- For Use as Replacement Parts, or for Fabrication of Your Own Custom Support Bar
- Many Popular Stock Finishes, With Custom Finishes Available
- No Glass Fabrication Required





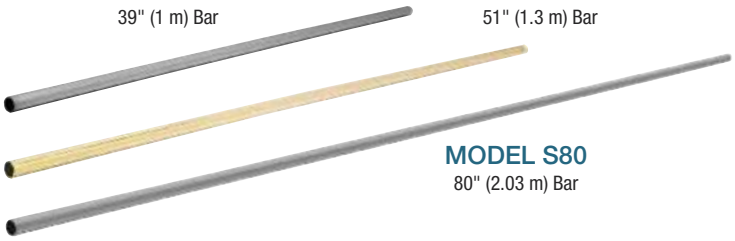
MORE INFORMATION
crlaurence.com

CRL offers component Support Bar Parts for replacement purposes, or for the fabrication of a custom Support Bar to complete your needs. Support Bars are an excellent way to stabilize a fixed panel in a frameless shower enclosure, and the assortment of the following parts gives you many options. You will find that fabricating custom Support Bars for your requirements is quick and easy with our varied selection of parts. A variety of popular finishes are stocked, and as always custom finishes are available upon request.

CRL Support Bars Only

- 3/4" (19 mm) Diameter Straight Rod in a Choice of Three Lengths
- Custom Lengths and Finishes Available

MORE FINISHES
crlaurence.com



39" (1 M) BAR CAT. NO.	51" (1.3 M) BAR CAT. NO.	80" (2.03 M) BAR CAT. NO.	FINISH
S1CH	S2CH	S80CH	Polished Chrome
S1BN	S2BN	S80BN	Brushed Nickel
---	S2PN	---	Polished Nickel
S1BR	S2BR	S80BR	Polished Brass
S10RB	S20RB	S800RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars and Accessories can be combined for quantity pricing.

CRL Wall or Ceiling Bracket for Support Bars

- Bracket Accepts S1, S2, or S80 Support Bar
- Fastens to Wall or Ceiling With Supplied Screw

Generally used with S4 or S5 U-Bracket on other end of Bar (see right).





CAT. NO.	FINISH
S3CH	Polished Chrome
S3BN	Brushed Nickel
S3PN	Polished Nickel
S3BR	Polished Brass
S30RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each.

CRL Adjustable U-Brackets for 1/4" to 1/2" (6 to 12 mm) Glass

- Brackets Accept S1, S2, or S80 Support Bar

Adjustable Brackets swivel to any angle. Simply secure to fixed panel with nylon tip screw.



MODEL S4
For 1/4" and 5/16" (6 and 8 mm) Glass



MODEL S5
For 3/8" and 1/2" (10 and 12 mm) Glass



FOR 1/4" AND 5/16" (6 AND 8 MM) GLASS

CAT. NO.	FINISH
S4CH	Polished Chrome
S4BN	Brushed Nickel
S4BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each.

FOR 3/8" AND 1/2" (10 AND 12 MM) GLASS

CAT. NO.	FINISH
S5CH	Polished Chrome
S5BN	Brushed Nickel
S5BR	Polished Brass
S50RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each.

All Support Bars and Accessories can be combined for quantity pricing.

CRL Movable Brackets

- **Bar Fits Through Bracket for Field Adjustments**
- **New Swivel Model for 1/4" (6 mm) Glass**





MODEL S6
For 1/4" (6 mm) Glass



MODEL S6ADJ
Swivel For 1/4" (6 mm) Glass



MODEL S7
For 3/8" to 1/2" (10 to 12 mm) Glass

1/4" (6 MM) CAT. NO.	1/4" (6 MM) SWIVEL CAT. NO.	3/8" TO 1/2" (10 TO 12 MM) CAT. NO.	FINISH
S6CH	S6ADJCH	S7CH	Polished Chrome
S6BN	S6ADJBN	S7BN	Brushed Nickel
S6BR	---	S7BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars and Accessories can be combined for quantity pricing.

CRL Vertical Support Bracket

MORE FINISHES crlaurence.com

1/4" to 1/2"

- **Fixed Bracket for Edge or Top of Glass**





MODEL S9
For 1/4" (6 mm) Glass



MODEL S910
For 3/8" to 1/2" (10 to 12 mm) Glass



1/4" (6 MM) CAT. NO.	3/8" TO 1/2" (10 TO 12 MM) CAT. NO.	FINISH
S9CH	S910CH	Polished Chrome
S9BN	S910BN	Brushed Nickel
---	S910PN	Polished Nickel
S9BR	S910BR	Polished Brass
---	S9100RB	Oil Rubbed Bronze

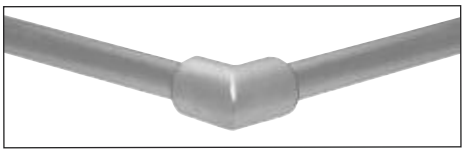
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars and Accessories can be combined for quantity pricing.

CRL 90 Degree Corner Bracket

- **Accepts S1, S2, or S80 Bar**





CAT. NO.	FINISH
S8CH	Polished Chrome
S8BN	Brushed Nickel

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars and Accessories can be combined for quantity pricing.

CRL Wall Mount Fitting

- **Accepts S1, S2, or S80 Bar**
- **Fastens to Wall or Ceiling**





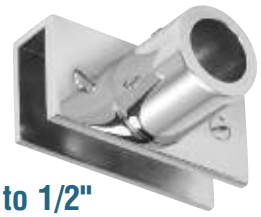
CAT. NO.	FINISH
S12CH	Polished Chrome
S12BN	Brushed Nickel
S12PN	Polished Nickel
S12BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars and Accessories can be combined for quantity pricing.

CRL Glass Mount Fitting

- **Accepts S1, S2, or S80 Bar**
- **Sleeves Over 1/4" to 1/2" (6 to 12 mm) Glass**





CAT. NO.	FINISH
S13CH	Polished Chrome
S13BN	Brushed Nickel
S13PN	Polished Nickel
S13BR	Polished Brass

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars and Accessories can be combined for quantity pricing.

CRL Mitered Support Bar Brackets

- **A Great Solution for Inline Enclosures Requiring Fixed Panel Support When a Header is Not Desired**
- **45 and 22-1/2 Degree Miters Available**

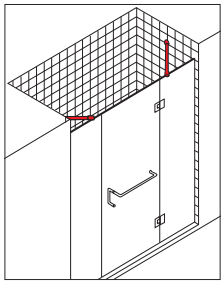
These Mitered Support Bar Wall Mount Brackets are designed to attach to the wall using the included screw. These Brackets are perfect for inline 180 degree shower enclosures, and fit on the end of our Support Bars. When run at an angle toward an adjacent wall, they will fit flush due to their mitered ends, and secure the fixed panel (see diagram to right).



MODEL SBB45



MODEL SBB22



Typical Installation

NOTE: Can be used with S1, S2, and S80 Bars. (see page SD117).

45 DEGREE CAT. NO.	22-1/2 DEGREE CAT. NO.	FINISH
SBB45CH	SBB22CH	Polished Chrome
SBB45BN	SBB22BN	Brushed Nickel
SBB45PN	---	Polished Nickel
SBB45BR	---	Polished Brass
SBB450RB	---	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars and Accessories can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Through-Glass Mounted Support Bars

- **Choice of Wall/Ceiling Mount or Glass-to-Glass Mount**
- **Helps Strengthen Structural Integrity of Shower Enclosure**
- **All Mounting Hardware Included**
- **For 1/4" to 1/2" (6 to 12 mm) Thick Glass**

Through-Glass Mounted Support Bars creates a means of support that strengthens an enclosure's structural integrity. They may be used in place of a Header in certain applications (call for details), and can be mounted to a wall, ceiling or glass-to-glass. You cut them to fit your exact needs and re-attach fittings. Supplied Bar is 39" (1 m) long, requires a 5/8" (16 mm) hole in the glass, and comes in finishes to match our Hinges and Pull Handles. All mounting hardware included.



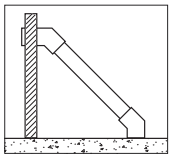
CAT. NO. SUP135
Wall Mount



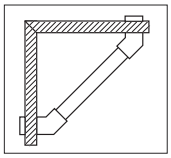
CAT. NO. SUP135G2G
Glass-to-Glass Mount



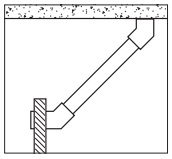




Wall Mount
Overhead View



Glass-to-Glass Mount
Overhead View



Ceiling Mount
Side View

WALL/CEILING MOUNT CAT. NO.	GLASS-TO-GLASS CAT. NO.	FINISH
SUP135CH	SUP135G2GCH	Polished Chrome
SUP135BN	SUP135G2GBN	Brushed Nickel
SUP135PN	SUP135G2GPN	Polished Nickel
SUP135BR	SUP135G2GBR	Polished Brass
SUP1350RB	SUP135G2G0RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. All Support Bars can be combined for quantity pricing.

Square Support Bars and Accessory Fittings

- **Square Tubing Matches Geometry of Many Popular CRL Hinges**
- **No Hole Drilling Required in Glass**

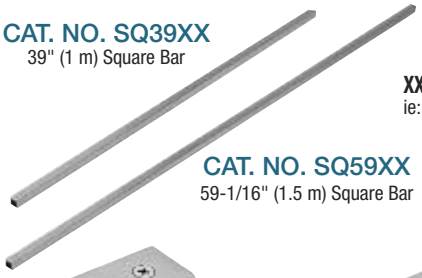
Our Square Support Bar complements many CRL square corner style hinges. The Bar stabilizes fixed panels of glass in enclosures that do not go to the ceiling. The Fittings come with nylon-tipped set screws that secure the glass. No holes or cut-outs are required in the glass.





XX = Finish Designation
ie: **SQ59CH** = Polished Chrome

CAT. NO. SQ39XX
39" (1 m) Square Bar



CAT. NO. SQ59XX
59-1/16" (1.5 m) Square Bar

SPECIFICATIONS:

Materials:
3/4" (19 mm) Square Tubing,
Solid Brass Fittings

Bar Lengths:
39" (1 m);
59-1/16" (1.5 m)

Glass Thickness Range:
1/4" to 5/16" (6 to 8 mm),
and 3/8" to 1/2" (10 to 12 mm)

MORE CHOICES
crlaurence.com

FINISHES



Chrome | Satin Chrome (Matte) | Brass | Brushed Nickel | Oil Rubbed Bronze

Most models are stocked in the finishes shown here, others are available on special order.



CAT. NO. SQ41XX
Swiveling U-Bracket for 1/4" to 5/16" (6 to 8 mm) Glass



CAT. NO. SQ42XX
Swiveling U-Bracket for 3/8" to 1/2" (10 to 12 mm) Glass



CAT. NO. SQ43XX
Movable Bracket for 1/4" to 5/16" (6 to 8 mm) Glass



CAT. NO. SQ44XX
Movable Bracket for 3/8" to 1/2" (10 to 12 mm) Glass



CAT. NO. SQ50XX
"T" Junction Bracket



CAT. NO. SQ45XX
Adjustable Corner Bracket



CAT. NO. SQ46XX
90 Degree Wall Mount Bracket



CAT. NO. SQ47XX
45 Degree Mitered Wall Mount Bracket



CAT. NO. SQ48XX
22.5 Degree Mitered Wall Mount Bracket



CAT. NO. SQ49XX
Adjustable Wall Mount Bracket

Minimum order: 1 each. All Support Bars and Accessories can be combined for quantity pricing.

CRL Thru-Glass to Wall Straight Shower Rod



- **Ideal for Use as a Shower Curtain Rod**
- **Polished and Brushed Stainless Steel**



You will find our 72" (1.83 m) long Thru-Glass to Wall Rod a handy item with many uses. A typical use is as a thru-glass curtain rod to be fastened to a return panel. The 3/4" (19 mm) diameter tubing is prepped on one end with a 3/4" (19 mm) diameter end cap. A 1/2" (12 mm) diameter hole is required in the glass. Requires additional fitting for wall attachment (either S3 or S12) Support Bar Fitting, (see pages SD117-SD118).

CAT. NO.	FINISH
TUBE3472PS	Polished Stainless
TUBE3472BS	Brushed Stainless

Minimum order: 1 each.

CRL Adjustable Curved Shower Rods

- **Adjustable 54" to 72" (1.37 to 1.83 m) Length**
- **Curved Rod Provides More Shower Space**



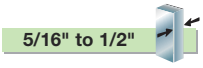
These 1" (25.4 mm) diameter Curved Adjustable Shower Rods come in a choice of durable stainless steel construction (polished and brushed), or economical zinc construction in five popular finishes. Mounting hardware is included in each box to assist with easy installation.

CAT. NO.	FINISH
ASR1CH	Polished Chrome
ASR1SC	Satin Chrome (matte)
ASR1BN	Brushed Nickel
ASR1BR	Polished Brass
ASR10RB	Oil Rubbed Bronze
ASR1PS	Polished Stainless
ASR1BS	Brushed Stainless

Minimum order: 1 each.

CRL Frameless Vertical Post Systems

- **Stock or Custom Kits Allow User to Stabilize Fixed Panels of Glass Not Going to Ceiling**
- **Excellent Alternative to Traditional Horizontal Header Systems**
- **Glass Fabrication Required for Tube Adaptors/End Caps**





MORE INFORMATION crlaurence.com

CRL offers two styles of our Frameless Vertical Post System. They are used to stabilize fixed panels of glass not reaching the ceiling, and provide an excellent alternative to customers not wanting to use the more traditional horizontal Header Systems that run across the entire width of the enclosure. An especially attractive look is when patterned glass with decorative, rippled top edges is used, since a Header System cannot be applied as a crown to the glass. Posts are pre-drilled.

Two stock systems are offered, Floor-to-Ceiling Mount System and the Two-Point Ceiling Mount System. Stock Systems are prepared for behind-the-glass installation. Custom Systems and finishes are available by simply submitting a drawing to our Frameless Shower Door Technical Department. Tube Adaptors/End Caps require 3/4" (19 mm) holes in glass. Complete mounting details and installation instructions can be viewed at **crlaurence.com/shower-rods-posts**.

Floor-to-Ceiling Mount System



Typical Floor-to-Ceiling Mount System Shown Installed Behind Decorative Glass

Stock Kit Includes:

1 Each - 92" (2.3 m) length of 2" (51 mm) diameter Round Tubing with welded Bottom Flange and two Rivet Nuts

2 Each - Tube Adaptors with 1-1/2" (38 mm) diameter End Caps (with Threaded Stud)

1 Each – Removable Top Flange with Set Screw

NOTE: Stock Kit is prepared for one degree floor slope to the inside of the shower. Shimming is required if floor is not a one degree slope to the inside of the shower, or a Custom Kit may be ordered instead.

CAT. NO.	FINISH
VPK92CH	Polished Stainless
VPK92BN	Brushed Stainless
VPK92BR	Polished Brass
VPK920RB	Oil Rubbed Bronze

Minimum order: 1 each.

Two-Point Ceiling Mount System



Typical Two-Point Ceiling Mount System Shown Installed Behind Glass.

Stock Kit Includes:

1 Each - 33" (838 mm) length of 2" (51 mm) diameter Round Tubing, two Rivet Nuts, and Flat Style End Cap

2 Each - Tube Adaptors with 1-1/2" (38 mm) diameter End Caps (with Threaded Stud)

1 Each – Removable Top Flange with Set Screw

NOTE : There are size limitations when hinging a door off a panel fastened using the VPK33. Call our Frameless Shower Department for details.

NOTE: Maximum Bar Length is 33" (838 mm)

CAT. NO.	FINISH
VPK33CH	Polished Stainless
VPK33BN	Brushed Stainless
VPK33BR	Polished Brass
VPK330RB	Oil Rubbed Bronze

Minimum order: 1 each.

CRL Water Seals and Sweeps

USE MONOLITHIC TEMPERED GLASS



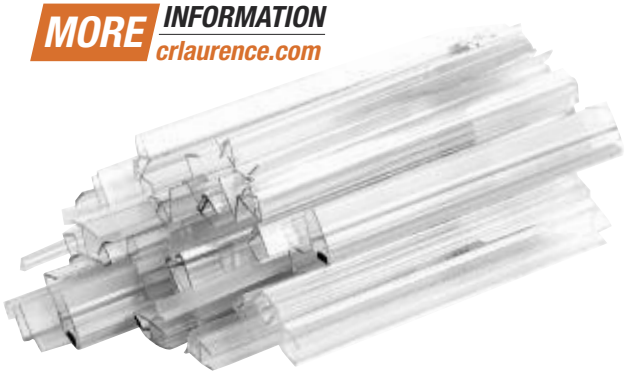
- Water Seals and Sweeps are Designed to Minimize Water Leakage From Frameless Shower Enclosures
- Profiles to Work With Most Any Shower Configuration
- Snap-On and Tape-On Varieties Offered
- Anti-Fungus and UV Protection in Many Seals
- Range of Seals for 1/4" to 1/2" (6 to 12 mm) Glass

Our offering of Water Seals and Sweeps allows the installer to put the finishing touch on a frameless shower enclosure, and assist in minimizing water leakage. Poorly designed or certain configurations of enclosures may still be subject to minimal water escape, but our Water Seals and Sweeps contribute to controlling it.

A variety of shapes are available for glass thicknesses ranging from 1/4" (6 mm) all the way up to 1/2" (12 mm). Some profiles are easily snapped-on to fit snugly on the glass, while other profiles require the use of our Clear Double-Sided Very High Bond Adhesive Tapes shown on page SD129. Many profiles offer anti-fungus and UV protectors to maximize seal life.

CRL Water Seal and Sweep Profile Set

MORE INFORMATION crlaurence.com



- 6" (152 mm) Pieces of All Seal and Sweep Profiles
- Helpful in Calculating Glass Size Deductions
- Allows Customers to Visualize Seals for Their Shower
- Great for Showrooms and Portfolios

We offer a Water Seal and Sweep Profile Set that consists of 6" (152 mm) pieces of all Wipes and Seals. Use them to show your customers how these profiles will assist in minimizing water escape from their shower. You will also find them helpful in calculating deductions for final glass measurements.

Our Water Seal and Sweep Profile Set is perfect for your showroom or portfolio so customers can evaluate the various options they will have to seal their new frameless shower enclosure.

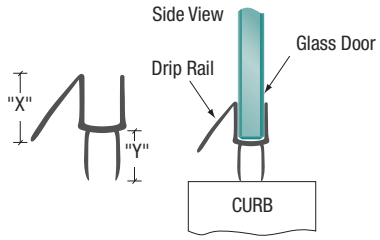
CAT. NO.	DESCRIPTION
PVPS95	Water Seal and Sweep Profile Set

Minimum order: 1 each.

CRL Co-Extruded Bottom Wipe With Drip Rail

- Our Most Popular Bottom Sweep
- 45 Degree Drip Rail Assists in Deflecting Water Back Into the Enclosure

The clear Bottom Wipe With Drip Rail snaps onto bottom of door. Soft wipes on bottom create a water resistant seal. 45 degree Drip Rail sheds the water back into the shower.



98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	"Y"	GLASS THICKNESS
P914WS	5/8" (16 mm)	3/8" (10 mm)	1/4" (6 mm)
P956WS	5/8" (16 mm)	3/8" (10 mm)	5/16" (8 mm)
P990WS	3/4" (19 mm)	3/8" (10 mm)	3/8" (10 mm)
P912WS	3/4" (19 mm)	3/8" (10 mm)	1/2" (12 mm)

Minimum order: 1 each.



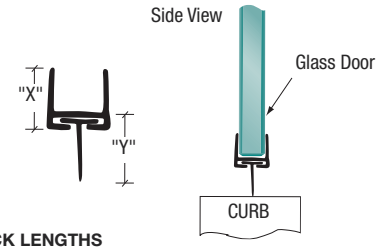
All Seals and Wipes can be combined for quantity shipping. Packing Charge added to orders of fewer than 10 combined lengths.

CRL Clear Bottom Rail With Translucent Wipe

- **Includes Insert Slot With Our SDTW 'T' Wipe Included**

This Clear Bottom Rail is snapped onto door bottom to achieve a seal. Bottom rail includes a length of our Cat. No. SDTW Translucent 'T' Wipe.

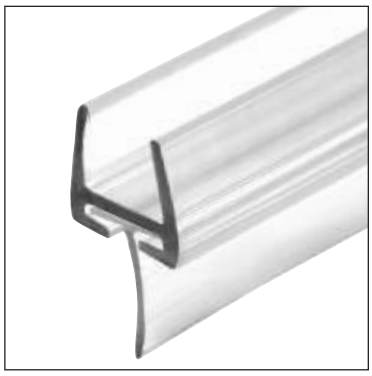




98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	"Y"	GLASS THICKNESS
P450BR	3/8" (10 mm)	7/16" (11 mm)	5/16" (8 mm)
P500BR	7/16" (11 mm)	7/16" (11 mm)	3/8" (10 mm)
P660BR	1/2" (12 mm)	7/16" (11 mm)	1/2" (12 mm)

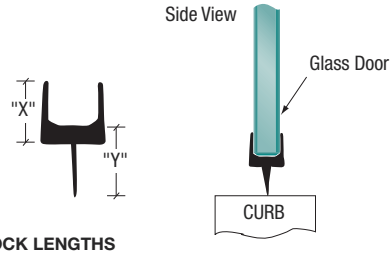
Minimum order: 1 each.



CRL One-Piece Bottom Rail With Clear Wipe

- **Single-Piece Bottom Sweep Simply Snaps On**

This ultra clear One-Piece Bottom Rail is snapped on the bottom of the door to achieve a seal. The vinyl seal that hangs down from the sweep will firmly direct the water back into the shower enclosure.



98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	"Y"	GLASS THICKNESS
P501BR	7/16" (11 mm)	7/16" (11 mm)	3/8" (10 mm)
P661BR	1/2" (12 mm)	7/16" (11 mm)	1/2" (12 mm)

Minimum order: 1 each.

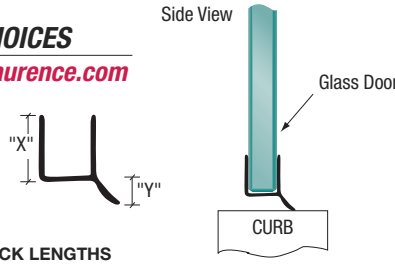


CRL Dual Durometer PVC Seal With Wipe

MORE CHOICES crlaurence.com

- **Versatile Seal Can Be Used as a Bottom Sweep, or Vertically on Bi-Fold Doors**

This clear Dual Durometer PVC Seal and Wipe has two uses: Snap it on door bottom and the soft lip acts as a wipe; snap it on an overlapping bi-fold door and the soft lip acts as a seal.



98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	"Y"	GLASS THICKNESS
P14WS	3/8" (10 mm)	1/4" (6 mm)	1/4" (6 mm)
P770WS	1/2" (12 mm)	1/4" (6 mm)	5/16" (8 mm)
P880WS	9/16" (14 mm)	1/4" (6 mm)	3/8" (10 mm)
P120WS	5/8" (16 mm)	1/4" (6 mm)	1/2" (12 mm)

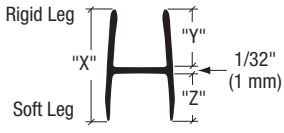
Minimum order: 1 each.

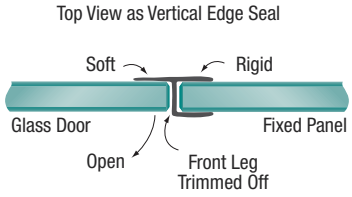


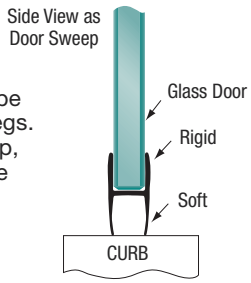
CRL Multi-Purpose 'H' Wipe

- **One of Our Most Versatile Seals**

Versatile Multi-Purpose 'H' Wipe has two rigid legs and two soft legs. It can be used as a bottom sweep, or as a seal if run vertically up the edge of the door or fixed panel. One or both soft legs can be trimmed to accommodate many installation options.



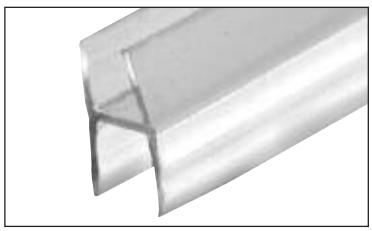




98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	"Y"	"Z"	GLASS THICKNESS
P250HW	5/8" (16 mm)	5/16" (8 mm)	1/4" (6 mm)	1/4" (6 mm)
P312HW	11/16" (17 mm)	3/8" (10 mm)	1/4" (6 mm)	5/16" (8 mm)
P375HW	11/16" (17 mm)	3/8" (10 mm)	1/4" (6 mm)	3/8" (10 mm)
P500HW	15/16" (24 mm)	1/2" (12 mm)	3/8" (10 mm)	1/2" (12 mm)

Minimum order: 1 each.

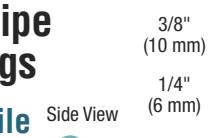


All Seals and Wipes can be combined for quantity shipping. Packing Charge added to orders of fewer than 10 combined lengths.

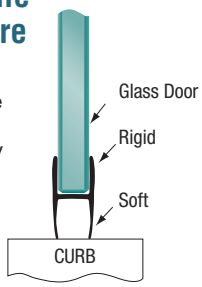
CRL Multi-Purpose 'H' Wipe With "Extra Soft" Twin Legs

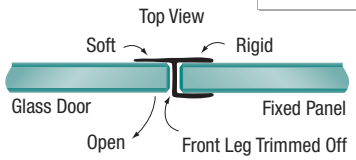
- **Very Soft Twin Legs Seal While Providing Quieter Door Closure**

Our Multi-Purpose 'H' Wipe With "Extra Soft" Twin Legs acts as a versatile seal that can be used either on the side or bottom of a door. Because of the very soft dual legs, quieter door closure can be expected, as opposed to closing into harder plastic seals. It is also easy to trim the very soft legs to accommodate your particular application.





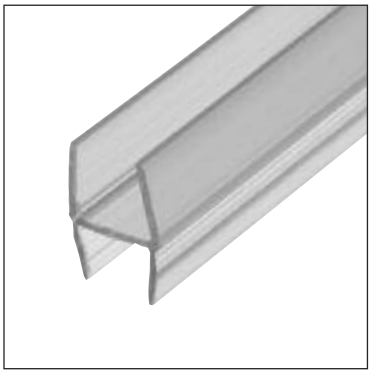




98" (2.49 M) STOCK LENGTHS

CAT. NO.	GLASS THICKNESS
P375HWS	3/8" (10 mm)

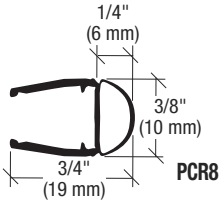
Minimum order: 1 each.

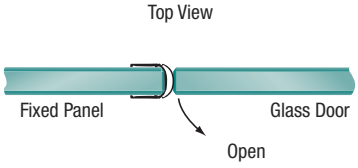


CRL Polycarbonate 'U' With Bulb Attachment

- **Can Be Used on Inswing and Outswing Doors**

This Clear Polycarbonate 'U' With Bulb Attachment is a versatile seal that can be mounted to the edge of a door or panel for a variety of installation configurations. The soft bulb portion of the Seal allows doors to swing both in and out of the enclosure if desired.

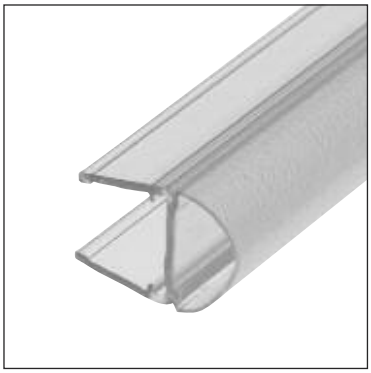




98" (2.49 M) STOCK LENGTHS

CAT. NO.	GLASS THICKNESS
PCR8	5/16" (8 mm)
PCR10	3/8" (10 mm)

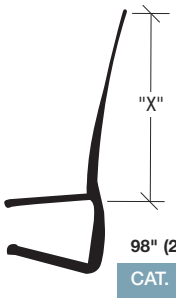
Minimum order: 1 each.

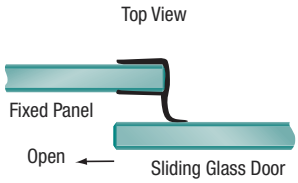


CRL Polycarbonate 'U' Seal With 90 Degree Vinyl Fin

- **Cat. Nos. PC0890 or PC1090 are Ideal for Use With the Hydroslide Sliding System**
- **Cat. No. PC1200 is for Use With the Essence Sliding System**

This Polycarbonate 'U' Seal with 90 Degree Vinyl Fin has multiple uses like: applying to the sliding door or fixed panel of a Sliding Door System; or as a 90 degree seal for a fixed panel meeting a door at 90 degrees.





98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	GLASS THICKNESS
PC0890	7/8" (22 mm)	5/16" (8 mm)
PC1090	7/8" (22 mm)	3/8" (10 mm)
PC1200	13/16" (20 mm)	1/2" (12 mm)

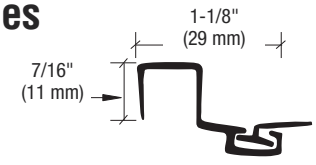
Minimum order: 1 each.

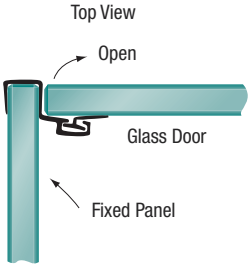


CRL 'U' Seal With Leg and Vinyl Insert at 90 Degrees

- **Vinyl Insert Included for Extra Protection**

This clear 'U' Seal is snapped onto the strike side fixed panel at a 90 degree angle from the door. Configuration and sturdiness of seal contributes to additional protection. Clear Vinyl insert V600CSGFT (see page SD125) is included with each length.





98" (2.49 M) STOCK LENGTHS

CAT. NO.	GLASS THICKNESS
P090SJ	3/8" (10 mm)

Minimum order: 1 each.

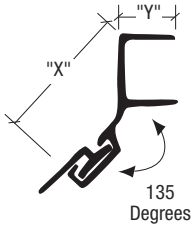


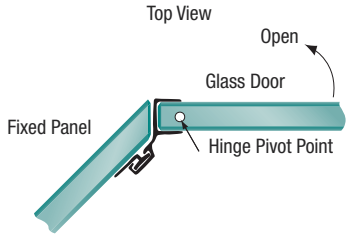
All Seals and Wipes can be combined for quantity shipping. Packing Charge added to orders of fewer than 10 combined lengths.

CRL 135 Degree Door Jamb Seal

- **Popular Neo-Angle Door Jamb**
- **Vinyl Insert Included**

This clear Seal is snapped onto the door on the hinge side to achieve a seal to the fixed panel in 135 degree neo-angle installations. Clear vinyl insert V600CSGFT (see next page) is included with each length.





USE MONOLITHIC TEMPERED GLASS



98" (2.49 M) STOCK LENGTHS

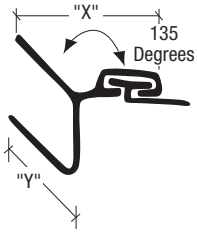
CAT. NO.	"X"	"Y"	GLASS THICKNESS
P045DJ	1" (25 mm)	3/8" (10 mm)	5/16" (8 mm)
P135DJ	1-1/4" (32 mm)	7/16" (11 mm)	3/8" (10 mm)

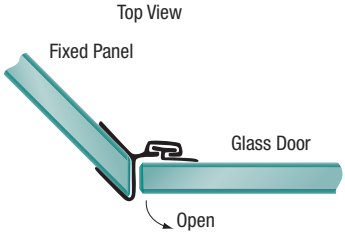
Minimum order: 1 each.

CRL 135 Degree Strike Jamb Seal

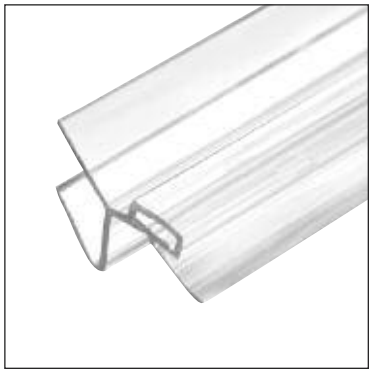
- **Popular Neo-Angle Strike Jamb for Mitered Fixed Panel**
- **Vinyl Insert Included**

This clear Seal is snapped onto the fixed mitered strike panel when using hinges in 135 degree neo-angle installations. Vinyl insert V600CSGFT (see next page) is included with each length.





MORE INFORMATION crlaurence.com



98" (2.49 M) STOCK LENGTHS

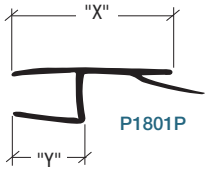
CAT. NO.	"X"	"Y"	GLASS THICKNESS
P045SJ	1" (25 mm)	5/8" (16 mm)	5/16" (8 mm)
P135SJ	1-1/4" (32 mm)	1-1/8" (29 mm)	3/8" (10 mm)

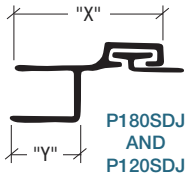
Minimum order: 1 each.

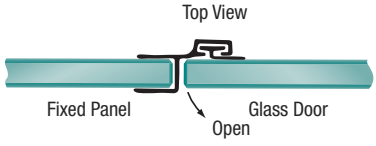
CRL Strike and Door Jamb Seals for 180 Degrees

- **Snaps Onto Glass**
- **Vinyl Insert for Added Coverage**

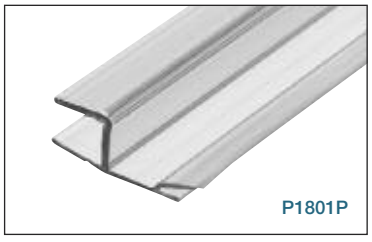
This Clear 180 Degree Polycarbonate is snapped onto the fixed panel running inline with the door. P180SDJ and P120SDJ contain vinyl insert V600CSGFT (see next page). P1801P is all one piece.











98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	"Y"	GLASS THICKNESS
P1801P	1-1/8" (29 mm)	1/2" (12 mm)	3/8" (10 mm)
P180SDJ	1-1/8" (29 mm)	1/2" (12 mm)	3/8" (10 mm)
P120SDJ	1-1/8" (29 mm)	9/16" (14 mm)	1/2" (12 mm)

Minimum order: 1 each.

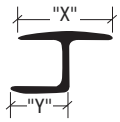
All Seals and Wipes can be combined for quantity shipping. Packing Charge added to orders of fewer than 10 combined lengths.

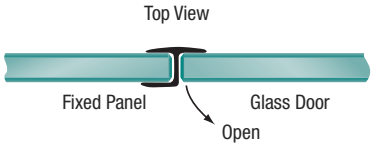
CRL 'h' Jamb Seal With Hard Leg

MORE CHOICES crlaurence.com

- **Our Most Popular 180 Degree Inline Seal**
- **Snaps Onto Fixed Panel**

This Clear 'h' Jamb is for use on 180 degree inline glass-to-glass applications. Snaps onto the fixed panel with a lip on the strike side, or onto the door with the lip on the hinge side. Leaves a clear appearance while serving as a functional seal. Entire 'h' Jamb is made of hard polycarbonate.





98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	"Y"	GLASS THICKNESS
P140HJ	11/16" (17 mm)	3/8" (10 mm)	1/4" (6 mm)
P516HJ	3/4" (19 mm)	3/8" (10 mm)	5/16" (8 mm)
P380HJ	15/16" (24 mm)	1/2" (12 mm)	3/8" (10 mm)
P120HJ	15/16" (24 mm)	1/2" (12 mm)	1/2" (12 mm)

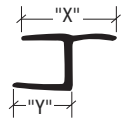
Minimum order: 1 each.

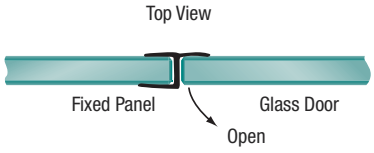


CRL 'y' Jamb Seal With Soft Leg

- **Soft Vinyl Single Leg for Quieter Door Closure**

This Seal is used on 180 degree inline glass-to-glass applications. The 'U' portion is rigid, and the single leg is soft to cushion the closing. Snaps onto fixed panel inline with the door.





98" (2.49 M) STOCK LENGTHS

CAT. NO.	"X"	"Y"	GLASS THICKNESS
PCC8	3/4" (19 mm)	7/16" (11 mm)	5/16" (8 mm)
PCC10	13/16" (21 mm)	1/2" (12 mm)	3/8" (10 mm)
PCC12	13/16" (21 mm)	1/2" (12 mm)	1/2" (12 mm)

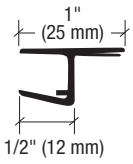
Minimum order: 1 each.

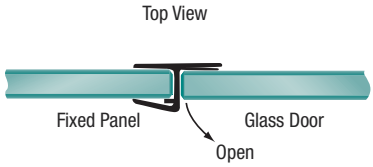


CRL 'h' Jamb Seal With Cushion Fin

- **Soft Vinyl Cushions Door Closure**

This clear 180 Degree 'h' Jamb is for use on inline glass-to-glass installations. Snaps onto the fixed panel with the lip on the strike side. Soft vinyl helps cushion door closure and reduce noise.





98" (2.49 M) STOCK LENGTHS

CAT. NO.	GLASS THICKNESS
PCK8	5/16" (8 mm)

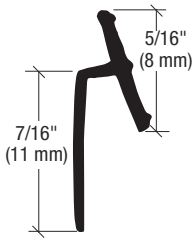
Minimum order: 1 each.



CRL Clear PVC Vinyl 'T' Seal

- **Replacement Vinyl for Shower Door Seals**

This Clear PVC Vinyl 'T' Seal is used in these door seals: P090SJ, P180SDJ, P120SDJ, P045DJ, P135DJ, P045SJ, and P135SJ. Sold in increments of 100 feet only. Minimum order is 100 feet (30.5 m).



CAT. NO.
V600CSGFT



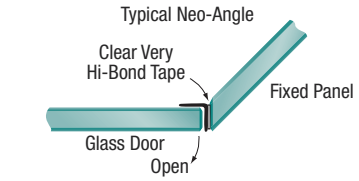


All Seals and Wipes can be combined for quantity shipping. Packing Charge added to orders of fewer than 10 combined lengths.

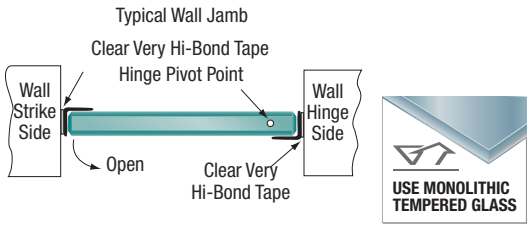
CRL Multi-Purpose Clear 'L' Angle Jamb Seal

- **Used for Both Hinge and Strike Jambs**
- **Also Used in 135 Degree Neo-Angle Applications**

This clear 'L' Angle Jamb is used for both hinge and strike jambs. It can be adhered to the wall or a fixed panel using our Clear Very Hi-Bond Tape (see page SD129). It is also commonly used as a jamb for neo-angle installations when a clean look is most desired.







98" (2.49 M) STOCK LENGTHS

CAT. NO.	GLASS THICKNESS
P12LJ	1/4" to 1/2" (6 to 12 mm)

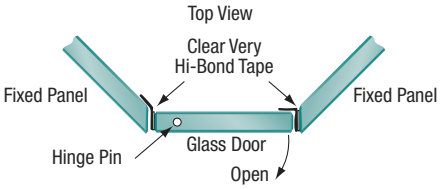
Minimum order: 1 each.



CRL Translucent Vinyl 'L' Seal

- **Now Available With or Without Pre-Applied Clear Very Hi-Bond Tape**
- **Multiple Applications**

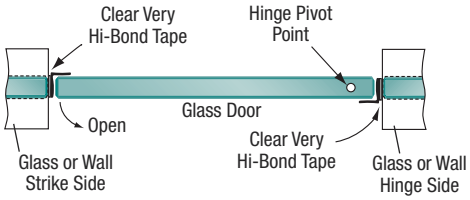
Translucent 'L' Seals are offered in two sizes and rigidity. They should be used on outswing doors only, and can be used on both hinge and strike side jambs. Cat. No. SDTNL has a slightly softer and shorter sealing leg than Cat. No. SDTL. Use Clear Very Hi-Bond Tape (see page SD129) to apply the rigid leg of the 'L' Seal to the surface. The soft leg of the 'L' will act as a seal, allowing for a quiet and forgiving door closure.

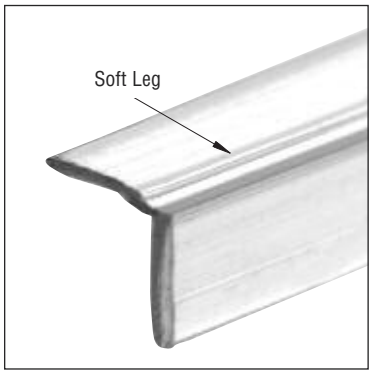




CAT. NOS. SDTNL AND SDTNLT2

CAT. NOS. SDTL AND SDTLT2





98" (2.49 M) STOCK LENGTHS

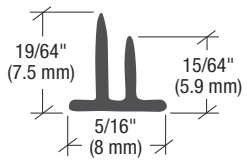
WITHOUT TAPE CAT. NO.	WITH PRE-APPLIED TAPE CAT. NO.	MAXIMUM GAP
SDTNL	SDTNLT2	5/16" (8 mm)
SDTL	SDTLT2	3/8" (10 mm)

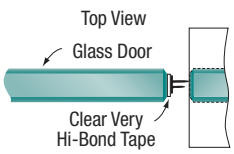
Minimum order: 5 each. Must be ordered in increments of five.

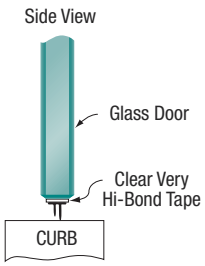
CRL Translucent Vinyl "Double Fin" Seal

- **Now Available With or Without Pre-Applied Clear Very Hi-Bond Tape**
- **Different Length Fins Allow Versatility**

Translucent "Double Fin" Seal can be used for inswing or outswing doors. The two different size fins allow the installer a choice of seal lengths. Use as is, or simply trim the fins as necessary. Adhere 5/16" (8 mm) rigid base to glass edge or wall using our Clear Very Hi-Bond Tape (see page SD129).



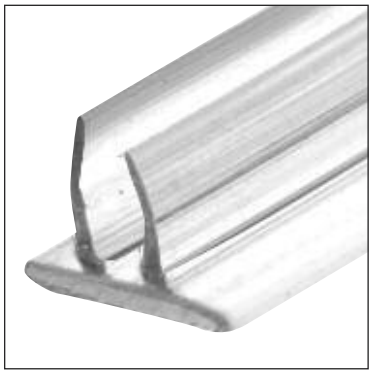




98" (2.49 M) STOCK LENGTHS

WITHOUT TAPE CAT. NO.	WITH PRE-APPLIED TAPE CAT. NO.	MAXIMUM GAP
SDTDF	SDTDFT2	5/16" (8 mm)

Minimum order: 5 each. Must be ordered in increments of five.



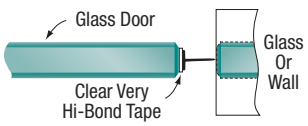
All Seals and Wipes can be combined for quantity shipping. Packing Charge added to orders of fewer than 10 combined lengths.

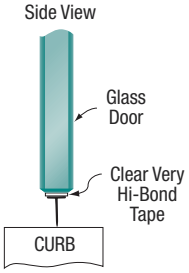
CRL Translucent Vinyl Edge 'T' Wipe

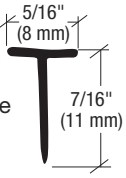
- **Now Available With or Without Pre-Applied Clear Very Hi-Bond Tape**

Translucent 'T' shaped Edge Wipe can be used on inswing or outswing doors. Fin closes gaps up to 7/16" (11 mm), and can be trimmed for smaller gaps. Adhere 5/16" (8 mm) rigid base to glass edge or wall using our Clear Very Hi-Bond Tape (see page SD129).





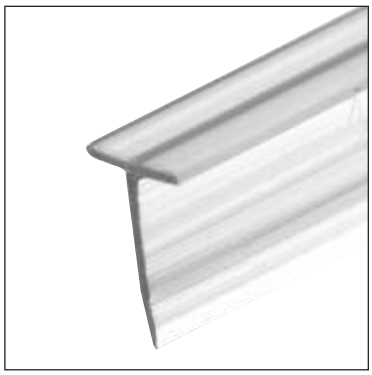




98" (2.49 M) STOCK LENGTHS

WITHOUT TAPE CAT. NO.	WITH PRE-APPLIED TAPE CAT. NO.	MAXIMUM GAP
SDTW	SDTWT2	7/16" (11 mm)

Minimum order: 5 each. Must be ordered in increments of five.

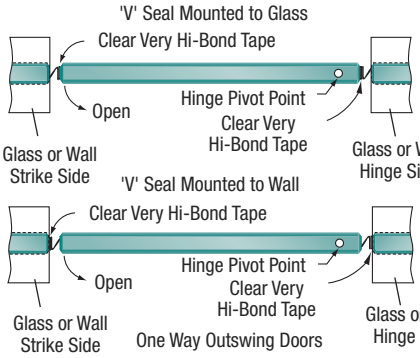


CRL Translucent Vinyl Edge 'V' Seal

- **Seals Gaps From 3/16" (5 mm) to 1/4" (6 mm)**
- **Now Available With or Without Pre-Applied Clear Very Hi-Bond Tape**

Translucent 'V' Seals are used only on doors swinging one way to seal gaps from 3/16" (5 mm) to 1/4" (6 mm). Adhere 5/16" (8 mm) rigid legto the glass edge or wall using our Clear Very Hi-Bond Tape (see page SD129). Door closes into soft vinyl leg.



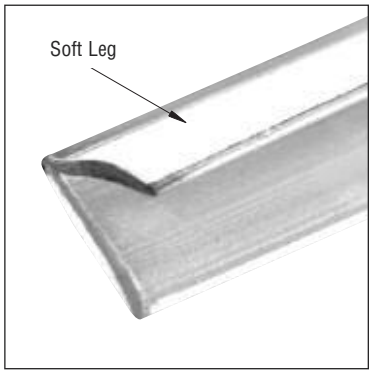


98" (2.49 M) STOCK LENGTHS

WITHOUT TAPE CAT. NO.	WITH PRE-APPLIED TAPE CAT. NO.	MAXIMUM GAP
SDTS	SDTST2	1/4" (6 mm)

Minimum order: 5 each. Must be ordered in increments of five.

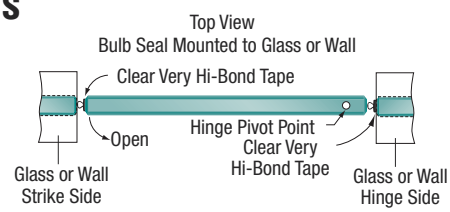
MORE INFORMATION crlaurence.com



CRL Translucent Vinyl Bulb Seals

- **Bulb Compresses When Door Closes**
- **Now Available With or Without Pre-Applied Clear Very Hi-Bond Tape**

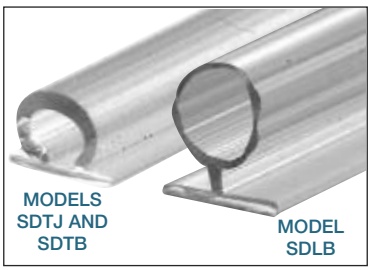
Translucent Vinyl Bulb Seal can be used on inswing or outswing doors. Cat. No. SDLB closes gaps from 3/16" (5 mm) to 3/8" (10 mm). Cat. No. SDTB closes gaps from 5/32" (4 mm) to 7/32" (5.6 mm). Cat. No. SDTJ closes gaps from 1/8" (3 mm) to 5/32" (4 mm). Adhere rigid flat base to glass edge or wall using our Clear Very Hi-Bond Tape (see page SD129).

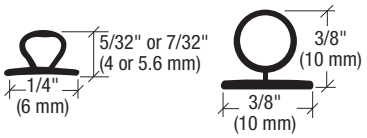


98" (2.49 M) STOCK LENGTHS

WITHOUT TAPE CAT. NO.	WITH PRE-APPLIED TAPE CAT. NO.	MAXIMUM GAP
SDTJ	SDTJT2	5/32" (4 mm)
SDTB	SDTBT2	7/32" (5.6 mm)
SDLB	---	3/8" (10 mm)

Minimum order: 5 each. Must be ordered in increments of five.



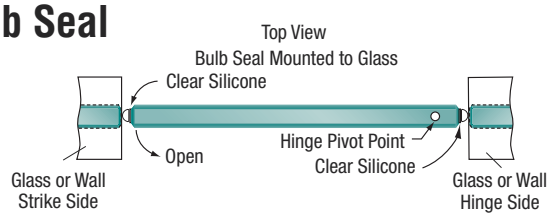


CRL Translucent Silicone Bulb Seal

- **Can Be Used on Inswing and Outswing Doors**
- **Adheres With Silicone, Not Tape**

Translucent Silicone Bulb Seal can be used on inswing or outswing doors to close gaps from 1/16" (1.6 mm) to 3/16" (5 mm). **NOTE:** Adhere flat base to glass edge or wall using clear silicone only, not tape.





98" (2.49 M) STOCK LENGTHS

CAT. NO.	MAXIMUM GAP
S1LB	3/16" (5 mm)

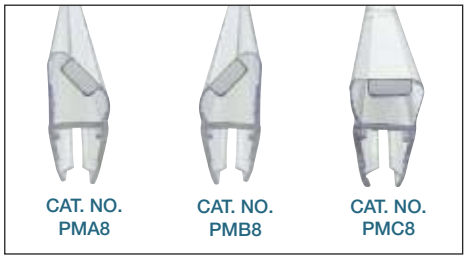
Minimum order: 5 each. Must be ordered in increments of five.



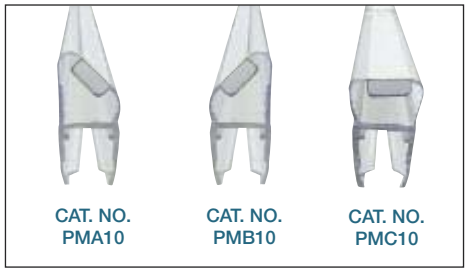
All Seals and Wipes can be combined for quantity shipping. Packing Charge added to orders of fewer than 10 combined lengths.

CRL Magnetic Profiles for 1/4" to 1/2" (6 to 12 mm) Glass

- Made of Co-Extruded Plastic With Soft Magnetic Receiver
- Provide Positive Door Closure
- Mix and Match Configurations to Achieve Desired Result



CAT. NO. PMA8 | CAT. NO. PMB8 | CAT. NO. PMC8



CAT. NO. PMA10 | CAT. NO. PMB10 | CAT. NO. PMC10



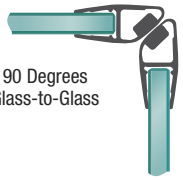
Top Views



180 Degrees Glass-to-Glass



135 Degrees Glass-to-Glass



90 Degrees Glass-to-Glass



MORE INFORMATION crlaurence.com

98" (2.49 M) STOCK LENGTHS

CAT. NO.	GLASS THICKNESS
PMA8	1/4" to 5/16" (6 to 8 mm)
PMB8	1/4" to 5/16" (6 to 8 mm)
PMC8	1/4" to 5/16" (6 to 8 mm)
PMA10	3/8" to 1/2" (10 to 12 mm)
PMB10	3/8" to 1/2" (10 to 12 mm)
PMC10	3/8" to 1/2" (10 to 12 mm)

Minimum order: 1 each.

FOR 1/4" TO 5/16" (6 TO 8 MM) THICK GLASS

ANGLE	PROFILES REQUIRED	CONFIGURATION
180 Degrees	PMA8 + PMA8	Door swings in one direction only
180 Degrees	PMC8 + PMC8	Door swings in both directions
135 Degrees	PMA8 + PMC8	Door swings out only
90 Degrees	PMA8 + PMB8	Reverse for polarity-door swings out only

FOR 3/8" TO 1/2" (10 TO 12 MM) THICK GLASS

ANGLE	PROFILES REQUIRED	CONFIGURATION
180 Degrees	PMA10 + PMA10	Door swings in one direction only
180 Degrees	PMC10 + PMC10	Door swings in both directions
135 Degrees	PMA10 + PMC10	Door swings out only
90 Degrees	PMA10 + PMB10	Reverse for polarity-door swings out only

All Seals and Wipes can be combined for quantity shipping. Packing Charge added to orders of fewer than 10 combined lengths.







TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Very Hi-Bond Double-Sided Acrylic Adhesive Tape

- Specialty Tapes for the Fabrication of Shower Enclosures
- Excellent for Use With Seals and Wipes
- Instant Pressure Sensitive Bonding, With Full Strength in 72 Hours
- Transparent Water Clear or Translucent Color Choice



Full Size Roll



Mini Roll

MORE CHOICES crlaurence.com

CRL Transparent Very Hi-Bond Double-Sided Acrylic Tape is used in adhesive applications involving glass or other clear materials, making it ideal for adhering Edge Wipes and Seals used in frameless shower installations.

CRL Translucent Very Hi-Bond Double-Sided Acrylic Tape is designed for a variety of applications, including skin-to-frame assemblies, furniture, appliances, and whenever a waterproof bond in a wide range of temperature conditions exist.

TRANSPARENT TAPE

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH
AT04014	1/4" (6 mm)	.040" (1 mm)	108' (33 m)
AT0401436	1/4" (6 mm)	.040" (1 mm)	36' (11 m)
AT04012	1/2" (12 mm)	.040" (1 mm)	108' (33 m)
AT0401236	1/2" (12 mm)	.040" (1 mm)	36' (11 m)
AT02014	1/4" (6 mm)	.020" (.5 mm)	216' (66 m)
AT0201436	1/4" (6 mm)	.020" (.5 mm)	36' (11 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

TRANSLUCENT TAPE

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH
AT04512	1/2" (12 mm)	.045" (1.1 mm)	108' (33 m)
AT04534	3/4" (19 mm)	.045" (1.1 mm)	108' (33 m)
AT0451	1" (25 mm)	.045" (1.1 mm)	108' (33 m)
AT0452	2" (51 mm)	.045" (1.1 mm)	108' (33 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

CRL Transparent and Translucent Adhesive Tapes

- Instantly Adheres Wipes and Seals Evenly and Securely
- 3M® VHB® Tape Attains Full Strength Within 72 Hours



Transparent 3M® VHB® Double-Sided Tape (Used to Adhere to Wipes and Seals)



Transparent 3M® Single-Sided Tape (Protects Against Glass-to-Glass Chipping)



CRL Translucent Double-Sided Tape (Used to Adhere Wipes and Seals)

CAT. NO.	DESCRIPTION	WIDTH	THICKNESS	ROLL LENGTH
491014	Transparent Double-Sided	1/4" (6 mm)	.040" (1 mm)	108' (33 m)
491012	Transparent Double-Sided	1/2" (12 mm)	.040" (1 mm)	108' (33 m)
491034	Transparent Double-Sided	3/4" (19 mm)	.040" (1 mm)	45' (14 m)
490514	Transparent Double-Sided	1/4" (6 mm)	.020" (.5 mm)	216' (66 m)
867238	Transparent Single-Sided	3/8" (10 mm)	.006" (.15 mm)	108' (33 m)
SDT51660	Translucent Double-Sided	5/16" (8 mm)	.005" (.13 mm)	180' (55 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

Transparent 3M® VHB® Double-Sided Adhesive Tape

Clear 3M® VHB® (Very High Bond) Tape is a double-sided adhesive ideal for adhering Edge Wipes and Seals. Available in 1/4" or 1/2" (6 or 12 mm) widths, this tape features instant bonding, with full strength attained within 72 hours.

Transparent 3M® Single-Sided Adhesive Tape

Many installations may require a buffer to protect glass-to-glass contact when a double opposed miter on the strike side is required. This transparent 6 mil thick Tape adheres to the miter, and acts as a cushion to protect against chipping.

Translucent CRL Double-Sided Adhesive Tape

This Tape provides a translucent appearance, and is an excellent choice to adhere Edge Wipes and Seals.

CRL Blue Joint Framing Tape

- Ideal for Framing Tooled Silicone Joints
- Available in Four Widths



This Blue Joint Framing Tape is a crepe paper tape with built-in UV resistance. Excellent for use as a masking tape around tooled silicone joints in frameless shower door applications.

CAT. NO.	WIDTH	ROLL LENGTH
BL9934	3/4" (19 mm)	180' (55 m)
BL991	1" (25 mm)	180' (55 m)
BL99112	1-1/2" (38 mm)	180' (55 m)
BL992	2" (51 mm)	180' (55 m)

Minimum order: 1 roll. Sizes can be combined for quantity pricing.

3M and VHB are registered trademarks of 3M Company Corp.

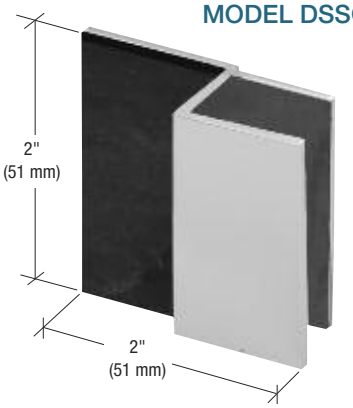
CRL Square Style Frameless Shower Door Stop

- Designed to Match Such Popular Hinge Series as Geneva, Concord, Vienna, and Cardiff Hinges
- For 1/4" to 3/8" (6 to 10 mm) Glass
- No Glass Fabrication Required

Our CRL Door Stop is for mounting on an inline 180 degree fixed panel to prevent the door from going into the shower enclosure. The door closes into a soft rubber portion of the Door Stop. Stock finishes are offered to match most popular décors. The Door Stop fits glass thicknesses ranging from 1/4" to 3/8" (6 to 10 mm). Door Stop is secured to glass with nylon tipped screw.

MORE FINISHES crlaurence.com

MODEL DSSQ1







SPECIFICATIONS:

Material: Solid Brass, Rubber

Glass Thickness Range: 1/4" to 3/8" (6 to 10 mm)

No Glass Fabrication Required

CAT. NO.	FINISH
DSSQ1CH	Polished Chrome
DSSQ1BN	Brushed Nickel
DSSQ1PN	Polished Nickel
DSSQ1BR	Polished Brass
DSSQ10RB	Oil Rubbed Bronze

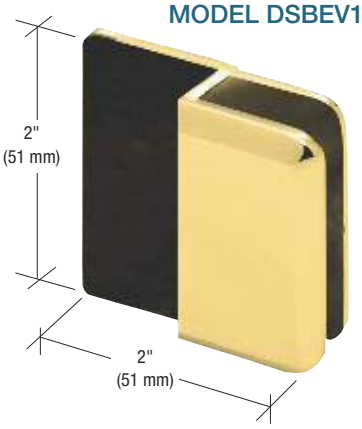
Minimum order: 1 each. All Frameless Shower Door Stops can be combined for quantity pricing.

CRL Beveled Style Frameless Shower Door Stop

- Designed to Match Such Popular Hinge Series as Pinnacle,Prima, Senior Prima, Cologne, and Estate Hinges
- For 1/4" to 3/8" (6 to 10 mm) Glass
- No Glass Fabrication Required

Our CRL Door Stop is for mounting on an inline 180 degree fixed panel to prevent the door from going into the shower enclosure. The door closes into a soft rubber portion of the Door Stop. Stock finishes are offered to match most popular décors. The Door Stop fits glass thicknesses ranging from 1/4" to 3/8" (6 to 10 mm). Door Stop is secured to glass with nylon tipped screw.

MODEL DSBEV1







SPECIFICATIONS:

Material: Solid Brass, Rubber

Glass Thickness Range: 1/4" to 3/8" (6 to 10 mm)

No Glass Fabrication Required

CAT. NO.	FINISH
DSBEV1CH	Polished Chrome
DSBEV1BN	Brushed Nickel
DSBEV1PN	Polished Nickel
DSBEV1BR	Polished Brass
DSBEV10RB	Oil Rubbed Bronze

Minimum order: 1 each. All Frameless Shower Door Stops can be combined for quantity pricing.

CRL Slide Latch for Restroom Partitions

- Popular Chrome Finish to Match Most Decors
- Durable and Easy to Install



CAT. NO. TP502

See our popular "All Glass" Restroom Partition system on page SD064. This system incorporates our beautiful Vienna or Cologne Series Hinges for a system perfect for restaurants, casinos, or other upscale venues. Or, go to crlaurence.com/restroom-partition to view many hardware items perfect for commercial restroom installation.

The CRL Slide Latch for Restroom Partitions is constructed of chrome plated, die cast zinc. This product is designed to be durable and to provide years of service. Minimum order is one each.

CRL Bumper Inswing Strike for Restroom Partitions

- Specifically Designed for Installation on Rounded Steel Pilaster Moldings
- Accommodates Concealed Latch With Round Bar
- Made of Chrome Plated Die Cast Zinc

See our popular "All Glass" Restroom Partition System on page SD064. This system incorporates our beautiful Vienna or Cologne Series Hinges for a system perfect for restaurants, casinos, or other upscale venues. Or, go to crlaurence.com/restroom-partition to view many hardware items perfect for commercial restroom installation.

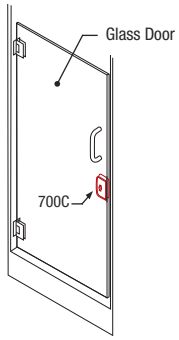


CAT. NO. TP753

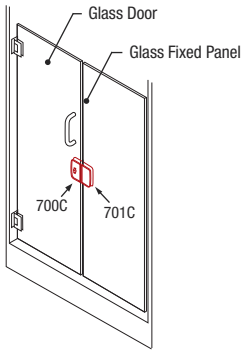
This CRL Bumper Inswing Strike for Rounded Moldings on Restroom Partitions is fabricated from chrome plated, die cast zinc. Designed to provide years of reliable service, this bracket is durable and easy to install. Specifically designed for installations on rounded steel pilaster moldings. It accommodates a concealed latch with round bar. Minimum order is one each.

CRL Swinging Glass Door Lock With Indicator

- **Suitable for Swinging Glass Doors From 5/16" to 1/2" (8 to 12 mm) Thick**
- **Lock Can Be Used Glass-to-Wall or Glass-to-Glass, With Optional Matching Keeper**
- **Indicator Displays Red if Lock is Activated; Blue if Lock is Open**



Lock on Single Door
Glass-to-Wall



Lock and Keeper Used on
180 Degree Glass-to-Glass Door



Wall Strike
(included with each Lock)



USE MONOLITHIC TEMPERED GLASS

MORE *FINISHES* crlaurence.com



MODEL 700C
Lock

MODEL 701C
Keeper

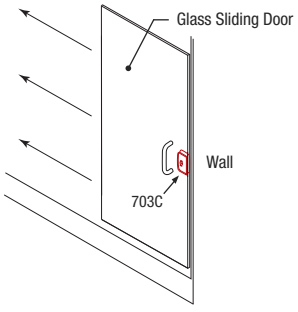
Our Swinging Glass Door Lock with Indicator is an attractive and practical way to add security and privacy wherever 5/16" to 1/2" (8 to 12 mm) frameless glass doors are used in glass-to-wall or 180 degree glass-to-glass installations. A turn of the thumbturn on the interior side of the Lock changes the color of the exterior indicator. Emergency access is made possible by a low profile screw on the exterior face. The Lock comes with a wall mounted strike plate, screws, and anchors. Both Lock and Keeper come with gaskets and hex wrench.
NOTE: Glass must be notched for installation of Lock and Keeper.

LOCK CAT. NO.	KEEPER CAT. NO.	FINISH
700CCH	701CCH	Polished Chrome
700CBN	701CBN	Brushed Nickel
700CBR	701CBR	Polished Brass
700C0RB	701C0RB	Oil Rubbed Bronze

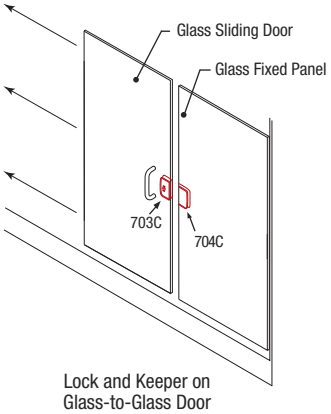
Minimum order: 1 each. Locks and Keepers can be combined for quantity pricing.

CRL Sliding Glass Door Lock With Indicator

- **Suitable for Sliding Glass Doors From 5/16" to 1/2" (8 to 12 mm) Thick**
- **Lock Can Be Used Glass-to-Wall, or Glass-to-Glass Inline Panel or Door**
- **Indicator Displays Red if Lock is Activated; Blue if Lock is Open**



Lock on Single
Glass-to-Wall Door



Lock and Keeper on
Glass-to-Glass Door



Wall Strike
(included with each Lock)



USE MONOLITHIC TEMPERED GLASS

MORE *INFORMATION* crlaurence.com



MODEL 703C
Lock

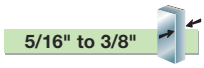
MODEL 704C
Keeper

Our Sliding Glass Door Lock with Indicator will add security wherever frameless 5/16" to 1/2" (8 to 12 mm) sliding glass doors are installed. This Lock can accommodate glass-to-wall or glass-to-glass inline installations. A turn of the thumbturn on the interior side of the Lock changes the color of the exterior indicator. Emergency access is made possible by a low profile screw on the exterior face. The Lock comes with a wall mounted strike plate, screws, and anchors. Both Lock and Keeper come with gaskets and hex wrench.
NOTE: Glass must be notched for installation of Lock and Keeper.

LOCK CAT. NO.	KEEPER CAT. NO.	FINISH
703CCH	704CCH	Polished Chrome
703CBN	704CBN	Brushed Nickel
703CBR	704CBR	Polished Brass
703C0RB	704C0RB	Oil Rubbed Bronze

Minimum order: 1 each. Locks and Keepers can be combined for quantity pricing.

CRL Deluxe Serenity Series Sliding Shower Door System





- **Unique 180 Degree System With Rollers Above and Below the Header Bar**
- **System Features One Sliding Door and One Fixed Panel**
- **Fixed and Sliding Glass Panels are Reversible for Installation**
- **Use of Minimal Hardware Gives Door an Almost Floating Appearance**
- **For 5/16" to 3/8" (8 to 10 mm) Thick Tempered Glass (Not Included)**
- **Specially Designed Roller Bearings Allow Quiet Door Movement**
- **Accessory Kit Available for 90 Degree Return Panels**
- **Choice of Durable Polished or Brushed Stainless Steel Finishes**



glass magazine award winner

Our Deluxe Serenity Series Sliding Door System has an entirely different look from traditional sliding shower door systems. The use of minimal hardware provides a frameless look that gives the enclosure an almost floating appearance. Specially designed roller bearings allow for quiet, easy opening and closing of the door. This unique roller system operates above and below the header bar that spans the top of the enclosure. One sliding and one fixed panel make the 180 Degree Standard Kit beautiful and practical. The Kit includes all items pictured at bottom right of the page, with the exception of the 90 Degree Accessory Kit, which is purchased separately (see bottom left of page). The durable polished or brushed stainless steel units will work with 5/16" or 3/8" (8 or 10 mm) thick tempered glass (not included).

SPECIFICATIONS:

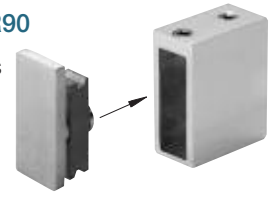
PHOTO GALLERY crlaurence.com

Glass Thickness Range:
5/16" to 3/8" (8 mm to 10 mm)
Tempered Safety Glass (not included)
Material: Stainless Steel
Maximum Door Size: Do Not Exceed
Either 30" (762 mm) Wide or 88 Pounds (40 kg)
Fabrication: Holes Required in Both Door and Fixed Panel
(see **crlaurence.com/shower-sliders** for details)

STANDARD 180 DEGREE KIT INCLUDES:
One - 78-3/4" (2 m) Length Header Bar
Four - Rollers
One - Stopper
Two - Track Holder Fittings for Wall
Two - Track Holder Fittings for Fixed Panel
One - Thru-Glass Pull
One - Door Guide
One - 85" (2.16 m) Clear L-Jamb


78-3/4" (2 m) Header Bar. Low Profile 1-1/8" (29 mm) Height

CAT. NO. SER90
Accessory Kit for 90 Degree Return is used in conjunction with Track Holder Fitting for Wall (sold separately, at right)



CAT. NO. SERAHW2
Track Holder Fitting for Wall is used in conjunction with 90 Degree Accessory Kit (sold separately, at left)

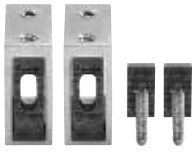
BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	DESCRIPTION
SER78BS	SER78PS	Standard 180 Degree Kit
SER90BS	SER90PS	90 Degree Accessory Kit
SERH2BS	SERH2PS	78-3/4" (2 m) Replacement Header Bar Only
SERNR1BS	SERNR1PS	Replacement Roller (1/Pack)
SERNS1BS	SERNS1PS	Replacement Stopper (1/Pack)
SERAHW2BS	SERAHW2PS	Track Holder Fittings for Wall (2/Pack)
SERFP2BS	SERFP2PS	Track Holder Fittings for Fixed Panel (2/Pack)
SERNG2BS	SERNG2PS	Replacement Door Guide (1/Pack)
SERNHP2BS	SERNHP2PS	Thru-Glass Pull
DK98L	DK98L	98" (2.49 m) Replacement Clear Plastic L-Seal

Minimum order: 1 each. Can be combined with other Sliding Shower Door Kits for quantity pricing.


Rollers


Stopper


Thru-Glass Pull


Track Holder Fittings for Wall


L-Seal Clear Jamb

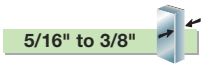

Track Holder Fittings for Fixed Panel


Door Guide

CRL Deluxe Serenity Series Double Door System

- Create an Attractive 90 Degree Double Door Corner System More Easily Than Ever Before
- Simply Combine Two Deluxe Serenity 180 Degree Kits and One 90 Degree Double Door Connector Bracket (Shown Below)
- V-Corner Design is Ideal for Smaller Bathrooms
- Choice of Durable Polished or Brushed Stainless Steel Finishes

Creating a unique and attractive V-Corner shower enclosure is now easier than ever. Simply join two 180 Degree Serenity Series Sliding Systems (see opposite page), along with one 90 Degree Double Door Connector Bracket (see right). Combining the two sliding doors in a V-corner allows you to build a beautiful double door sliding enclosure ideal for smaller bathroom areas. A choice of beautiful and durable polished or brushed stainless steel finishes help to match most any modern bathroom décor. No glass fabrication is required for the Connector Bracket itself. Minimum order is one each.



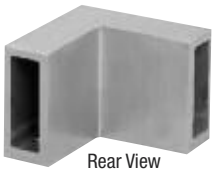


MORE INFORMATION
crlaurence.com



NOTE: Each Sliding Door Cannot Exceed 17" (432 mm) in Width or 51 Pounds (23 kg)


Front View

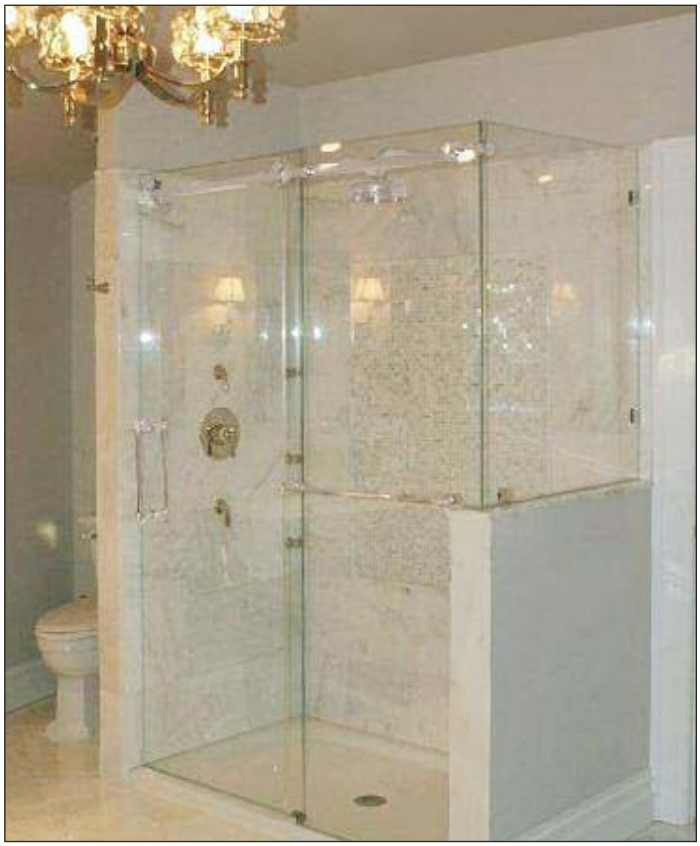

Rear View

90 Degree Door Connector Bracket

CAT. NO. SERC2PS
Polished Stainless

CAT. NO. SERC2BS
Brushed Stainless





CRL Hydroslide Sliding Shower Door System





- **Quick and Easy Installation for Full Standing Showers or Above Bathtubs**
- **Clean, Sleek Lines for the 'All-Glass' Look**
- **Excellent Design for Compact Areas**

MORE INFORMATION
crlaurence.com



180 Degree Wall-to-Wall Installation
Uses Our 180 Degree Standard Kit

Hydroslide Sliding Shower Door Kits were designed for full standing showers or above bathtubs. The Hydroslide System can accommodate a wide range of shower designs with fixed glass panels on either end, or both sides at 90 or 180 degrees. The Hydroslide System also accommodates the option of floor-to-near-ceiling glass panels with a sliding door. Hydroslide Sliding Shower Door Kits feature the latest European 'all-glass' look. Kits are available in either 60" (1.52 m) or 84" (2.13 m) widths. Installers can cut the width to size, and height is optional as long as the sliding door glass weighs less than 88 pounds (40 kg).

The 180 Degree Wall-to-Wall Installation only requires the 180 Degree Standard Kit for the installation. The 90 Degree Wall-to-Glass Installation requires the 180 Degree Standard Kit, plus the 90 Degree Wall-to-Glass Accessory Kit. Individual or replacement parts can also be ordered from the next two pages. Hydroslide Kits come in four finishes: Chrome Fittings with a Brite Anodized Sliding Track, Polished Brass with a Brite Gold Anodized Sliding Track, Brushed Nickel with Brushed Nickel Anodized Sliding Track, and Oil Rubbed Bronze with Oil Rubbed Bronze Anodized Sliding Track. Each Kit comes with complete fabrication and installation instructions.

NOTE: Bottom Fixed Glass Attachments, Handles or Knobs must be ordered separately.

180 DEGREE STANDARD KITS CONSIST OF:

One - Sliding Glass Door Upper Track
Two - Hangers for Sliding Glass Door
Two - Sliding Glass Door Rollers
Two - Sliding Glass Door Roller Stops
One - Sliding Glass Door Floor Guide (HYD03)
Two - 90 Degree Wall-to-Upper Track Connectors
Two - 180 Degree Glass-to-Sliding Track Connectors
One - 36" (.91 m) Half-Round SDT980 Threshold
One - 98" (2.49 m) DK98L L-Seal for Wall

***90 DEGREE WALL-TO-GLASS ACCESSORY KITS CONSIST OF:**

One - 90 Degree Glass-to-Sliding Track Connector
One - 90 Degree Wall-to-Glass Bracket

*90 Degree Units require that you order one 180 Degree Standard Kit plus one 90 Degree Accessory Kit

PHOTO GALLERY
crlaurence.com



90 Degree Wall-to-Glass Installation
Uses Our 180 Degree Standard Kit
Plus a 90 Degree Wall-to-Glass Accessory Kit

HYDROSLIDE SLIDING SHOWER DOOR KITS

60" (1.52 M) 180 DEGREE STANDARD KIT CAT. NO.	84" (2.13 M) 180 DEGREE STANDARD KIT CAT. NO.	90 DEGREE WALL-TO-GLASS ACCESSORY KIT CAT. NO.	FINISH
HYDK60CH	HYDK84CH	HYDA9CH	Brite Anodized/Chrome
HYDK60BR	HYDK84BR	HYDA9BR	Brite Gold Anodized/Brass
HYDK60BN	HYDK84BN	HYDA9BN	Brushed Nickel
HYDK600RB	HYDK840RB	HYDA90RB	Oil Rubbed Bronze

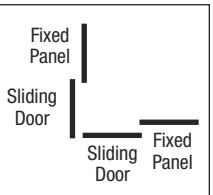
Minimum order: 1 each. Can be combined with other Sliding Shower Door Kits for quantity pricing.

SPECIFICATIONS:

Glass Thickness Range: 5/16" to 3/8" (8 mm to 10 mm) Tempered Safety Glass (Not Included)
Material: Plated or Lacquered Solid Brass Fittings; Anodized Aluminum Sliding Door Track
Maximum Door Size: 88 lbs (40 kg)
Fabrication: Holes Required in Fixed Panel and Door
Includes: Gaskets, Screws, and Glass Fabrication Information.
Complete installation instructions along with glass and metal cutting formula available at crlaurence.com/shower-sliders.

90 DEGREE CORNER STALLS

Ask our Shower Door Technical Sales Department about a special Installation using two Hydroslide Kits, along with our HYDH90 90 Degree Bracket (see opposite page) to allow two doors to meet at a 90 Degree Corner.



CRL Hydroslide System Components

Sliding Shower Door Upper Track

Hydroslide component parts can be ordered as replacement parts, or you can order the individual parts to fabricate your own custom installation.

• Easily Cut to Length

The extruded aluminum Sliding Shower Door Upper Track is available in two lengths and four finishes. You can easily cut to length for your installation. Longer lengths are available on special order.

MORE INFORMATION crlaurence.com



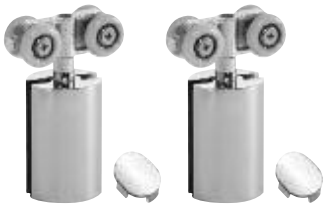
1-11/16" (43 mm) Height

BRITE ANODIZED CAT. NO.	BRITE GOLD ANODIZED CAT. NO.	BRUSHED NICKEL ANODIZED CAT. NO.	OIL RUBBED BRONZE CAT. NO.	LENGTH
HYD60BA	HYD60BGA	HYD60BN	HYD600RB	60" (1.52 m)
HYD84BA	HYD84BGA	HYD84BN	HYD840RB	84" (2.13 m)

Minimum order: 1 each.

Sliding Door Hanger Kit

Kit consists of two Rollers, two Glass Hangers, and two Snap-In Screw Covers.



CAT. NO.	FINISH
HYD01CH	Polished Chrome
HYD01BR	Polished Brass
HYD01BN	Brushed Nickel
HYD010RB	Oil Rubbed Bronze

Minimum order: 1 pack.

Snap-In Screw Cover Kit

Kit consists of two Snap-In Screw Covers for use with hangers or brackets.



CAT. NO.	FINISH
HYD04CH	Polished Chrome
HYD04BR	Polished Brass
HYD04BN	Brushed Nickel
HYD040RB	Oil Rubbed Bronze

Minimum order: 1 each.

180 Degree Glass-to-Sliding Track Connector

For attaching the fixed glass to the Sliding Shower Door Upper Track in 180 degree installations.



CAT. NO.	FINISH
HYDG180CH	Polished Chrome
HYDG180BR	Polished Brass
HYDG180BN	Brushed Nickel
HYDG1800RB	Oil Rubbed Bronze

Minimum order: 1 each.

90 Degree Glass-to-Sliding Track Connector

For attaching the fixed glass to the Sliding Shower Door Upper Track in 90 degree installations.



CAT. NO.	FINISH
HYDG90CH	Polished Chrome
HYDG90BR	Polished Brass
HYDG90BN	Brushed Nickel
HYDG900RB	Oil Rubbed Bronze

Minimum order: 1 each.

90 Degree Wall-to-Glass Bracket

For securing a glass panel at 90 degrees to the wall. Includes two Screws and Snap-In Screw Covers.



CAT. NO.	FINISH
HYD05CH	Polished Chrome
HYD05BR	Polished Brass
HYD05BN	Brushed Nickel
HYD050RB	Oil Rubbed Bronze

Minimum order: 1 each.

Roller Stop Kit

Kit consists of two Roller Stops and Screws.



CAT. NO.	COLOR
HYD02	Black

Minimum order: 1 each.

90 Degree Wall-to-Upper Track Connector

For attaching the Sliding Shower Door Upper Track to a wall at 90 degrees.



CAT. NO.	FINISH
HYDW90	Mill

Minimum order: 1 each.

90 Degree Hydroslide Header Bracket

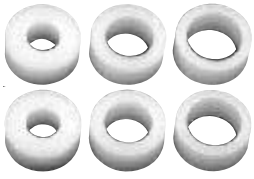
Used to connect two Hydroslide doors coming together in a 90 degree corner. **NOTE:** Sliding panels not to exceed 17" (432 mm) in width. Minimum order is one each.



CAT. NO. HYDH90

White Bushing Spacer Pack

Included in each Hydroslide Kit, but this replacement pack is also available. Two each of three different sizes are used to help fill the holes drilled in glass and prevent slippage. Two Bushings have I.D. of .312" (8 mm), two at .445" (11 mm), and two at .510" (13 mm), with all having an O.D. of .720" (18 mm). Minimum order is one pack.



CAT. NO. HYDS

CRL Hydroslide System Components

Sliding Door Floor Guide Kit

Our standard Guide Kit consists of one Floor Guide and two Screws.



CAT. NO.	FINISH
HYD03CH	Polished Chrome
HYD03BR	Polished Brass
HYD03BN	Brushed Nickel
HYD030RB	Oil Rubbed Bronze

Minimum order: 1 each.

Optional Sliding Door Guide

Allows the use of our HYD98 Bottom Sweep (sold separately).



CAT. NO.	FINISH
HYD08CH	Polished Chrome
HYD08BR	Polished Brass
HYD08BN	Brushed Nickel
HYD080RB	Oil Rubbed Bronze

Minimum order: 1 each.

Optional Sliding Door Offset Guide

Allows the use of our HYD98 Bottom Sweep (sold separately). Offset to assist with uneven curb conditions.



CAT. NO.	FINISH
HYD09CH	Polished Chrome
HYD09BR	Polished Brass
HYD09BN	Brushed Nickel
HYD090RB	Oil Rubbed Bronze

Minimum order: 1 each.

Bottom Sweep

Fits in both our HYD08 and HYD09 Guides, minimizing water leakage. Sold in 98" (2.49 m) stock lengths. Minimum order is one each.



CAT. NO. HYD98

CRL Hydroslide Bi-Fold Hinges





- **Wall Mount and Glass-to-Glass Models Allow Door to Bi-Fold Into Enclosure**
- **Four Finishes to Match Our Hydroslide System Hardware**

These Hydroslide Bi-Fold Hinges add a different element to the already popular Hydroslide System. Instead of a standard sliding door, you can now "Bi-Fold" two folding panels of glass into the shower enclosure, creating a larger opening than the single sliding door will allow. Made of solid brass and available in four popular finishes. Upper Track, Hanger, and 90 Degree Wall-to-Upper Track Connectors necessary for installation are all sold separately (see previous page).



Panels "Fold" Into the Shower

MORE INFORMATION crlaurence.com



MODEL HYDH037

Glass-to-Wall Mount



MODEL HYDH180

180 Degree
Glass-to-Glass

SPECIFICATIONS:

Glass Thickness: 5/16" to 3/8" (8 mm to 10 mm) Tempered Safety Glass
Material: Solid Brass
Hinge Swings: Bi-Fold into Shower Enclosure
Closing Type: Free Swinging
Holes Required in Glass
Includes: Gaskets, Screws, and Glass Fabrication Dimensions
Maximum Capacities: Do not Exceed Either 48" (1.22 m) or 100 lbs. (45 kg) for Both Folding Doors Combined. Use Two Hinges Only on Each Folding Panel.



Hydroslide Bi-Fold Hinges require holes in the glass

GLASS-TO-WALL CAT. NO.	GLASS-TO-GLASS CAT. NO.	FINISH
HYDH037CH	HYDH180CH	Polished Chrome
HYDH037BN	HYDH180BN	Brushed Nickel
HYDH037BR	HYDH180BR	Polished Brass
HYDH0370RB	HYDH1800RB	Oil Rubbed Bronze

Minimum order: 1 each. All Frameless Shower Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** All Shower Door Hinges are sold by the each, not in pairs. Be sure to order a minimum of two each hinges per door.

CRL SLIDING SHOWER DOOR SYSTEMS

go to:
crlaurence.com/**gallery**











TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Essence Series Rolling Shower Door System (Header-Free)

- Headerless System Offers Popular Frameless Look
- Bottom Rolling System has Integrated Height Adjustment
- Rollers Include Anti-Derail/Anti-Pinch Guard
- Choice of Rounded or Square Style Rollers
- Only for Use With 1/2" (12 mm) Thick Tempered Glass (Not Included)



Plumbing Fixture Not Included

Our Essence Series allows a headerless appearance by utilizing a bottom rolling system that includes an anti-derail/anti-pinch guard feature. The bottom rollers also have an integrated height adjustment for door to vertical jamb alignment. By being completely header-free, a frameless vertical and horizontal appearance is achieved. Smooth and quiet operation of the door is the cornerstone of this bottom rolling unit. At the same time, excellent water management is accomplished at the sill via the bottom track, and vertically with the use of a clear L-Shape jamb.

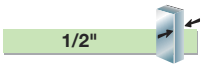
With your separate addition of a free standing shower head and valves, new configurations are possible, such as beautiful island designs, U-shaped designs, and L-shaped designs with unconventionally placed plumbing walls.

The Essence Series Frameless Sliding Shower Door System is for use only with 1/2" (12 mm) thick tempered safety glass (not included). It is stocked in four popular finishes, with a choice of rounded or square cornered rollers.

Sold in a Basic Kit that allows both 180 degree and 90 degree installations, the user simply orders the necessary Brackets, plus the Handle or Knob separately to complete the installation. See the important **HOW TO ORDER** section at the bottom right of this page.

NOTE: Go to **crlaurence.com/shower-sliders** to view our Essence Series Door System With Header.







Rounded Roller



Square Cornered Roller

MORE INFORMATION
crlaurence.com

SPECIFICATIONS:

Glass Thickness Range: 1/2" (12 mm) Tempered Safety Glass (Not Included)

Material: Rollers and Top Guide (Solid Brass); Bottom Sliding Track and U-Channel (Aluminum); L-Jamb (Polycarbonate)

Maximum Door Size:
Do Not Exceed Either 34" (864 mm) Wide or 127 Pounds (57.6 kg)

Basic Kit Fabrication:
Notch Required for Bottom Rollers, Holes Required for Top Guide

NOTE: Wall Mount and Glass-to-Glass Brackets also Require Glass Fabrication (see **crlaurence.com/shower-sliders** for details)

BASIC ESS1 OR ESS3 KITS INCLUDE THE FOLLOWING:
Two - Bottom Rollers
One - Spanner Wrench for Roller Adjustment
One - Top Door Guide
One - 64" (1.63 m) Bottom Track
One - 98" (2.49 m) U-Channel
One - 98" (2.49 m) Plastic L-Seal
One - SDCEC12 End Cap for Channel
One - 1/16" (1.6 mm) Neoprene Setting Block
NOTE: Glass Brackets, Handle or Knob, and Other Accessories Sold Separately

HOW TO ORDER FOR 180 DEGREE WALL-TO-WALL INSTALLATION:
1. Order Basic ESS1 (Rounded) or ESS3 (Square Cornered) Kit in Your Choice of Finish
2. Order Two Each CL90S (Rounded) or GE90S (Square Cornered) Wall Mount Brackets
3. Order Your Choice of Handle or Knob for Door
4. Order Any Other Accessories You May Want for the Enclosure

HOW TO ORDER FOR 90 DEGREE RETURN PANEL INSTALLATION:
1. Order Basic ESS1 (Rounded) or ESS3 (Square Cornered) Kit in Your Choice of Finish
2. Order Two Each CL90S (Rounded) or GE90S (Square Cornered) Wall Mount Brackets plus Two Each CL090 (Rounded) or GE090 (Square Cornered) Glass-to-Glass Brackets
3. Order Your Choice of Handle or Knob for Door
4. Order Any Other Accessories You May Want for the Enclosure

POLISHED CHROME CAT. NO.	BRUSHED NICKEL CAT. NO.	POLISHED BRASS CAT. NO.	OIL RUBBED BRONZE CAT. NO.	DESCRIPTION
ESS1CH	ESS1BN	ESS1BR	ESS10RB	*Basic Rounded Roller Style Essence Kit
ESS3CH	ESS3BN	ESS3BR	ESS30RB	*Basic Square Cornered Roller Style Essence Kit
BR4CH	BR4BN	BR4BR	BR40RB	Replacement Rounded Style Bottom Roller
SR4CH	SR4BN	SR4BR	SR40RB	Replacement Square Cornered Bottom Roller
TG4CH	TG4BN	TG4BR	TG40RB	Replacement Top Guide
BT4CH	BT4BN	BT4BR	BT40RB	64" (1.63 m) Replacement Bottom Track
SDCD12BA	SDCD12BN	SDCD12BGA	SDCD120RB	▲98" (2.49 m) Replacement U-Channel
DK98L	DK98L	DK98L	DK98L	■ 98" (2.49 m) Replacement Clear Plastic L-Seal

Minimum order: 1 each. NOTE: Glass Brackets, Door Handle or Knob, and Other Items Sold Separately. * Can be combined with other Sliding Shower Door Kits for quantity pricing. ▲ Can be combined with other Extrusions for quantity pricing. ■ Can be combined with other Shower Door Seals for quantity pricing.



Ask for your FREE copy of the FS14, Brochure containing all of CRL Shower Sliding Systems

CRL Cabo Soft Slide Sliding Shower Door System

NEW!



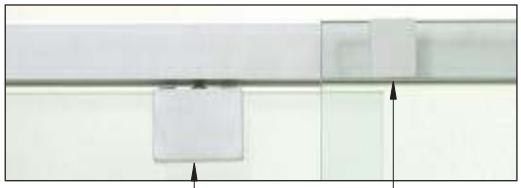
- Featuring the New 'Softbrake' Braking System
- Two Sizes Available 65" and 84" (1.65 and 2.13 m)
- Hardware for One Sliding Door and One Fixed Panel
- Concealed Overhead Roller Design
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg)
- Available in Five Finishes, With Custom Finishes Available
- For Use With 5/16", 3/8" or 1/2" (8, 10 or 12 mm) Thick Tempered Glass (Not Included)





The Cabo Soft Slide Sliding Door System offers the 'Softbrake' Braking System on the door, ensuring that you do not have to worry about the door "slamming" open or closed. 'Softbrake' cushions the opening and closing of the door gently, quietly, and is completely concealed inside the header. 'Softbrake' controls the last 4" (100 mm) of door travel, preventing the glass from impacting the jamb or adjacent glass panel.

The Cabo Soft Slide Series offers a choice of two clamp cover designs (rounded or square cornered), and is available in five architectural finishes. Each Kit comes complete with a Header, two Top Clamps with Covers, two Wall Mount Brackets, two Top Fixed Glass Fasteners with Covers, and a Bottom Guide. Bottom Fixed Glass Attachments (Channels or Clamps), and Handles must be ordered separately. **NOTE:** Tempered glass is not included.





Square Cornered Clamp



Rounded Clamp

MORE INFORMATION
crlaurence.com



Wall Mount Bracket
(Included with 180 Degree Kits)



Optional 90 Degree Return Hardware Kit with Bracket and Wall Clamp (Sold Separately, See Below)

SPECIFICATIONS:
Glass Thickness Range:
5/16" to 1/2" (8 to 12 mm)
Tempered Safety Glass (Not Included)
Material: Aluminum
Maximum Door Weight: 176 lbs (80 kg)
Finished Opening Size:
Minimum 60" (1.52 m) Wide on 65" (1.65 m) Kit;
Minimum 65" (1.65 m) Wide on 84" (2.13 m) Kit
Glass Fabrication: Holes and Notches Required in Sliding Door
Includes: Gaskets, Screws, and Glass Fabrication Information

180 DEGREE KITS WITH HEADERS

65" (1.65 M) ROUNDED CLAMP CAT. NO.	65" (1.65 M) SQUARE CLAMP CAT. NO.	84" (2.13 M) ROUNDED CLAMP CAT. NO.	84" (2.13 M) SQUARE CLAMP CAT. NO.	FINISH
CABR65CH	CABS65CH	CABR84CH	CABS84CH	Polished Chrome
CABR65SA	CABS65SA	CABR84SA	CABS84SA	Satin Anodized
CABR65BN	CABS65BN	CABR84BN	CABS84BN	Brushed Nickel
CABR65BR	CABS65BR	CABR84BR	CABS84BR	Polished Brass
CABR65DU	CABS65DU	CABR84DU	CABS84DU	Duranodic Bronze

Minimum order: 1 each. Can be combined with other Sliding Shower Door Kits for quantity pricing. **NOTE:** Bottom Fixed Glass Attachments (channels or clamps), and handles must be ordered separately.

OPTIONAL 90 DEGREE RETURN HARDWARE KIT

CAT. NO.	FINISH
CAB90CH	Polished Chrome
CAB90SA	Satin Anodized
CAB90BN	Brushed Nickel
CAB90BR	Polished Brass
CAB90DU	Duranodic Bronze

Minimum order: 1 each. Can be combined with other Sliding Shower Door Accessory Kits for quantity pricing.

CRL "CK" Cottage Series Sliding Shower Door Kits With Clear Side Jambs





More Glass! Less Metal!

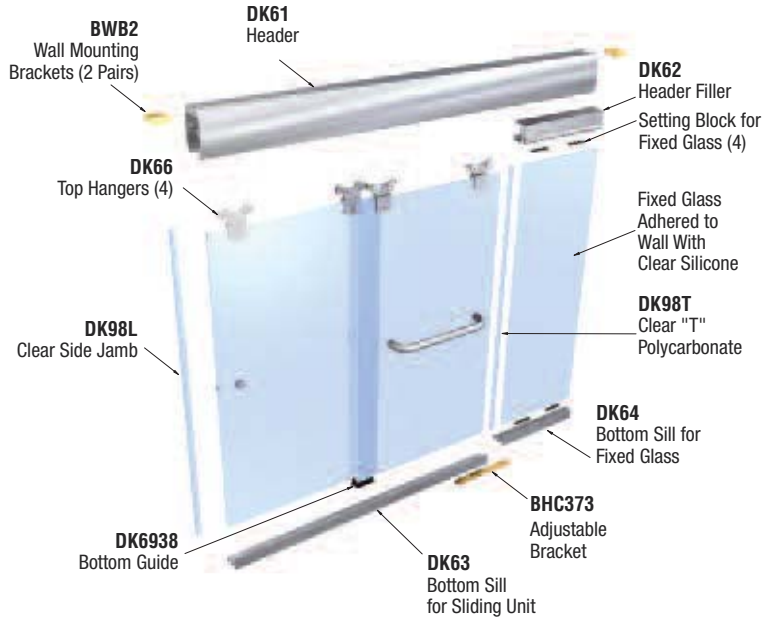
MORE INFORMATION
crlaurence.com

See the Next Three Pages for Diagrams and Details on Our "CK" Cottage Series Clear Jamb Sliding Frameless Door System

- **Utilizes Clear Polycarbonate Side Jambs Instead of Traditional Metal Jambs**

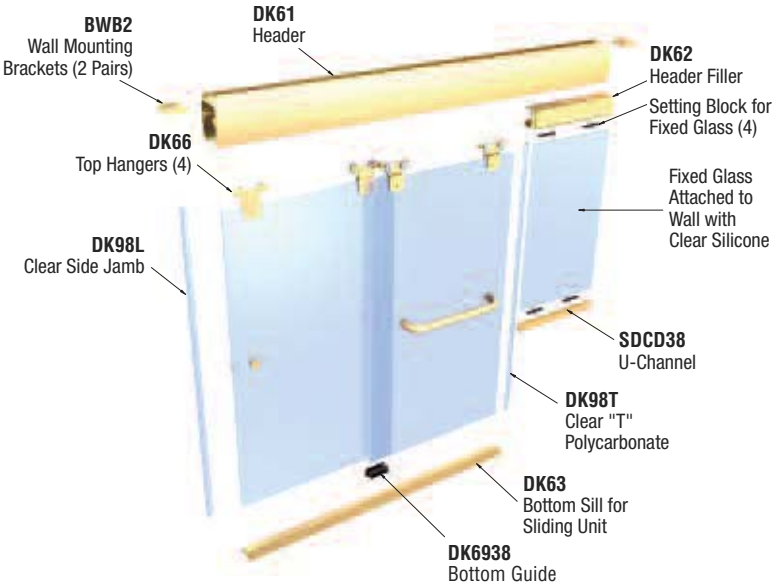


Typical view of a custom inline "CK" Cottage Series Shower Door unit with clear side jambs and an adjacent full length fixed glass panel. Example shown is for use with 3/8" (10 mm) tempered glass





Typical view of a custom inline "CK" Cottage Series Shower Door unit with clear side jambs and an adjacent fixed glass panel on a pony wall. Example shown is for use with 3/8" (10 mm) tempered glass



CRL "CK" Cottage Series Sliding Shower Door Kits With Clear Side Jambs





- **Designed for Use With 1/4" or 3/8" (6 or 10 mm) Thick Tempered Glass**
- **Bolt-Through Top Hangers Allow Immediate Fabrication and Installation**
- **Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze in Up to Six Stock Sizes**
- **Custom Units Also Available**

MORE INFORMATION crlaurence.com

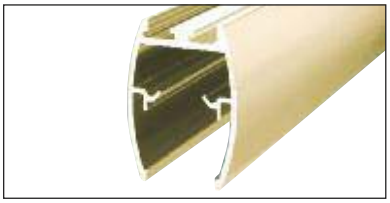
See Individual Components on the Next Two Pages for Do-It-Yourself Fabrication

SPECIFICATIONS:
Material: Extrusions (Aluminum); Side Jambs (Polycarbonate); Towel Bar (Brass Tubing); Knob (Solid Brass)
Glass Thickness: 1/4" or 3/8" (6 or 10 mm) (Glass not included in Kit)
Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole; Top Hangers – Four 1/2" (12 mm) Diameter Holes (two per glass panel)

"CK" Cottage Series Sliders are unique in that they utilize clear polycarbonate side jambs instead of traditional metal side jambs, thus providing more of the popular 'all-glass' look. Bolt-Through Top Hangers allow immediate fabrication and installation, with no waiting for messy adhesive to dry.

"CK" Cottage Series Kits come in Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze finishes. The top hung stock units include: Extruded Aluminum Header, Top Hangers for 1/4" or 3/8" (6 or 10 mm) glass, Clear Polycarbonate Side Jambs, Bottom Sill, Back-to-Back Knob, 24" (610 mm) Towel Bar, Nylon Rollers, Bottom Guide, Screws, and Bumpers. Tempered glass and silicone sealant are supplied by the installer to complete the installation. Since all rollers are overhead, the Bottom Sill and Clear Side Jambs are uncluttered, making cleaning easy.

Available in up to six stock sizes. Extrusions, Bottom Guide, Hardware Packages, and other accessories may be ordered separately as well (see next two pages).

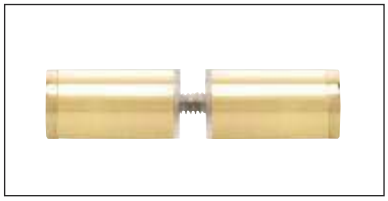

Header


Bottom Sill

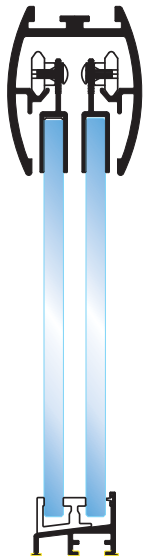

Clear Polycarbonate Side Jamb


Top Hanger for 1/4" (6 mm) Glass


Top Hanger for 3/8" (10 mm) Glass


Back-to-Back Knob (with Plastic Sleeve)


24" (610 mm) Towel Bar

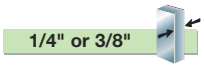


BRITE ANODIZED CAT. NO.	BRUSHED NICKEL CAT. NO.	BRITE GOLD ANODIZED CAT. NO.	OIL RUBBED BRONZE CAT. NO.	GLASS THICKNESS	SIZE (WIDTH X HEIGHT)
CK386060BA	CK386060BN	CK386060BGA	CK3860600RB	3/8" (10 mm)	60" x 60" (1.52 x 1.52 m)
CK386072BA	CK386072BN	CK386072BGA	CK3860720RB	3/8" (10 mm)	60" x 72" (1.52 x 1.83 m)
CK386080BA	CK386080BN	CK386080BGA	CK3860800RB	3/8" (10 mm)	60" x 80" (1.52 x 2.03 m)
CK387260BA	CK387260BN	CK387260BGA	CK3872600RB	3/8" (10 mm)	72" x 60" (1.83 x 1.52 m)
CK387272BA	CK387272BN	CK387272BGA	CK3872720RB	3/8" (10 mm)	72" x 72" (1.83 x 1.83 m)
CK387280BA	CK387280BN	CK387280BGA	CK3872800RB	3/8" (10 mm)	72" x 80" (1.83 x 2.03 m)
CK146060BA	CK146060BN	CK146060BGA	CK1460600RB	1/4" (6 mm)	60" x 60" (1.52 x 1.52 m)
CK146072BA	CK146072BN	CK146072BGA	CK1460720RB	1/4" (6 mm)	60" x 72" (1.52 x 1.83 m)
CK147260BA	CK147260BN	CK147260BGA	CK1472600RB	1/4" (6 mm)	72" x 60" (1.83 x 1.52 m)

Minimum order: 1 each. Kits can be combined for quantity pricing.

CRL "CK" Cottage Series Sliding Shower Door Components

- **Individual Supplementary Extrusions and Hardware Components to Convert Our Frameless Shower Door Kits Into Angled Enclosures or Wider Inline Units**
- **Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze Finishes to Match Our Kits**
- **Do It Yourself, or You Can Send Us a Drawing to Customize a Unit for You**



MORE CHOICES crlaurence.com

"CK" Cottage Series components were especially designed by CRL to add versatility to our Frameless Sliding Shower Door Kits. They allow the option of adding additional panels to create a designer enclosure, or simply construct your own sliding unit by combining the various parts. Stock lengths of Headers, Header Fillers, Bottom Sills, and Clear Polycarbonate Vertical Jambs, along with Top Hangers and other accessory items round out the items available.

Use these components to build the enclosure you require, or we can assist with your design. Email or fax us a drawing (with dimensions) of the shower opening and we will put together a customized kit for you. The Kit will include everything you will need (except the glass and the silicone). Installation instructions are included in each custom kit. **NOTE:** All fixed panels of glass must be 3/8" (10 mm) thick.

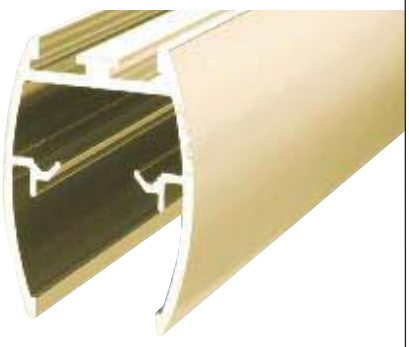
DIMENSIONAL DRAWINGS OF "CK" SERIES COMPONENTS

Items may be viewed at **crlaurence.com/shower-sliders** then click on "Technical Information" from the offer page. At that point you may view the PDF File. You may also contact CRL Shower Technical Sales for further information.



SPECIFICATIONS:
Material: Extrusions (Aluminum), Jamb Seals (Polycarbonate), Towel Bar (Brass Tubing), Knob (Solid Brass)
Glass Thicknesses: 1/4" or 3/8" (6 or 10 mm) (Glass not included)
Recommended Maximum Slider Sizes: 1/4" (6 mm) Glass: 60" W x 72" H (1.52 x 1.83 m) or 72" W x 60" H (1.83 x 1.52 m); 3/8" (10 mm) Glass: 72" W x 80" H (1.83 x 2.03 m)
Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole; Top Hangers – Four 1/2" (12 mm) Diameter Holes (two per glass panel)

• Top Header Extrusion Acts as a Crown, and is Used in All Cottage Series Applications



Header
MODEL DK61 = 72" (1.83 m)
MODEL DK61144 = 144" (3.66 m)

72" (1.83 M) CAT. NO.	144" (3.66 M) CAT. NO.	FINISH
DK61BA	DK61144BA	Brite Anodized
DK61BN	DK61144BN	Brushed Nickel
DK61BGA	DK61144BGA	Brite Gold Anodized
DK610RB	DK611440RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. 144" (3.66 m) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

• Bottom Sill Extrusion Used in All Cottage Series Applications



Bottom Sill
MODEL DK63 = 72" (1.83 m)
MODEL DK63144 = 144" (3.66 m)

72" (1.83 M) CAT. NO.	144" (3.66 M) CAT. NO.	FINISH
DK63BA	DK63144BA	Brite Anodized
DK63BN	DK63144BN	Brushed Nickel
DK63BGA	DK63144BGA	Brite Gold Anodized
DK630RB	DK631440RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. 144" (3.66 m) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

• Bottom Sill Spacer Can Be Cut at a Taper to Bring the Bottom Sill to a Level Position



Sill Spacer
MODEL DK7172
72" (1.83 m)

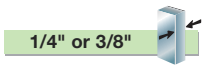
This Bottom Sill Spacer is used in situations where the tub is not level across the front. The Spacer can be cut at a taper to accommodate the difference. It is used in conjunction with the DK63 Series Bottom Sill.

72" (1.83 M) CAT. NO.	CUSTOM TAPER* CAT. NO.	FINISH
DK7172BA	DK71BA	Brite Anodized
DK7172BN	DK71BN	Brushed Nickel
DK7172BGA	DK71BGA	Brite Gold Anodized
DK71720RB	DK710RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. *Custom fabrication available. Contact CRL Shower Technical Sales for further information.

CRL "CK" Cottage Series Sliding Shower Door Components

MORE INFORMATION crlaurence.com





SPECIFICATIONS:

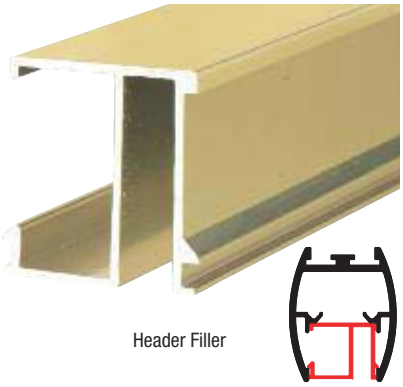
Material: Extrusions (Aluminum), Jamb Seals (Polycarbonate), Towel Bar (Brass Tubing), Knob (Solid Brass)

Glass Thickness: 1/4" or 3/8" (6 or 10 mm) (Glass not included)

Recommended Maximum Slider Sizes: 1/4" (6 mm) Glass: 60" W x 72" H (1.52 x 1.83 m) or 72" W x 60" H (1.83 x 1.52 m); 3/8" (10 mm) Glass: 72" W x 80" H (1.83 x 2.03 m)

Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole; Top Hangers – Four 1/2" (12 mm) Diameter Holes (two per glass panel)

• Header Filler Used Where Fixed Panels are Located



Header Filler

72" (1.83 M) CAT. NO.	144" (3.66 M) CAT. NO.	FINISH
DK62BA	DK62144BA	Brite Anodized
DK62BN	DK62144BN	Brushed Nickel
DK62BGA	DK62144BGA	Brite Gold Anodized
DK620RB	DK621440RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. 144" (3.66 m) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

• Roller Bracket Assembly Used in Cottage Series Applications



Top Hanger for 3/8" (10 mm) Glass
MODEL DK66



Top Hanger for 1/4" (6 mm) Glass
MODEL DK67

3/8" (10 MM) CAT. NO.	1/4" (6 MM) CAT. NO.	FINISH
DK66BA	DK67BA	Brite Anodized
DK66BN	DK67BN	Brushed Nickel
DK66BGA	DK67BGA	Brite Gold Anodized
DK660RB	DK670RB	Oil Rubbed Bronze

Minimum order: 1 each.

• Sidelite Sill Used in Cottage Series Applications Where Fixed Panel is Same Height as Doors





Sidelite Sill

72" (1.83 M) CAT. NO.	144" (3.66 M) CAT. NO.	FINISH
DK64BA	DK64144BA	Brite Anodized
DK64BN	DK64144BN	Brushed Nickel
DK64BGA	---	Brite Gold Anodized
DK640RB	DK641440RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. 144" (3.66 m) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

• Standard 24" (610 mm) BMNW24 Towel Bar and SDKP112 Back-to-Back Knob



24" (610 mm) Towel Bar
MODEL BMNW24



Back-to-Back Knob (with Plastic Sleeve)
MODEL SDKP112

TOWEL BAR CAT. NO.	KNOB CAT. NO.	FINISH
BMNW24CH	SDKP112CH	Polished Chrome
BMNW24BN	SDKP112BN	Brushed Nickel
BMNW24BR	SDKP112BR	Polished Brass
BMNW240RB	SDKP1120RB	Oil Rubbed Bronze

Minimum order: 1 each. Finishes may be combined for quantity pricing. Other length Towel Bars are available on page SD079.

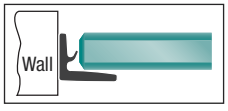
• Vinyl Seals Used Glass-to-Glass or Glass-to-Wall



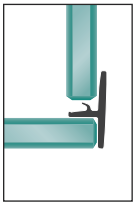
L-Shaped Clear Polycarbonate
MODEL DK98L



T-Shaped Clear Polycarbonate
MODEL DK98T



Polycarbonates adhere to glass or wall as shown below using our Clear Very Hi-Bond Tape (see page SD129).





CAT. NO.	SIZE	STYLE
DK98L	98" (2.49 m)	L-Shaped Vinyl
DK98T	98" (2.49 m)	T-Shaped Vinyl

Minimum order: 1 each. Vinyl Seals may be combined for quantity pricing.

• Bottom Guides, Rollers, and Hardware Required for Cottage Applications



Bottom Guide
MODEL DK69



Rollers
MODEL DKR78

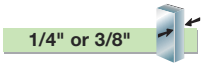


Hardware Pack
MODEL DK68

CAT. NO.	DESCRIPTION
DK6938	*Bottom Guide for 3/8" (10 mm) Glass
DK6914	*Bottom Guide for 1/4" (6 mm) Glass
DKR78	*Attachment Rollers (2 per pack)
DK68B	Brite Anodized and Brushed Nickel Hardware Pack
DK68G	Brite Gold Anodized Hardware Pack
DK68BL	Oil Rubbed Bronze Hardware Pack

Minimum order: 1 each. *Can be combined with other Cottage Hardware Packs for quantity pricing.

CRL "DK" Cottage Series Sliding Shower Door Kits With Metal Side Jambs





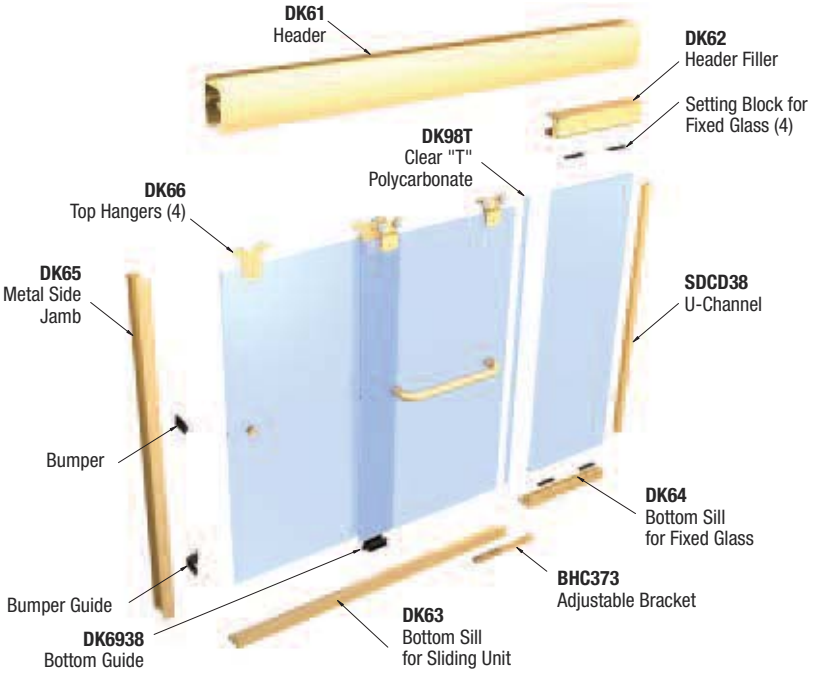
- **Metal Side Jambs Allow Matching of All Extrusions for a Truly Beautiful and Functional Enclosure**

MORE INFORMATION crlaurence.com

See the Next Three Pages for Diagrams and Details on Our "DK" Cottage Series Metal Jamb Sliding Frameless Door System

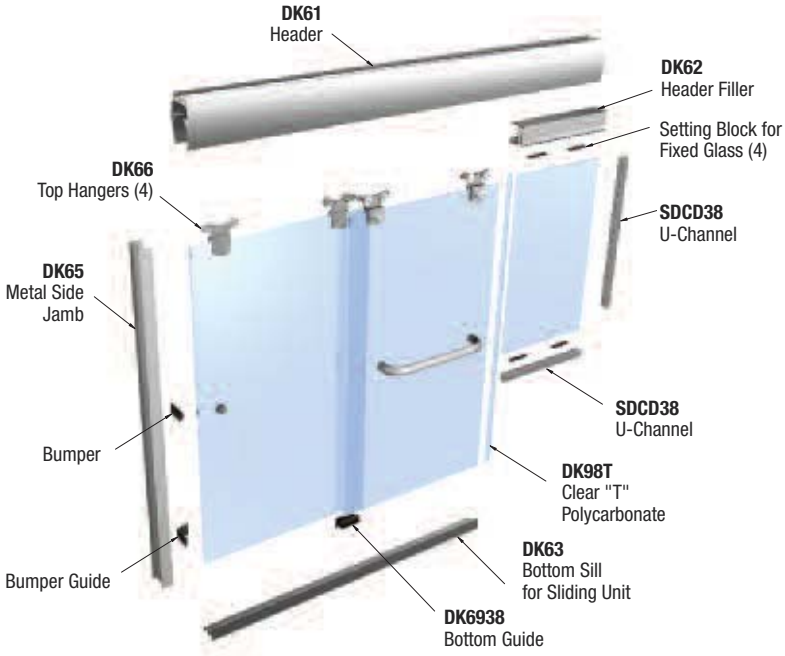


Typical view of a custom inline "DK" Cottage Series Shower Door unit with metal side jamb and an adjacent full length fixed glass panel. Example shown is for use with 3/8" (10 mm) tempered glass.

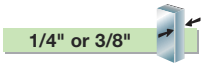




Typical view of a custom inline "DK" Cottage Series Shower Door unit with metal side jamb and an adjacent fixed glass panel on a pony wall. Example shown is for use with 3/8" (10 mm) tempered glass.



CRL "DK" Cottage Series Sliding Shower Door Kits With Metal Side Jambs





- **Utilizes Traditional Metal Side Jambs**
- **Bolt-Through Top Hangers Allow Immediate Fabrication and Installation**
- **Designed for Use With 1/4" or 3/8" (6 or 10 mm) Thick Tempered Glass**
- **Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze in Up to Six Stock Sizes**
- **Custom Units Also Available**

MORE INFORMATION crlaurence.com

See Individual Components on the Next Two Pages for Do-It-Yourself Fabrication

SPECIFICATIONS

Material: Extrusions (Aluminum); Towel Bar (Brass Tubing); Knob (Solid Brass)

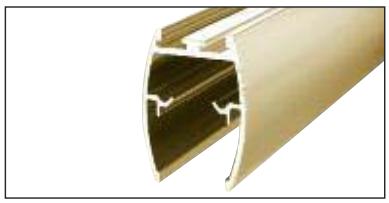
Glass Thickness: 1/4" or 3/8" (6 or 10 mm) (Glass not included in Kit)

Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole; Top Hangers – Four 1/2" (12 mm) Diameter Holes (two per glass panel)

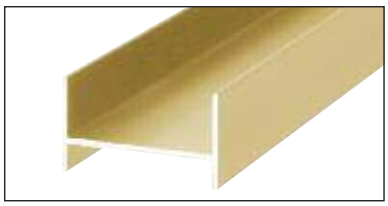
"DK" Cottage Series Sliders utilize metal side jambs for a traditional frameless sliding shower door appearance. Bolt-Through Top Hangers allow immediate fabrication and installation, with no waiting for messy adhesive to dry.

Our "DK" Cottage Series Kits come in Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze finishes. The top hung stock units include: Extruded Aluminum Header, Side Jambs, and Bottom Sill; Top Hangers for 1/4" or 3/8" (6 or 10 mm) glass, Back-to-Back Knob, 24" (610 mm) Towel Bar, Nylon Rollers, Bottom Guide, Screws, and Bumpers. Tempered glass and silicone sealant are supplied by the installer to complete the installation. Since all rollers are overhead, the Bottom Sill and Side Jambs are uncluttered, making cleaning easy.

Available in up to six stock sizes. Extrusions, Bottom Guides, Hardware Packages, plus other accessories may be ordered separately (see next two pages). Custom units are available for special installations.

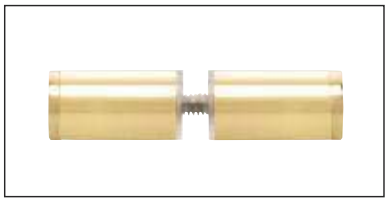

Header


Bottom Sill

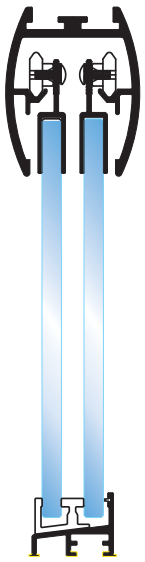

Side Jamb


Top Hanger for 1/4" (6 mm) Glass


Top Hanger for 3/8" (10 mm) Glass


Back-to-Back Knob (with Plastic Sleeve)


24" (610 mm) Towel Bar



BRITE ANODIZED CAT. NO.	BRUSHED NICKEL CAT. NO.	BRITE GOLD ANODIZED CAT. NO.	OIL RUBBED BRONZE CAT. NO.	GLASS THICKNESS	SIZE (WIDTH X HEIGHT)
DK386060BA	DK386060BN	DK386060BGA	DK3860600RB	3/8" (10 mm)	60" x 60" (1.52 x 1.52 m)
DK386072BA	DK386072BN	DK386072BGA	DK3860720RB	3/8" (10 mm)	60" x 72" (1.52 x 1.83 m)
DK386080BA	DK386080BN	DK386080BGA	DK3860800RB	3/8" (10 mm)	60" x 80" (1.52 x 2.03 m)
DK387260BA	DK387260BN	DK387260BGA	DK3872600RB	3/8" (10 mm)	72" x 60" (1.83 x 1.52 m)
DK387272BA	DK387272BN	DK387272BGA	DK3872720RB	3/8" (10 mm)	72" x 72" (1.83 x 1.83 m)
DK387280BA	DK387280BN	DK387280BGA	DK3872800RB	3/8" (10 mm)	72" x 80" (1.83 x 2.03 m)
DK146060BA	DK146060BN	DK146060BGA	DK1460600RB	1/4" (6 mm)	60" x 60" (1.52 x 1.52 m)
DK146072BA	DK146072BN	DK146072BGA	DK1460720RB	1/4" (6 mm)	60" x 72" (1.52 x 1.83 m)
DK147260BA	DK147260BN	DK147260BGA	DK1472600RB	1/4" (6 mm)	72" x 60" (1.83 x 1.52 m)

Minimum order: 1 each. Kits can be combined for quantity pricing.

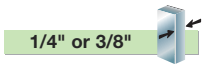
CRL "DK" Cottage Series Sliding Shower Door Components

- **Individual Supplementary Extrusions and Hardware Components to Convert Our Frameless Shower Door Kits Into Angled Enclosures or Wider Inline Units**
- **Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze Finishes to Match Our Kits**
- **Do It Yourself, or You Can Send Us a Drawing to Customize a Unit for You**



"DK" Cottage Series components were especially designed by CRL to add versatility to our Frameless Sliding Shower Door Kits. They allow the option of adding additional panels to create a designer enclosure, or simply construct your own sliding unit by combining the various parts. Stock lengths of Headers, Header Fillers, Side Jambs, Bottom Sills, Sidelite Sills, and Clear Polycarbonate Vertical Jambs, along with Top Hangers and other accessory items round out the items available.

Use these components to build the enclosure you require, or we can assist with your design. Email or fax us a drawing (with dimensions) of the shower opening and we will put together a customized kit for you that will include everything you will need (except the glass and the silicone). Installation instructions are included in each custom kit.
NOTE: All fixed panels of glass must be 3/8" (10 mm) thick.





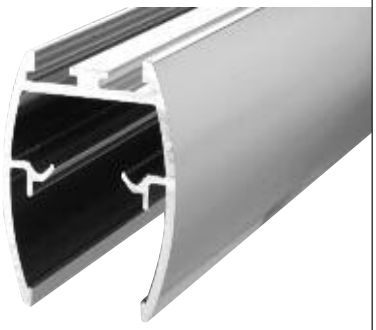
MORE CHOICES crlaurence.com

DIMENSIONAL DRAWINGS OF "DK" SERIES COMPONENTS

Items may be viewed at **crlaurence.com/shower-sliders** then click on "Technical Information" from the offer page. At that point you may view the PDF File. You may also contact CRL Shower Technical Sales for further information.

SPECIFICATIONS:
Material: Extrusions (Aluminum), Towel Bar (Brass Tubing), Knob (Solid Brass),
Glass Thickness: 1/4" or 3/8" (6 or 10 mm) (Glass not included)
Recommended Maximum Slider Sizes: 1/4" (6 mm) Glass: 60" W x 72" H (1.52 x 1.83 m) or 72" W x 60" H (1.83 x 1.52 m); 3/8" (10 mm) Glass: 72" W x 80" H (1.83 x 2.03 m)
Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole; Top Hangers – Four 1/2" (12 mm) Diameter Holes (two per glass panel)

- **Top Header Extrusion Acts as a Crown, and is Used in All Cottage Series Applications**



Header
MODEL DK61 = 72" (1.83 m)
MODEL DK61144 = 144" (3.66 m)

72" (1.83 M) CAT. NO.	144" (3.66 M) CAT. NO.	FINISH
DK61BA	DK61144BA	Brite Anodized
DK61BN	DK61144BN	Brushed Nickel
DK61BGA	DK61144BGA	Brite Gold Anodized
DK610RB	DK611440RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. 144" (3.6 mm) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

- **Bottom Sill Extrusion Used in All Cottage Series Applications**



Bottom Sill
MODEL DK63 = 72" (1.83 m)
MODEL DK63144 = 144" (3.66 m)

72" (1.83 M) CAT. NO.	144" (3.66 M) CAT. NO.	FINISH
DK63BA	DK63144BA	Brite Anodized
DK63BN	DK63144BN	Brushed Nickel
DK63BGA	DK63144BGA	Brite Gold Anodized
DK630RB	DK631440RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. 144" (3.66 m) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

- **Bottom Sill Spacer Can Be Cut at a Taper to Bring the Bottom Sill to a Level Position**
- **Jamb Can Be Cut at a Taper to Fill Vertical Gap When Glass Should Have Been Cut Out of Square But Was Not**



Sill Spacer
MODEL DK7172
= 72" (1.83 m)



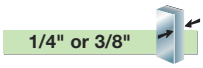
Jamb Spacer
MODEL DK7080
= 80" (2.03 m)

SILL SPACER CAT. NO.	JAMB SPACER CAT. NO.	FINISH
DK7172BA	DK7080BA	Brite Anodized
DK7172BN	DK7080BN	Brushed Nickel
DK7172BGA	DK7080BGA	Brite Gold Anodized
DK71720RB	DK70800RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing.

CRL "DK" Cottage Series Sliding Shower Door Components

MORE INFORMATION crlaurence.com





SPECIFICATIONS:

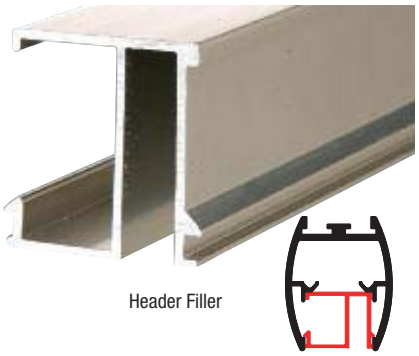
Material: Extrusions (Aluminum), Towel Bar (Brass Tubing), Knob (Solid Brass)

Glass Thickness: 1/4" or 3/8" (6 or 10 mm) (Glass not included)

Recommended Maximum Slider Sizes: 1/4" (6 mm) Glass: 60" W x 72" H (1.52 x 1.83 m) or 72" W x 60" H (1.83 x 1.52 m); 3/8" (10 mm) Glass: 72" W x 80" H (1.83 x 2.03 m)

Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole; Top Hangers – Four 1/2" (12 mm) Diameter Holes (two per glass panel)

• Header Filler Used Where Fixed Panels are Located

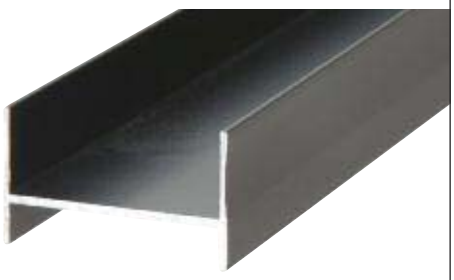


Header Filler

72" (1.83 M) CAT. NO.	144" (3.66 M) CAT. NO.	FINISH
DK62BA	DK62144BA	Brite Anodized
DK62BN	DK62144BN	Brushed Nickel
DK62BGA	DK62144BGA	Brite Gold Anodized
DK620RB	DK621440RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. 144" (3.66 m) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

• Side Jamb is Used Against the Vertical Wall in "DK" Series Slider Applications



Side Jamb

80" (2.03 M) CAT. NO.	144" (3.66 M) CAT. NO.	FINISH
DK65BA	DK65144BA	Brite Anodized
DK65BN	DK65144BN	Brushed Nickel
DK65BGA	DK65144BGA	Brite Gold Anodized
DK650RB	DK651440RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. 144" (3.66 m) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

• Sidelite Sill Used in Cottage Series Applications Where Fixed Panel is Same Height as Doors





Sidelite Sill

72" (1.83 M) CAT. NO.	144" (3.66 M) CAT. NO.	FINISH
DK64BA	DK64144BA	Brite Anodized
DK64BN	DK64144BN	Brushed Nickel
DK64BGA	---	Brite Gold Anodized
DK640RB	DK641440RB	Oil Rubbed Bronze

Minimum order: 1 each. Extrusions may be combined for quantity pricing. 144" (3.66 m) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

• Roller Bracket Assembly Used in Cottage Series Applications



Top Hanger for 3/8" (10 mm) Glass
MODEL DK66



Top Hanger for 1/4" (6 mm) Glass
MODEL DK67

3/8" (10 MM) CAT. NO.	1/4" (6 MM) CAT. NO.	FINISH
DK66BA	DK67BA	Brite Anodized
DK66BN	DK67BN	Brushed Nickel
DK66BGA	DK67BGA	Brite Gold Anodized
DK660RB	DK670RB	Oil Rubbed Bronze

Minimum order: 1 each.

• Standard 24" (610 mm) BMNW24 Towel Bar and SDKP112 Back-to-Back Knob



24" (610 mm) Towel Bar
MODEL BMNW24



Back-to-Back Knob (with Plastic Sleeve)
MODEL SDKP112

TOWEL BAR CAT. NO.	KNOB CAT. NO.	FINISH
BMNW24CH	SDKP112CH	Polished Chrome
BMNW24BN	SDKP112BN	Brushed Nickel
BMNW24BR	SDKP112BR	Polished Brass
BMNW240RB	SDKP1120RB	Oil Rubbed Bronze

Minimum order: 1 each. Finishes may be combined for quantity pricing. Other Towel Bars lengths are available on page SD079.

• Bottom Guides, Rollers and Hardware Required for Cottage Applications



Bottom Guide
MODEL DK69



Rollers
MODEL DKR78



Hardware Pack
MODEL DK68

CAT. NO.	DESCRIPTION
DK6938	*Bottom Guide for 3/8" (10 mm) Glass
DK6914	*Bottom Guide for 1/4" (6 mm) Glass
DKR78	*Attachment Rollers (2 per pack)
DK68B	Brite Anodized and Brushed Nickel Hardware Pack
DK68G	Brite Gold Anodized Hardware Pack
DK68BL	Oil Rubbed Bronze Hardware Pack

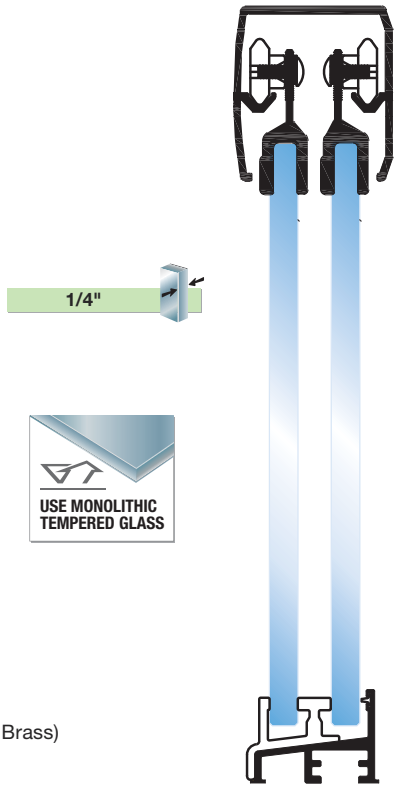
Minimum order: 1 each. *Can be combined with other Cottage Hardware Packs for quantity pricing.

CRL "EK" Suite Series Frameless Sliding Shower Kits

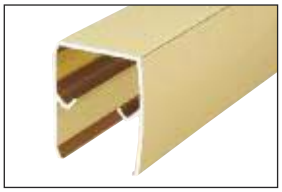
MORE INFORMATION crlaurence.com

- Designed for Use Only With 1/4" (6 mm) Thick Tempered Glass
- Low Profile 2-9/16" (65 mm) Header is Reversible So You Can Expose Either the Curved or Flat Side
- Clamp-On Hanger Bracket Eliminates Glass Drilling
- Offered Only in Inline Units With Metal Side Jambs
- Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze in Two Stock Sizes
- Custom Size Units Also Available

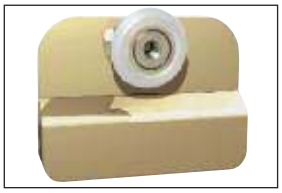




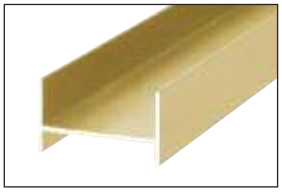
End View of Sliding Panels



Header



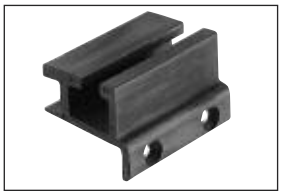
'No Drill' Top Hanger



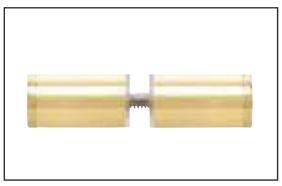
Side Jamb



Bottom Sill



Bottom Guide



Back-to-Back Knob (with Plastic Sleeve)

SPECIFICATIONS:
Material: Extrusions (Aluminum); Towel Bar (Brass Tubing); Knob (Solid Brass)
Glass Thickness: 1/4" (6 mm) (Glass not included in Kit)
Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole
Maximum Recommended Size: 60" W x 72" H (1.52 x 1.83 m)

The "EK" Suite Series Frameless Sliding Shower Door Kit for 1/4" (6 mm) thick glass provides an alternative design and mounting method to our Deluxe Cottage Series Sliders. The Hanger Bracket is a cost-reducing device, as it clamps directly onto the glass and eliminates the need for drilling holes (set screws only). The brackets allow for smooth, quiet operation and long service life at a lower cost.

The specially designed Header is only 2-9/16" (65 mm) tall. This reduces the profile of the top metal, and allows more of the frameless 'all-glass' look. It is reversible so the customer has the choice of using the gently curved side, or the flat side with top and bottom edge bevels.

The "EK" Suite Series is available exclusively with metal side jambs, does not offer the clear jamb system, and is available only for inline units. Kits with fixed panels are not available.

Two popular stock sizes are available: 60" W x 60" H (1.52 x 1.52 m) and 60" W x 72" H (1.52 x 1.83 m). Custom inline sizes are also available, but not to exceed 60" (1.52 m) wide or 72" (1.83 m) tall. The "EK" Suite Series comes in four popular finishes.

CAT. NO.	SIZE (WIDTH X HEIGHT)	FINISH
EK146060BA	60" x 60" (1.52 x 1.52 m)	Brite Anodized
EK146060BN	60" x 60" (1.52 x 1.52 m)	Brushed Nickel
EK146060BGA	60" x 60" (1.52 x 1.52 m)	Brite Gold Anodized
EK1460600RB	60" x 60" (1.52 x 1.52 m)	Oil Rubbed Bronze
EK146072BA	60" x 72" (1.52 x 1.83 m)	Brite Anodized
EK146072BN	60" x 72" (1.52 x 1.83 m)	Brushed Nickel
EK146072BGA	60" x 72" (1.52 x 1.83 m)	Brite Gold Anodized
EK1460720RB	60" x 72" (1.52 x 1.83 m)	Oil Rubbed Bronze

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing.

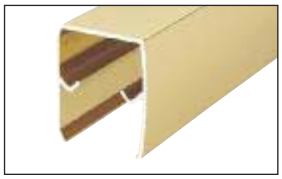
ALL KITS INCLUDE: Aluminum Extrusions, 24" (610 mm) Towel Bar, Knob, Hardware Package, and Installation Instructions.



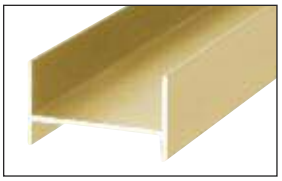
24" (610 mm) Towel Bar

CRL "EK" Suite Series Frameless Sliding Shower Door Components

- **Individual Supplementary Extrusions and Hardware Components to be Used for Replacement, or to Fabricate Your Own Kits**
- **Brite Anodized, Brite Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze Finishes to Match Our Kits**



Header
MODEL EK61 = 60" (1.52 m)
MODEL EK61121 = 121" (3.07 m)

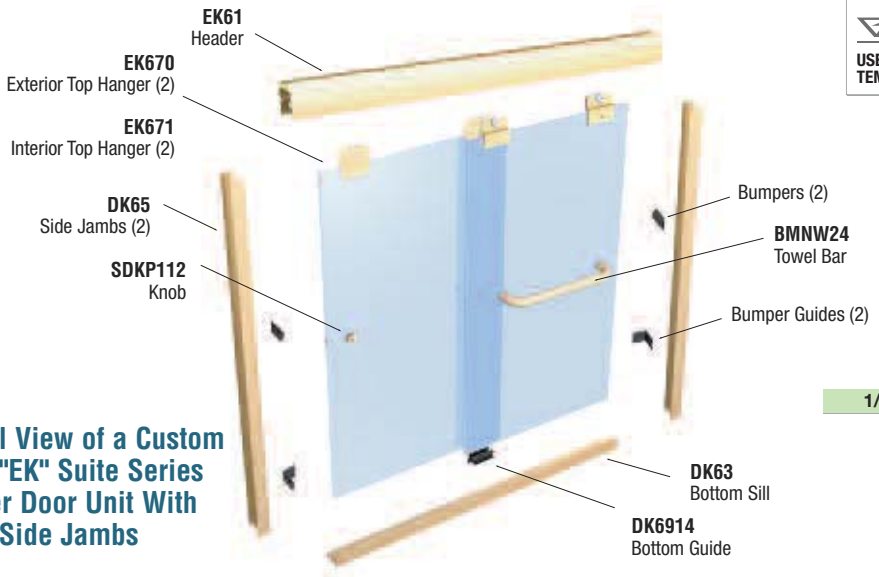


Side Jamb
MODEL DK65 = 80" (2.03 m)
MODEL DK65144 = 144" (3.66 m)

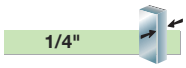




Bottom Sill
MODEL DK63 = 72" (1.83 m)
MODEL DK63144 = 144" (3.66 m)

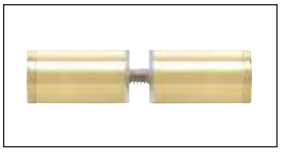


- **Typical View of a Custom Inline "EK" Suite Series Shower Door Unit With Metal Side Jambs**

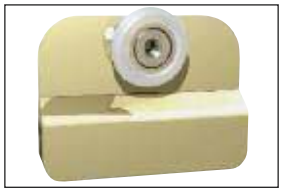




Bottom Guide
MODEL DK6914



Back-to-Back Knob
(with Plastic Sleeve)
MODEL SDKP112



Exterior Top Hanger
MODEL EK670



Interior Top Hanger
MODEL EK671

MORE CHOICES
crlaurence.com



24" (610 mm) Towel Bar
MODEL BMNW24

Component items for our "EK" Suite Series Frameless Sliding Shower Doors are ideal for use as replacement parts, or for units you wish to fabricate yourself. Stock lengths of the Extrusions, individual Towel Bars, Knobs, and accessory hardware provide all of the options you need to build your own inline enclosures for 1/4" (6 mm) tempered glass. You can also send our Shower Technical Sales Department a drawing of the enclosure. They will be happy to quote a custom unit.

SPECIFICATIONS:
Material: Extrusions (Aluminum); Towel Bar (Brass Tubing); Knob (Solid Brass)
Glass Thickness: 1/4" (6 mm) (Glass not included)
Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center; Knob – One 1/2" (12 mm) Diameter Hole
Maximum Recommended Size: Not to exceed 60" W x 72" H (1.52 x 1.83 m)

COMPONENT DESCRIPTION	LENGTH	BRITE ANODIZED CAT. NO.	BRITE GOLD ANODIZED CAT. NO.	BRUSHED NICKEL CAT. NO.	OIL RUBBED BRONZE CAT. NO.
Header	60" (1.52 m)	EK61BA	EK61BGA	EK61BN	EK610RB
Header	121" (3.07 m)	EK61121BA	EK61121BGA	EK61121BN	EK611210RB
Exterior Top Hanger	---	EK670BA	EK670BGA	EK670BN	EK6700RB
Interior Top Hanger	---	EK671BA	EK671BGA	EK671BN	EK6710RB
Bottom Sill*	72" (1.83 m)	DK63BA	DK63BGA	DK63BN	DK630RB
Bottom Sill*	144" (3.66 m)	DK63144BA	DK63144BGA	DK63144BN	DK631440RB
Side Jamb*	80" (2.03 m)	DK65BA	DK65BGA	DK65BN	DK650RB
Side Jamb*	144" (3.66 m)	DK65144BA	DK65144BGA	DK65144BN	DK651440RB
Bottom Guide*	---	DK6914	DK6914	DK6914	DK6914
Towel Bar*	24" (610 mm)	BMNW24CH	BMNW24BR	BMNW24BN	BMNW240RB
Knob*	---	SDKP112CH	SDKP112BR	SDKP112BN	SDKP1120RB
Hardware Package	---	EK68B	EK68G	EK68B	EK68BL

Minimum order: 1 each. *Common to both EK and DK Series. Finishes can be combined for quantity pricing. 144" (3.66 m) length must ship common carrier, or may be cut for UPS. Cutting charge will apply.

CRL "MK" Series Sliding Shower Door Kits

USE MONOLITHIC TEMPERED GLASS



- For 1/4" or 3/8" (6 or 10 mm) Thick Tempered Glass
- Roller System Provides Smooth Gliding Panels With the Touch of a Finger
- Bonded Hanger System for Easy Installation
- Bolt-Through Hanger System Available on Special Order
- Custom Units Available

Our "MK" Series Frameless Slider Kits provide all the Header, Top Hanger Rail, Bottom Track, and Side Jamb extrusions necessary for installation, as well as a 24" (610 mm) Towel Bar, Knob, Rollers, Guide, and Installation Hardware. The tempered glass and silicone sealer are supplied by the installer. The easy to clean Bottom Track utilizes a center mounted guide. Each rolling panel has two self-leveling roller brackets and four premium quality rollers for quiet effortless panel movement. Available in custom sizes, configurations, and finishes on special order.

SPECIFICATIONS:
Material: Extrusions (Aluminum); Towel Bar and Knob (Solid Aluminum)
For Glass Thickness: 1/4" or 3/8" (6 or 10 mm) (Glass not included in kit)
Stock Sizes Include: Aluminum Extrusions, 24" (610 mm) Towel Bar, Knob, Hardware Package, and Installation Instructions
Glass Fabrication: Towel Bar – Two 1/2" (12 mm) Diameter Holes, 24" (610 mm) Center-to-Center, Knob – One 1/2" (12 mm) Diameter Hole

COMPLETE "MK" SERIES SLIDING SHOWER KITS FOR 1/4" (6 MM) GLASS

CAT. NO.	SIZE (WIDTH X HEIGHT)	FINISH
S146060BA	60" x 60" (1.52 x 1.52 m)	Brite Anodized
S146060BN	60" x 60" (1.52 x 1.52 m)	Brushed Nickel
S146072BA	60" x 72" (1.52 x 1.83 m)	Brite Anodized
S146072BN	60" x 72" (1.52 x 1.83 m)	Brushed Nickel

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

COMPLETE "MK" SERIES SLIDING SHOWER KITS FOR 3/8" (10 MM) GLASS

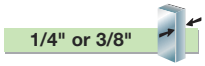
CAT. NO.	SIZE (WIDTH X HEIGHT)	FINISH
S386060BA	60" x 60" (1.52 x 1.52 m)	Brite Anodized
S386060BN	60" x 60" (1.52 x 1.52 m)	Brushed Nickel
S386072BA	60" x 72" (1.52 x 1.83 m)	Brite Anodized
S386072BN	60" x 72" (1.52 x 1.83 m)	Brushed Nickel

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

"MK" EXTRUSIONS AND ACCESSORIES

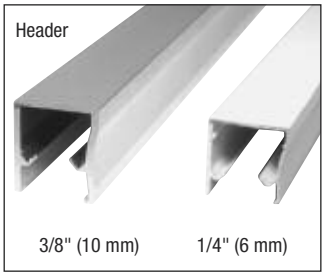
3/8" GLASS CAT. NO.	1/4" GLASS CAT. NO.	DESCRIPTION	FINISH
H72BA	H7214BA	72" (1.83 m) Header	Brite Anodized
H72BN	H7214BN	72" (1.83 m) Header	Brushed Nickel
TR72BA	TR7214BA	72" (1.83 m) Top Hanger Rail	Brite Anodized
TR72BN	TR7214BN	72" (1.83 m) Top Hanger Rail	Brushed Nickel
BT72BA Δ	BT72BA Δ	72" (1.83 m) Bottom Track	Brite Anodized
BT72BN Δ	BT72BN Δ	72" (1.83 m) Bottom Track	Brushed Nickel
SJ72BA Δ	SJ72BA Δ	72" (1.83 m) Side Jamb	Brite Anodized
SJ72BN Δ	SJ72BN Δ	72" (1.83 m) Side Jamb	Brushed Nickel
HP38BA	HP14BA	Hardware Package Only *	Brite Anodized
HP38BN	HP14BN	Hardware Package Only *	Brushed Nickel

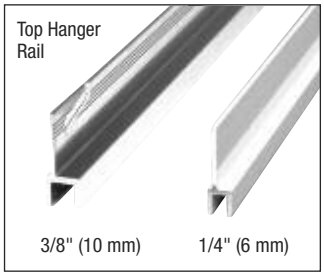
Minimum order: 1 each. *Hardware Package does not include Towel Bar or Knob. ΔThe same Bottom Track and Side Jamb may be used for either 1/4" (6 mm) or 3/8" (10 mm) glass.

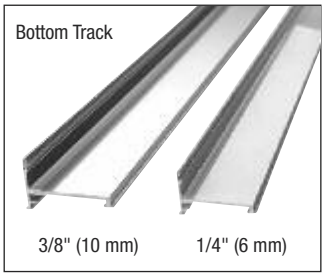


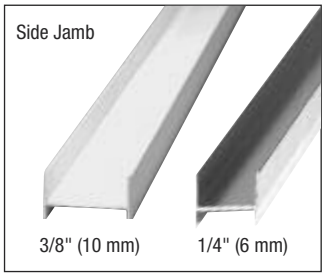
MORE INFORMATION crlaurence.com

- Components Available Separately If You Want to Build Your Own Units





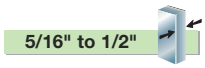




CRL Designer Series Through-Glass Robe Hook



- Requires 1/2" (12 mm) Diameter Hole in Glass, or May Be Adhered Using UV Adhesive
- Available in Several Popular Finishes





This solid brass Designer Series Through-Glass Robe Hook is available in many popular finishes. Adjusts for through-glass mounting installations for 5/16" to 1/2" (8 to 12 mm) glass. A 1/2" (12 mm) diameter hole is required.

The Hook may also be adhered to any glass thickness with UV Adhesive (see page SD159) to avoid drilling a hole in the glass, or mounted to wall with supplied Hanger Bolt. Clear gaskets are included.



MORE FINISHES crlaurence.com

CAT. NO.	FINISH
DRH1CH	Polished Chrome
DRH1BR	Polished Brass
DRH1BN	Brushed Nickel
DRH1PN	Polished Nickel
DRH10RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. Can be combined with other Robe Hooks for quantity pricing.

CRL Designer Series Sleeve-Over Robe Hook



- Mounts on Top of 5/16" to 1/2" (8 to 12 mm) Thick Tempered Glass
- Available in Several Popular Finishes
- No Holes Required





The solid brass Designer Series Sleeve-Over Robe Hook mounts on the top of 5/16" to 1/2" (8 to 12 mm) glass without the need for drilling or notching the glass. It can be positioned anywhere you want along the top of the glass, and is secured in place by tightening a nylon-tipped Allen set screw. Clear gaskets are included.

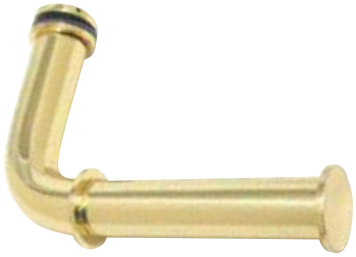


CAT. NO.	FINISH
S0RH1CH	Polished Chrome
S0RH1BR	Polished Brass
S0RH1BN	Brushed Nickel
S0RH1PN	Polished Nickel
S0RH10RB	Oil Rubbed Bronze

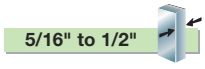
MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each. Can be combined with other Robe Hooks for quantity pricing.

CRL Deluxe Tissue Paper Roll Holder



- Attractive and Unique Tissue Roll Holder Made of Solid Brass
- Ideal for Securing Through 5/16" to 1/2" (8 to 12 mm) Thick Fixed Enclosure Panel
- Requires 1/2" (12 mm) Diameter Hole in Glass





Our Deluxe Tissue Paper Roll Holder is made of solid brass in beautiful designer finishes. This unique design provides an ideal method for securing the Deluxe Tissue Holder through fixed glass enclosure panels. A 1/2" (12 mm) diameter hole is required for installation.



CAT. NO.	FINISH
TPH1CH	Polished Chrome
TPH1BR	Polished Brass
TPH1BN	Brushed Nickel
TPH10RB	Oil Rubbed Bronze

MORE FINISHES Available Online at **crlaurence.com**

Minimum order: 1 each.

CRL Acrylic Mirror Toilet Paper Holder

- Powerful Adhesive Base
- Heavy-Duty and Completely Functional

MORE CHOICES crlaurence.com



CAT. NO. MPHC11

This Acrylic Mirror Toilet Paper Holder has strong adhesive on the base which makes this product very easy to install. The Holder has a beautiful, clear reflective finish that provides a complete mirrored look for the bathroom. Minimum order is one each.

CRL Pinnacle Series Glass Shelf

- Styled to Complement Enclosures Using Pinnacle Series or Other Beveled Cornered CRL Hinges
- Available in Three Popular Finishes



Beautiful 5/16" (8 mm) thick tempered glass shelf has polished flat arris edge, and measures 18" x 5" (457 mm x 127 mm). Supported by two Pinnacle style wall-mounted brackets with concealed fasteners.

CAT. NO.	FINISH
P1N812CH	Polished Chrome
P1N812BR	Polished Brass
P1N812BN	Brushed Nickel

Minimum order: 1 each. Can be combined for quantity pricing.

CRL Acrylic Finger Pull With Screw

- Durable and Long Lasting
- Easy to Install



CAT. NO. 37P

The Clear Acrylic Finger Pull with Screw is an extremely functional door pull designed for cabinets or showcases. The Clear Acrylic Pull is both attractive and very durable. Measures 1" (25 mm) long x 3/4" (19 mm) in diameter. Requires a 3/8" (10 mm) hole for installation. Maximum panel thickness with supplied screw is 3/8" (10 mm). Minimum order is one each.

CRL Acrylic Whistle Pull With Screw

- Handy Finger Grip
- Screws on Easily

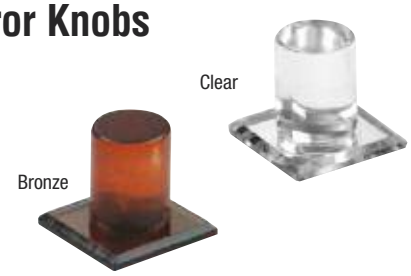


CAT. NO. AP6110

This Acrylic Whistle Pull Knob is perfectly suited for use on drawers and cabinet doors. Its subtle design and clean, clear acrylic color complements mirrored surfaces. Measures 1" (25 mm) long x 5/8" (16 mm) in diameter. Supplied screw accommodates panels from 1/2" to 3/4" (12 to 19 mm) thick. Minimum order is one each.

CRL Acrylic Mirror Knobs (Stick-On Type)

- Satin Bevel
- Just Peel and Apply



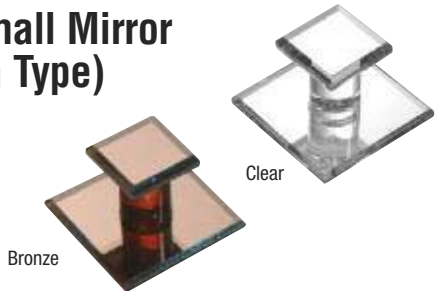
Acrylic Mirror Knobs designed for sliding mirror cabinet doors are one of our most popular products. High quality pressure sensitive adhesive will easily attach to most smooth surfaces. No holes to drill, just peel and apply directly to the glass.

CAT. NO.	BASE SIZE	COLOR
MKC1	1" x 1" (25 x 25 mm)	Clear
MKB2	1" x 1" (25 x 25 mm)	Bronze

Minimum order: 1 each. All Mirror Pulls and Knobs can be combined for quantity pricing.

CRL Acrylic Small Mirror Pulls (Stick-On Type)

- Polished Bevel
- Easy to Install



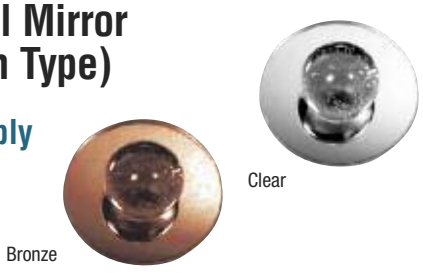
Acrylic Small Mirror Pulls are very easy to install. No holes to drill, just simply peel off the protective paper and apply directly to glass, mirror or non-porous surface. Available in clear or bronze.

CAT. NO.	BASE SIZE	COLOR
SMPC3	1-3/4" x 1-3/4" (44 x 44 mm)	Clear
SMPB4	1-3/4" x 1-3/4" (44 x 44 mm)	Bronze

Minimum order: 1 each. All Mirror Pulls and Knobs can be combined for quantity pricing.

CRL Acrylic Ball Mirror Knobs (Stick-On Type)

- Just Peel and Apply
- Ideal for Sliding Doors



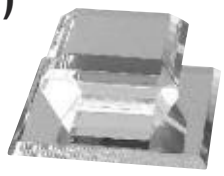
Acrylic Ball Mirror Knobs are designed for sliding mirror doors. High quality pressure sensitive adhesive will easily attach to most smooth surfaces. No holes to drill, just peel and apply directly to glass.

CAT. NO.	BASE SIZE	COLOR
3401707	2 (51 mm) Diameter	Clear
3401708	2 (51 mm) Diameter	Bronze

Minimum order: 1 each. All Mirror Pulls and Knobs can be combined for quantity pricing.

CRL Acrylic Hand Cut Square Mirror Pull (Stick-On Type)

- Polished Bevel
- Just Peel and Apply



MORE CHOICES crlaurence.com

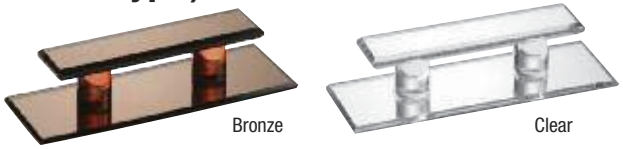
CRL Acrylic Hand Cut Square Mirror Pull will definitely please designers and customers alike. It is slightly larger than regular pulls, giving it a distinctive look, while providing an easier grasp. Hand cut and hand polished. Self-stick backing easily applies on glass, mirrors and other smooth surfaces.

CAT. NO.	BASE SIZE	COLOR
3401710	2" x 2" (51 x 51 mm)	Clear

Minimum order: 1 each. All Mirror Pulls and Knobs can be combined for quantity pricing.

CRL Acrylic Large Mirror Pulls (Stick-On Type)

- Just Peel and Apply
- Polished Bevel



This Acrylic Large Mirror Pull has a pressure sensitive adhesive for easy application. No holes to drill, simply peel off the protective backing paper and apply directly to glass, mirror or other smooth surfaces.

CAT. NO.	BASE SIZE	COLOR
LMPC5	5"" x 1-3/4" (127 x 44 mm)	Clear
LMPB6	5"" x 1-3/4" (127 x 44 mm)	Bronze

Minimum order: 1 each. All Mirror Pulls and Knobs can be combined for quantity pricing.

CRL Acrylic Mirror Finger Pull (Stick-On Type)

- Ideal for Sliding Doors
- Just Peel and Apply



This Clear Acrylic Mirror Finger Pull is an excellent choice for sliding mirror cabinet doors since there is no protrusion to impede doors that bypass one another. There is a self-adhesive foam backing which holds it securely to smooth glass or mirror surfaces.

CAT. NO.	BASE SIZE	COLOR
MFPC8	1" x 3" (25 x 76 mm)	Clear

Minimum order: 1 each. All Mirror Pulls and Knobs can be combined for quantity pricing.

CRL Superior Squeegees

- Dual 10" Blades in an 8" Handle
- Two Colors With Chrome Caps









Superior Squeegees have decorative end caps on white or black wiping blades and handles. This upscale combination of function and design makes it easy to wipe water spots from glass, tile, and marble surfaces. Dual 10" (254 mm) blades are held in an 8" (203 mm) handle.

CAT. NO.	HANDLE COLOR	CAP COLOR
SQBC1	Black	Chrome
SQWC1	White	Chrome

Minimum order: 1 each. Squeegees can be combined for quantity pricing.

CRL Deluxe Shower Squeegee

- Chrome Handle With 10" Wide Gray Blade
- Includes Vacuum Cup Hook That Requires No Drilling
- Private Label Available



MORE CHOICES crlaurence.com

Our Deluxe Shower Squeegee has a chrome plated, zinc diecast handle that is rust and tarnish free. The polished stainless steel blade holder secures a 10" (254 mm) wide gray colored blade that effectively removes water spots and soap film. The blade is reversible to extend its service life. The Squeegee hangs on an attractively designed vacuum cup hook that installs easily without drilling.

CAT. NO.	DESCRIPTION
17600	Deluxe Shower Squeegee
RB17600	Replacement Blade

Minimum order: 1 each.

CRL Crystal Clear Squeegee

- Crystal Clear Appearance Blends Beautifully With Glass
- Stainless Steel Blade Holder With 10" Rubber Blade
- Includes Strong Suction Cup Holder for Handy Storage



The Crystal Clear Squeegee can be used after each shower to quickly wipe glass to a spot-free finish. The stylish, ergonomically designed handle is made of durable acrylic, and the stainless steel blade holder has a gray 10" (254 mm) rubber blade. The Crystal Clear Squeegee will be rust and tarnish free, and comes with a strong suction cup holder for convenient storage.

CAT. NO.	DESCRIPTION
CCS1	Crystal Clear Squeegee

Minimum order: 1 each.

CRL Extendable Handle Squeegee

- Durable Rust-Proof Aluminum With 10" Rubber Blade
- Handle Extends to 18"
- Includes Strong Suction Cup Holder for Handy Storage



The Extendable Handle Squeegee has a telescopic handle that goes from 12" to 18" (305 to 457 mm) in overall length. Finish is silver chrome, and comes with a strong suction cup holder for convenient storage.

CAT. NO.	DESCRIPTION
17900	Extendable Handle Squeegee

Minimum order: 1 each.

CRL Glass Cleaner

NO AIR FREIGHT

1973 Glass Cleaner, a long time favorite of CRL customers, is a low-ammoniated glass cleaner with effective agents and a pleasant aroma. Excellent for all glass and mirror surfaces. 19 ounce (539 gm) aerosol can. Minimum order one case. 12 cans per case. Can be combined with other cases of Glass Cleaner for quantity pricing.



CAT. NO. 1973

CRL Sparkle Stain Remover

"Sparkle" Stain Remover does those glass cleaning jobs too tough for spray-on cleaners. It removes light water spots and stains in glass caused by weather, sea air or pollution; also removes soap scum from shower doors and ceramic tile. Wipe on with a damp cloth or paper towel, rub stained areas, then wipe off. 8 ounce (236 ml) bottle. Minimum order is one each. Can be combined with other individual Cleaners and Lubes for quantity pricing.



CAT. NO. SP101

CRL Bio-Clean Water Stain Remover

- **Works Great on Shower Doors, Windows, Tile, Fiberglass, Chrome, Porcelain, Anodized Brass and Aluminum, and Stainless Steel**

Professional strength cleaner successfully used in hospitals, nursing homes, hotels, and other facilities with difficult to clean surfaces. Apply to surface with a dry cloth, sponge, brush, or oscillating buffer. Press firmly to loosen stain with a rubbing action, then just rinse with water until residue free. 16 ounce (473 ml) bottle. Ask about our Cat. No. WSR1P 5-pack demo pouch.

MORE INFORMATION crlaurence.com



CAT. NO. WSR1

CRL Lint Free Glass Wipes



CAT. NO. BX15



CAT. NO. K73900

Highly absorbent Lint Free Paper Wipes clean glass and mirror surfaces without leaving any residue. Convenient pop-up dispenser box holds 150 wipes. Wipes measure a big 9-3/4" x 16-1/2" (248 x 419 mm). Minimum order is one box.

Cat. No. K73900 Wall Mounted Holder is for use with BX15 Glass Wipes. The Wipes box has a perforated edge that allows it to fit tightly on the bracket, which must be fastened securely to the wall. Mounting screws, wall anchors, and double-faced tape patches included.

CRL TPC Surface Protector

NO AIR FREIGHT

TPC Surface Protector seals the pores of glass, porcelain, ceramic, and marble to make the surface water, soil, and stain resistant. A transparent polymer coating (TPC) guards against the adhesion and build-up of dirt, grime, mold, mildew, rust, and mineral deposits. Simply wipe on and polish off. 16 ounce (473 ml) pump spray bottle.



CAT. NO. TPC16



CAT. NO. TPC16P

The TPC16P Pouch of five towelettes is ideal for customer demonstrations. Once they see how well TPC16 works they will be sure to order the larger bottles.

CRL Micro Fiber Wipes

- **Streak Free Cleaning on Shower Doors and Mirrors**
- **Washable Up to 500 Times**



CAT. NO. MFW2

Micro Fiber Wipes have thousands of microscopic fibers that trap dirt and grime to increase cleaning effectiveness and reduce cleaning and drying times. Our large 16" x 16" (406 x 406 mm) size takes on big cleaning, waxing, polishing, and dusting jobs. Sold by the pack. Two wipes per pack.

Autosol is a registered trademark of Autosol International GmbH.

CRL Autosol® Shine Metal Cleaner

- **Polishes All Metal Surfaces**
- **Ideal for Shower Door Hardware**



CAT. NO. 1188AS

Autosol® Shine cleans, restores, and polishes all metal surfaces. Protects against corrosion and tarnishing. Ideal for cleaning and maintaining CRL Shower Door Hardware. 2.5 ounce (75 ml) tube. Minimum order is one each.

CRL Frameless Assist Shower Door Panel Clamp

GLAZIER INVENTION

- Holds Fixed Panels and Doors in Perfect Alignment
- Works With 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- Clear Construction Keeps All Points Visible
- Adjustable for 90 Degree, 180 Degree or "T" Configurations





CAT. NO. FA3W

The Frameless Assist Shower Door Panel Clamp is another in a long line of tools developed by, and for, professional glaziers. It helps you maintain precise, even spacing in door to fixed panel assemblies, whether in 180 or 90 degree installations.

Tool arrives configured for 3/8" (10 mm) glass. Simply loosen the four rear knobs, insert the 1/8" (3 mm) spacer plate to change over to 1/2" (12 mm) glass. Use in conjuction with Cat. No. MAT1 (shown below), for the most precise panel installation ever. Minimum order is one each.

CRL Frameless Blocks

- Use With 3/8" (10 mm) and 1/2" (12 mm) Thick Glass to Assist in Aligning and Leveling





Frameless Blocks are used to help with the installation of 3/8" and 1/2" (10 and 12 mm) frameless shower doors and panels. You can set your door and panels in the blocks to assist in plumbing, aligning, and leveling your glass. Adjust your height by adding setting blocks in the rails. The base is 5/16" (8 mm) thick. The opening size for 3/8" (10 mm) glass is 7/16" (11 mm) wide, and for 1/2" (12 mm) glass the opening is 9/16" (14 mm).

Frameless Blocks help to avoid chipping, flaking, and breakage while helping to reduce installation time. Installers will appreciate all of these features, as well as added safety. They can also be used to help with the installation of 3/8" and 1/2" (10 and 12 mm) commercial storefront doors and panels. Two Blocks for set.

MORE INFORMATION crlaurence.com

CAT. NO.	FOR USE WITH
FB38G	3/8" (10 mm) Glass
FB12G	1/2" (12 mm) Glass

Minimum order: 1 set.

CRL Magnetic Shower Alignment Tool

GLAZIER INVENTION

- Provides Accurate, Consistent Gaps Between Doors and Panels



CAT. NO. MAT1

This Magnetic Shower Alignment Tool can serve many butt-glazed glass applications. The tool's two spacer assemblies, placed one at the top and one at the bottom, perform in two planes. You can use it in conjunction with our new Frameless Assist Tool (see above) and our Super Shim Shower Door Levelers (see page SD157) for even faster and more precise installations. Kit includes a durable utility tool box that organizes all of the kit's components. Minimum order is one each.

CRL Armored Corner Protectors

NOT AVAILABLE IN EUROPE

- Sturdy, Reusable Corners Absorb Impact When Glass is Bumped or Dropped



CAT. NO. ACP14
For 1/4" (6 mm) Thick Glass



CAT. NO. ACP38
For 3/8" (10 mm) Thick Glass



CAT. NO. ACP12
For 1/2" (12 mm) Thick Glass



CAT. NO. ACP58
For 5/8" (15 mm) Thick Glass

These uniquely designed corners help absorb impact during transport of glass. The Corner's heel offers the maximum impact protection while the interior surfaces channel away impact energy from the surface of the glass. Edges have cut-outs to allow strap or tie-down fastening. Minimum order is 12 each.

CRL Roller Blocks

- Rotate and Support Heavy Glass Panels With Ease
- Turn Over to Use as a Set of Resting Blocks
- Rubber Base Ensures Traction





CAT. NO. RB200

CRL Roller Blocks are made from extremely strong, high-density polyethylene so they won't chip or scratch the glass. They are especially useful for tipping large, heavy sheets of glass 90 degrees vertically. Rubber pads placed inside and outside prevent slippage and provide traction for tipping. Maximum weight per Block is 400 lbs. (181 kg). Minimum order is one pair.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Super Shim Shower Door Leveler

- Easy Adjustable Micro Leveling
- Eliminates Stacks of Wood or Plastic Shims

Super Shim is a micro adjustment device which will lift and level any shower door, ensuring a precise alignment every time.

Super Shim lifts the door panel by way of a threaded adjustment bolt: Turn the bolt clockwise and raise the panel.
When used in conjunction with a level, Super Shim will eliminate the phrase "close enough" from every shower door installer's vocabulary.

Super Shim is manufactured with non-slip materials which prevent damage to tile or glass. Each Super Shim is 2-1/4" (57 mm) wide and 2-1/4" (57 mm) tall. The thickness of the portion the glass sits on is 3/16" (5 mm). Product is designed to work only with 3/8" and 1/2" (10 and 12 mm) glass. Sold in pairs. Minimum order is one pair. Replacement Wrench is Cat. No. SS2LW.

CRL US ALUMINUM MANUFACTURED IN THE USA







CAT. NO. SS2L

CRL Plumb/Level Finder Gauges

- Use With Your Level to Determine "Out-of-Plumb"
- Five Individual Thickness Gauges

This handy set of Plumb/Level Finder Gauges makes it simple to determine the amount of distance a wall or floor is "out-of-plumb" when using your bubble vial level. Set includes; 1/16", 1/8", 3/16", 1/4" and 3/8" (1.6, 3.2, 4.8, 6.4 and 9.5 mm) thick neoprene gauges. Simply hold the level tight against a horizontal or vertical surface. True the level and use the thickness gauges to determine the amount out of level or plumb the surface is at that point. You can combine gauges when necessary for gaps exceeding 3/8" (9.5 mm). Minimum order is one each.

MORE INFORMATION crlaurence.com





CAT. NO. PLF1

CRL Electronic Level and Angle Locator With Digital Display

- Front Laser Beam for Quick Transference of Reference Points
- LCD Displays Level or Angle
- Audible Indicator



CAT. NO. 406065

The Electronic Level is the most advanced Level and Angle Finder in the industry. The bright and clear LCD indicator shows both degrees of level or percent of level; at the same time when the pivot arm is lifted the indicator reads degrees of angle. When turned upside down to determine the level of a header or overhead beam, the LCD screen automatically inverts right-side-up for easy reading. It also features an audible tone when the unit is in perfect level or plumb. Unit is easily field calibrated for level, and the entire tool operates on just 3 "AA" batteries (included). Minimum order is one each.

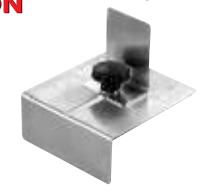
CRL Perfect Reveal Tool

- Establish and Maintain Perfect Reveal Depth
- Easy to Adjust
- Non-Marring Bottom Cushions

GLAZIER INVENTION







CAT. NO. PR2S

The Perfect Reveal Tool allows the installer to preset and repeat the reveal depth for all panels in any frameless shower enclosure installation. Single knob allows vertical glass stop to be adjusted and set for correct depth. Dimensional scales are etched into the stainless steel body. Non-marring surface gripping cushions on bottom of tool protect the curb and prevents movement or slippage. Sold in pairs. Minimum order is one pair.

CRL Clear Plastic Setting Blocks

- Widely Used in Frameless Shower Installations
- Six Handy Sizes



Clear Plastic Setting Blocks are used for leveling fixed glass panels in frameless shower enclosures. Transparent blocks help maintain attractive appearance. 1/4" wide x 2" long (6 x 51 mm).

CAT. NO.	THICKNESS
PSB040	.040" (1 mm)
PSB080	.080" (2 mm)
PSB125	1/8" (3 mm)
PSB156	5/32" (4 mm)
PSB250	1/4" (6 mm)
PSB375	3/8" (10 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Can be combined with other Neoprene Setting Blocks for quantity pricing.

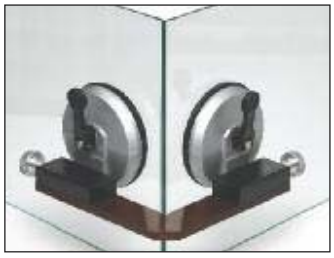
CRL 90 Degree Suction Holders

- **Suction Cups Hold Glass Firmly in Place While Adhesive Cures**
- **Holds Glass Pieces at 90 Degrees**
- **Perfect for Frameless Shower Installations**

These 90 Degree Suction Holders grip glass on the inside surfaces at a fixed 90 degree angle. Height and position can be adjusted up to 11/16" (18 mm) by knobs located on each arm for precise UV adhesive application. Glass pieces are held firmly in place by rubber suction cups measuring 4-3/4" (120 mm) diameter until they are bonded . Minimum order is one each.



CAT. NO. UV280
Inside Surface Holder



CAT. NO. UV281
Outside Surface Holder

CRL 90 Degree Clamp-It Assembly Square Kits

- **Holds Glass Pieces at Fixed 90 Degree Angle**
- **Cost-Effective Method for Holding Tempered Glass Surfaces in Place**

These 90 Degree Clamp-It Assembly Square Kits allow you to align, hold, and clamp glass securely in place while bonding with UV or silicone adhesives. Both six-piece Kits come complete with two assembly squares and four steel bar clamps with a 3/4" (19 mm) throat depth. The squares are manufactured from high-impact, rigid polycarbonate to ensure strength and accuracy. The steel bar clamps feature an ergonomic handle with a friction fit for quick and easy one-handed operation. Two Kits to choose from.



CAT. NO. UV69954
Clamp-It Kit



CAT. NO. UV69962
Mini Clamp-It Kit

CAT. NO.	SQUARE SIZE	BAR CLAMP SIZE
UV69954	8" x 8" x 1-1/2" (203 x 203 x 38 mm)	5" (127 mm)
UV69962	4" x 4" x 1-1/4" (102 x 102 x 32 mm)	4" (102 mm)

Minimum order: 1 each.

CRL Adjustable Angle Suction Holder

- **Holds Glass Pieces From Inside or Outside Surface While Adhesive Cures**
- **Adjustable Between 40 and 300 Degrees**



CAT. NO. UV282

This Adjustable Angle Suction Holder grips glass from outside or inside surfaces, and can be fixed at a desired angle of 40 to 300 degrees. Height and position can be adjusted up to 11/16" (18 mm) by knobs located on each arm. Glass is held firmly in place with 4-3/4" (120 mm) diameter rubber suction pads until the surfaces are firmly bonded. Minimum order is one each.

CRL Hand Held Vacuum Lifters

- **Pump-Up or Lever Activated in Many Convenient Sizes**
- **Metal Handles or Lightweight Plastic**



CAT. NO. S338



CAT. NO. 05062P

MORE INFORMATION crlaurence.com



CAT. NO. S7950

See Our Full Selection of Vacuum Lifters at **crlaurence.com/lifters**

CRL Frameless Shower Super Kit

- **Convenient Kit Containing Numerous Items for a Professional Installation**

This Frameless Shower Super Kit provides the professional installer with a good selection of tools to assist with frameless shower door installs.



CAT. NO. FSSK1

FSSK1 FRAMELESS SHOWER SUPER KIT CONSISTS OF ONE EACH OF THE FOLLOWING UNLESS NOTED OTHERWISE:

CAT. NO.	DESCRIPTION
FA3W	Frameless Alignment Tool
GRT14	1/4" Granite Drill Bit (5 Each)
GRT316	3/16" Granite Drill Bit (5 Each)
MAT1	Magnetic Alignment Tool
PLF1	Plumb/Level Gauge Set
PR2S	Perfect Reveal Tool (1 Pair)
SS2L	Super Shim Leveler (1 Pair)
UV282	Adjustable Suction Clamp
T1418	Tool Box With Tray

Minimum order: 1 each.

CRL Point and Line Laser Tools

- **3 Point, 5 Point, and Continuous Line Models Establish Plumb, Level, and Square**
- **Self-Leveling With 1/4"-20 Tripod Mount**

MORE CHOICES crlaurence.com

This PLS Laser Series represents the finest in laser technology for the shower door professional. The three point PLS3 gives you vertical plumb and square to plumb line. The five point PLS5 provides vertical plumb points as well as horizontal square points front, left, and right. The PLS180 emits a solid line vertically or horizontally, or both at the same time. All three units are self-leveling and the lights shut down once the tool is tipped 6 to 8 degrees off level.

Each has a 1/4"-20 threaded socket built into the bottom of the housing for use with any common camera tripod. The PLS180 is especially useful when laying out the bathroom mirrors as well as the shower enclosure: no need for marks on the wall of the subjective reading of a bubble level. Just measure to the red line in each quadrant. Minimum order is one each.



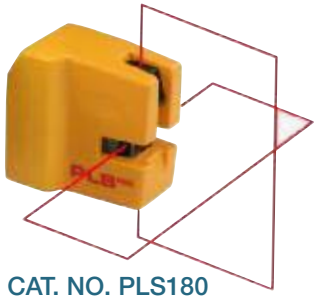
CAT. NO. PLS3

Ask for your free copy of ST14, which contains many more shower door installation tools





CAT. NO. PLS5



CAT. NO. PLS180

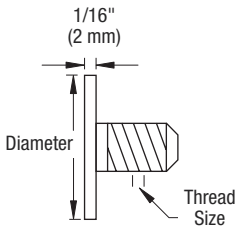
CRL UV Threaded Adapters

- **Allow You to Adhere Standoffs, Knobs, Pulls, and Towel Bars to Glass Without Drilling Holes**
- **Fabricated From 316 Stainless Steel**
- **Available in Three Popular Thread Sizes**

CRL's UV Threaded Adapters will not only substantially expand your UV business and glass hardware opportunities, but will also save glass fabrication time and expense. Use the Adapters to install glass signage using standoff bases, knobs for glass door cabinets or showers, towel bars or handles without drilling holes. Quickly and easily mount hardware in either new construction or existing installations using CRL's large selection of compatible hardware and UV adhesives, curing lamps, fixation devices, and cleaning supplies.

UV Adapters are available in six different diameters and three thread sizes to accommodate almost any requirement. UV Adapters have a bonding plate thickness of 1/16" (2 mm). For additional information regarding hardware that can be used with our UV Adapter, contact CRL Customer Service.







CAT. NO.	DIAMETER	THREAD SIZE
UV34ADP	3/4" (19 mm)	1/4"-20 UNC
UV1ADP	1" (25 mm)	1/4"-20 UNC
UV1316ADP	1-3/16" (30 mm)	1/4"-20 UNC
UV114ADP	1-1/4" (32 mm)	5/16"-18 UNC
UV112ADP	1-1/2" (38 mm)	3/8"-16 UNC
UV2ADP	2" (51 mm)	3/8"-16 UNC

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL UV703 High Viscosity UV Adhesive

- **Use to Adhere All-Glass Showcases, Shelves, Furniture, Handles, Towel Bars, Knobs, and Standoff Bases**
- **Optically Clear**



See all of our UV Adhesives and more in our GB10 Catalog.

UV703 Adhesive does not have capillary properties, therefore it must be applied to the bonding surface prior to assembling the parts. Ideal for bonding Glass Door Knobs or Metal Towel Bars in frameless shower door installations.

Bonds prepared with UV703 are optically clear as well as resistant to moisture and yellowing. The speed of cure depends on the UV intensity of your UV Lamp as measured at the product surface, as well as the adhesive depth. UV703 has outstanding ability to cure through large gaps, and cures to a hard surface that is transparent. Store adhesive away from sunlight.

SPEC. DATA ONLINE

MSDS ONLINE

VIDEO





CAT. NO.	CONTENTS
UV70330	30 g
UV70310	100 g
UV70325	250 g
UV7031K	1000 g

Minimum order: 1 each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Super Grooved Granite, Marble, and Tile Drill Bits

NEW!

- **Especially Suited for Drilling Granite, Marble, and Tile**
- **Designed for Hammer or Rotary Drills Only**



Carbide Tip



CRL Super Grooved Tip Granite, Marble, and Tile Drill Bits are especially suited for drilling small holes in stone and tile. Works on porcelain tile as well as ceramic tile, however porcelain tile will shorten the life of the drill.

CAT. NO.	HOLE SIZE	SHANK	LENGTH
GRT18S	1/8" (3 mm)	7/64" (3 mm)	3" (76 mm)
GRT316S	3/16" (4 mm)	11/64" (4 mm)	3" (76 mm)
GRT14S	1/4" (6 mm)	15/64" (6 mm)	4" (102 mm)
GRT38S	3/8" (10 mm)	11/32" (9 mm)	5" (127 mm)

Minimum order: 1 each. Can be combined with other Masonry Drills for quantity pricing.

GROO-V Tip® Granite, Marble, and Tile Drill Bits

- **Very Popular Bits for Drilling Granite Marble, and Tile**
- **For Use With Rotary and Hammer Drills Only**



Carbide GROO-V Tip®



GROO-V Tip® Granite, Marble, and Tile Drill Bits are especially suited for drilling small holes when used with percussion or rotary drill machines only.

CAT. NO.	HOLE SIZE	SHANK	LENGTH
GRT18	1/8" (3 mm)	7/64" (3 mm)	3" (76 mm)
GRT316	3/16" (4 mm)	11/64" (4 mm)	3" (76 mm)
GRT14	1/4" (6 mm)	15/64" (6 mm)	4" (102 mm)
GRT38	3/8" (10 mm)	11/32" (9 mm)	5" (127 mm)

Minimum order: 1 each. Can be combined with other Masonry Drills for quantity pricing.

CRL Expanding Plastic Anchors

- **Use in Concrete, Tile or Marble**
- **Size Color Coding**
- **Eight Different Sizes for Screws From #4 to #16**

MORE CHOICES crlaurence.com



Screw Sizes: 4-5-6



Screw Sizes: 7-8-9



Screw Sizes: 10-12



Screw Sizes: 14-16

These popular CRL Expanding Plastic Anchors are ideal for a secure installation of shower door hinges, clamps, and extrusions. Their color-coding makes picking the right size easy. Unaffected by moisture, so they resist corrosion and will maintain their firm grip.

CAT. NO.	SCREW SIZE	DRILL HOLE	LENGTH	COLOR
EXP2002	4 – 5 – 6	3/16" (5 mm)	1" (25 mm)	White
EXP2003	7 – 8 – 9	15/64" (6 mm)	1" (25 mm)	Red
EXP2005	10 – 12	1/4" (6 mm)	1" (25 mm)	Green
EXP2006	10 – 12	1/4" (6 mm)	1-1/4" (32 mm)	Green
EXP2007	10 – 12	1/4" (6 mm)	1-1/2" (38 mm)	Green
EXP2008	10 – 12	1/4" (6 mm)	2" (51 mm)	Green
EXP2009	14 – 16	5/16" (8 mm)	1" (25 mm)	Blue
EXP2010	14 – 16	5/16" (8 mm)	1-1/2" (38 mm)	Blue

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Mildew Resistant Silicone Sealant

- **Our Best-Selling Silicone With Special Additives to Resist Mold and Mildew**
- **Available in Three Popular Colors**



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MSDS ONLINE

Our best-selling Silicone Sealant comes in three popular colors that contain mold and mildew fighting additives. This makes them an excellent, cost-effective choice for use in tub and shower enclosures, and other bathroom installations. It cures rapidly, with excellent adhesion to withstand the extreme conditions found in a typical bathroom. Remains flexible, with no cracking or shrinking.

CAT. NO.	COLOR	CARTRIDGE CONTENTS
33SMRC	Clear	10.3 Fl. Oz. (305 ml)
33STW	Translucent White	10.3 Fl. Oz. (305 ml)
33SW	White	10.3 Fl. Oz. (305 ml)

Minimum order: 1 each. Can be combined with other Cartridge Sealants for quantity pricing.

GROO-V Tip is a registered trademark of Relton Corporation.

CRL Water Clear Silicone Sealant

- **Clear Formulation for Sealing Glass to Glass, Glass to Tile, and Glass to U-Channel**
- **Available in Two Sizes**



SPEC. DATA ONLINE

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MORE INFORMATION crlaurence.com

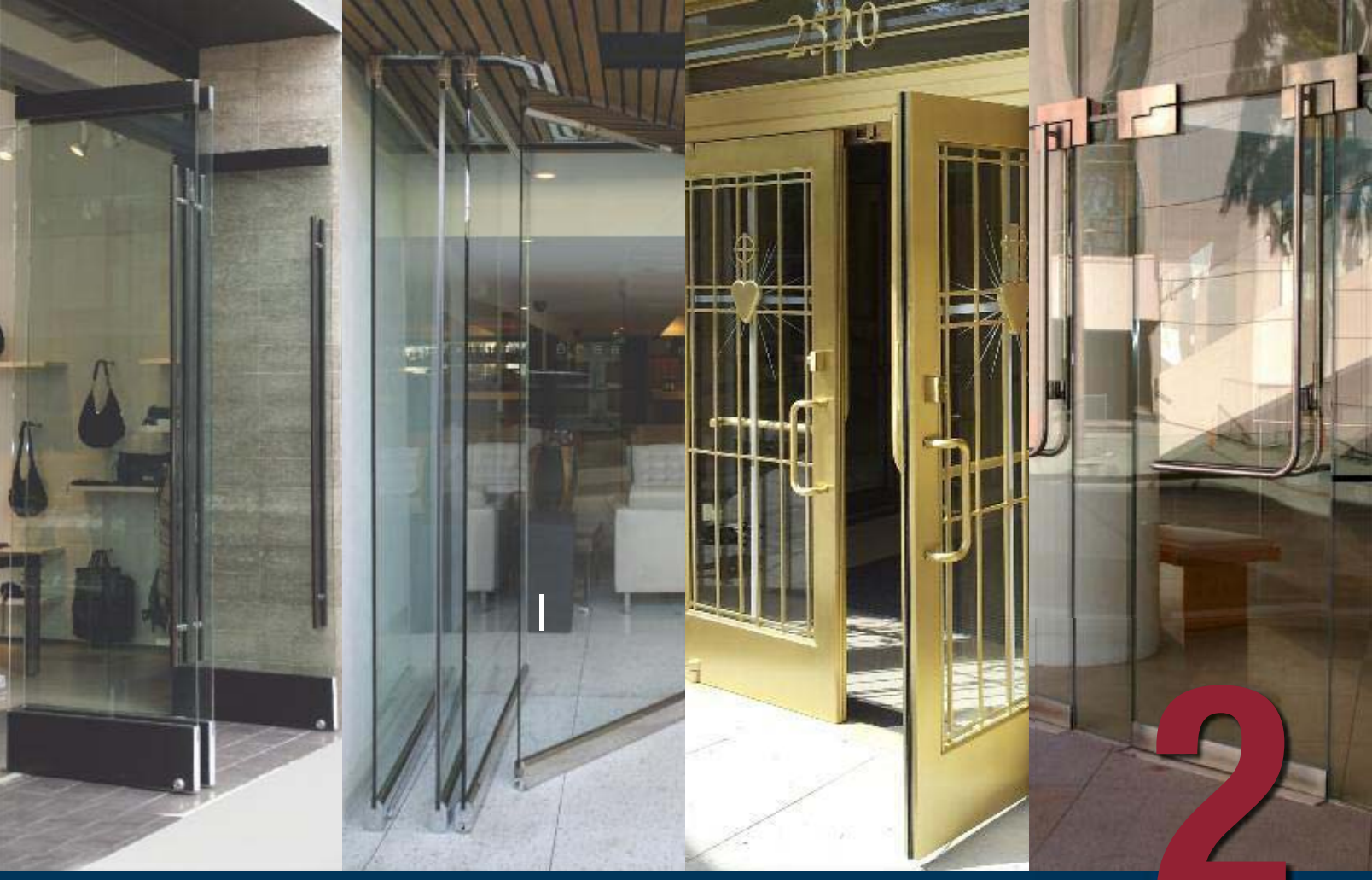
Water Clear Silicone Sealant will provide exceptional clarity, making it the ideal sealant to use in frameless shower enclosures, glass entries and partitions, specialty glass assemblies, and glass block installations. It's unique weatherability enables it to retain original design properties, even after years of exposure.
NOTE: Water Clear Silicone is not mildew resistant.

CAT. NO.	COLOR	CARTRIDGE CONTENTS
WCS1	Water Clear	10.3 Fl. Oz. (304 ml)
WCS5	Water Clear	5 Fl. Oz. (148 ml)

Minimum order: 1 each. Can be combined with other Cartridge Sealants for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM



2

Commercial Hardware

PAGES
CH001 - CH312

All-Glass Storefronts Online
Architectural Metal Systems
Balanced Doors
Blumcraft Headers and Channels
Bottom Rolling Door Systems
Center Locks and Strikes
Commercial Door Locks, Hinges, and Thresholds
Door Closers
Door Rails
Door Weatherization
Electronic Locks and Accessories
Entrance Doors
Exit Devices
Glass Awnings
Glass Channels
Glass Door Hinges
Ladder Pull Handles
Laguna Series Doors
Locking Ladder Pull Handles
Monterey Door and Wall System
Overhead Track Bi-Fold Doors
Panic, Deadbolt, and Electronic Egress Access Control Handles
Patch Hardware
Pivoting Door Systems
Push and Pull Handles
Sidelite Rails
Sliding Glass Doors
Stacking Partition System
Synchronized Glass Door Systems
Thresholds
Top Hung Glass Door Systems

CRL
US ALUMINUM
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These products and more can be found in this catalog section. On the bottom of each page are direct search instructions for viewing them on our web site. You can also enter the catalog number into the search box for a direct link to the product and others in that category. To view other products, click on the link to our Catalog Library found on the web site home page.

Products in this section can also be found in our CRL63A Architectural Hardware Master Catalog, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs**.



C.R. Laurence is ISO 9001:2008 Certified

SECTION 2 INDEX COMMERCIAL HARDWARE

For a complete index to this catalog, turn to Section 5. To search for all CRL products, go to CRL Total Search at **crlaurence.com**.

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Adams Rite Door Locks CH201-CH202
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Adams Rite Lever Handles CH205
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Adjustable Overhead Door Closers CH164-CH166, CH170-CH171
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CRL's DRS Door Rail System Features Our Patented Wedge-Lock® Glass Securing System and Our Unique Kwik-Adjust™ Pivot Alignment System

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MORE INFORMATION
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Patented Wedge-Lock®
Glass Securing System

U.S. Patents 6,434,905
and 6,912,818 B2.
Canadian Patent
2,419,706
European Patent
EP1 404 939 B1



Our patented Wedge-Lock® Glass Securing System is now even better with the Kwik-Adjust™ Pivot Alignment System that allows the installer to quickly and easily adjust the lateral alignment of the pivot centers by simply turning a single screw in either the top or bottom rail of the door. All of our 4", 6" and 10" (102, 152 and 254 mm) tall Door Rails, as well as our Patch Rails, utilize both Wedge-Lock® and Kwik-Adjust™ technologies, giving you the most versatile rail system on the market today.

Our standard rail length of 35-3/4" (908 mm) can be used on either 36" (914 mm) wide single door or 72" (1828 mm) wide double door openings, making ordering simple while reducing stocking requirements and shortening lead times.

DRS components are stocked in each of our locations throughout the U.S., Canada, Europe and Australia. And since we manufacture them ourselves, custom door rails can be fabricated for your every rail need. When it comes to quality and service, CRL is your source for Door Rails.

For additional information, go to **crlaurence.com/door-rails** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

Features of the CRL Wedge-Lock® Door Rail System

- Exclusive CRL Wedge-Lock® Glass Securing System for Rapid Installation and Steadfast Holding Power
- Door Assembly Can Be Ready for Installation in Less Than 10 Minutes
- Universal Top and Bottom Rails Cut Inventory and Make Ordering Easier
- Dry Glazing Allows for Field Replacement
- Allows Jamb Alignment Without Removing the Door
- Internal Components Do Not Require Removal Before Installation
- Rigid Single Component Housing Will Not Shift or Fall Out of Adjustment
- Glass Securing Pads Are Designed for Longevity in Extreme Environments

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USE MONOLITHIC TEMPERED GLASS

Full Length Door Rails



10", 6" and 4" (254, 152 and 102 mm) Square | 4" (102 mm) Tapered | 2-5/16" (59 mm) Low Profile Square and Tapered

Wedge-Lock® Ordering Options

- Available With or Without a Lock
- Rails Stocked for 3/8", 1/2", and 3/4" (10, 12, and 19 mm) Glass Ready to Ship
- Up to Six Stock Finishes Available in 2-5/16", 4", 6", and 10" (59, 102, 152, and 254 mm) Heights
- Custom Sizes and Finishes Also Available in as Few as 3 Days

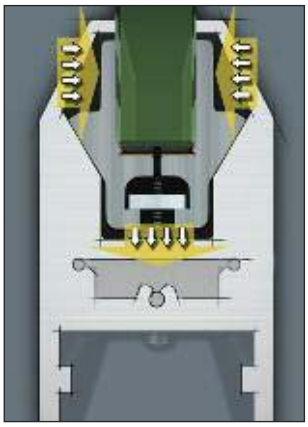
How the Wedge-Lock® Glass Securing System Works

ARCH. SPEC. ONLINE

The patented Wedge-Lock® Glass Securing System is a totally original concept for securing the glass in the Door Rail. No more fumbling with multiple pieces, trying to align them properly. No more time wasted waiting for cement to dry, or on clean up.

The Wedge-Lock® System works by applying pressure evenly along both sides of the glass. Simply tighten the jaw screws, accessed from the hardware pocket of the rail. The screws then draw down a flat stainless steel bar. The steel bar in turn pulls down the gripping jaws. This action then forces the jaws toward one another, creating a tremendous amount of force against the glass, holding it securely in place.

The Wedge-Lock® Glass Securing System is so unique that it is covered by U.S. Patents 6,434,905 and 6,912,818 B2, Canadian Patent 2,419,706, and European Patent EP1 404 939 B1.



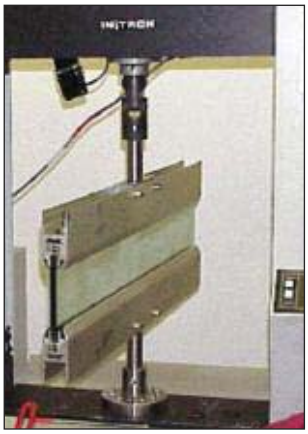
MORE INFORMATION crlaurence.com

Wedge-Lock® Laboratory Test

National Technical Systems, a certified laboratory, tested the Wedge-Lock® Door Rail System, subjecting it to temperatures ranging from -10˚F to 150˚F (-23˚C to 65.5˚C), with 1000 pounds (454 kg) of tension load applied. No evidence of movement was detected at any temperature. At an ambient temperature of 73˚F (22.8˚ C), in a "Pull to Failure" Test, 6900 pounds (3130 kg) of tension was required before any creep (not failure) was detected.

Wedge-Lock® Door Rails come completely fabricated with the end caps in place, thus making them ready to install right out of the package. Experienced installers can secure our Door Rails in fewer than 10 minutes.

For more information, please go to **crlaurence.com/door-rails** or contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.



Features of the CRL Wedge-Lock® Door Rail Kwik-Adjust™ Pivot Alignment System

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

VIDEO

Vertical Jamb Alignment

C.R. Laurence is always looking for ways to improve the product we supply our customers. We believe that "good enough" is never enough. We have made an improvement to the Jamb Alignment System in our 4", 6", and 10" (102, 152, and 254 mm) high Rails. Now with the Kwik-Adjust™ System the turn of only one screw adjusts the door away from or toward the door jamb. **NOTE:** For jamb alignment in our Low Profile Rails see page CH006.

To Adjust the Door Rail Away From the Jamb

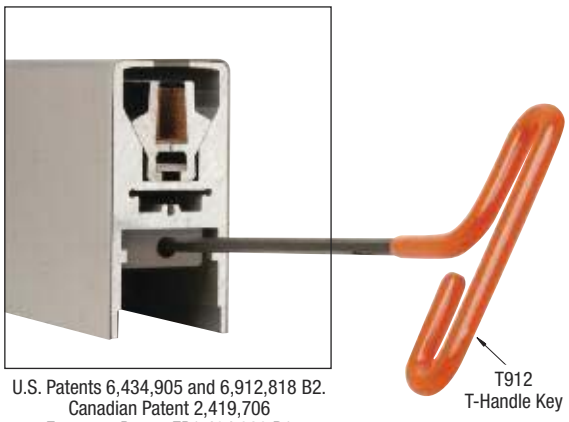
1. Remove the End Cap. This will reveal the adjustment screw.
2. Insert the T912 T-Handle Key into the screw and turn the screw clockwise to the proper clearance from the jamb. A slight clicking noise may be heard. This sound is caused by our friction retention mechanism that will help prevent the screw from loosening out of alignment.
3. Replace the End Cap.

To Adjust the Door Rail Towards the Jamb

1. Remove the End Cap. This will reveal the adjustment screw.
2. Insert the T912 T-Handle Key into the screw and turn the screw counter-clockwise to the proper clearance from the jamb. A slight clicking noise may be heard. This sound is caused by our friction retention mechanism that will help prevent the screw from loosening out of alignment.
3. Replace the End Cap.

Centering Adjustment

We have designed our Cat. No. CRL8010AS Overhead Closer Arm and our Cat. No. CRL9040AS Floor Closer Arm to help make the centering adjustment easier. To center the door you just loosen the two Pan Head Phillips Screws holding the arm to the block, then adjust the two hex bolts at the end of each arm to slightly change the angle of the arm as it mounts on the Door Rail. Make sure that both hex bolts are tightened against the inside face of the Door Rail, and the two Pan Head Phillips Screws are tightened to the block when the adjustment is complete. This will secure your adjustments into place.



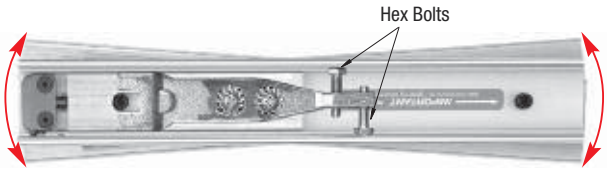
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

T912 T-Handle Key



DR6K Adjustable Slide Block

The low profile of the Adjustable Slide Block allows the arm or pivot blocks to be moved to a position other than the standard American setback of 2-3/4" (70 mm). This means that if you use our Door Rails, we can fabricate them for vertically out-of-square openings.

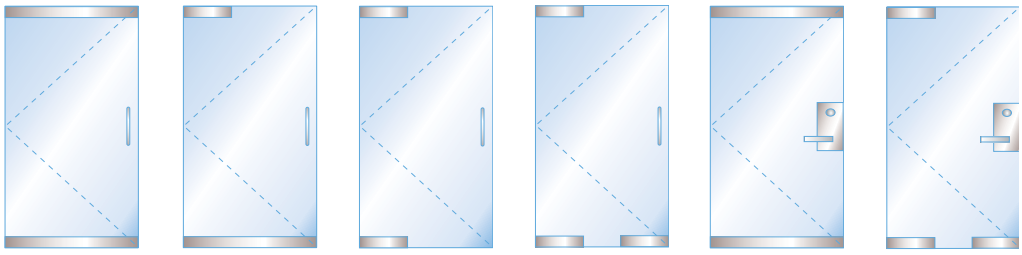


Door centering is easily achieved by turning the two hex head bolts.

"Industry Standard" Door Styles and Swinging Door Patterns

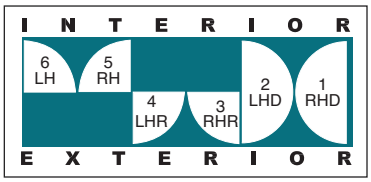
There are six basic 'all-glass' door styles typically referred to throughout the industry. By identifying your basic door style and swing, it will help make clear what your intentions are for the particular project.

Standard Door Styles



P BP A F A-1 A-2

Door Swing Chart



For more information, please go to **crlaurence.com/door-rails** or contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 in Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

The Benefits of Using CRL Wedge-Lock® Door Rails

U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

1. The CRL Wedge-Lock® Dry Glaze Door Rail System is designed for quick field installation on the glass.

BENEFIT: No more mixing and pouring messy cement, and having to wait for it to dry.

MORE INFORMATION
crlaurence.com



2. The Wedge-Lock® System allows for door sizing adjustments at the job site, by simply placing the door glass on saw horses and loosening the Wedge-Lock® securing screws.

BENEFIT: Door Rails can be adjusted up, down or at an angle, to provide attractive sight lines in the door opening.



3. The universal Kwik-Adjust™ Alignment System Cat. No. DR6K has a 1/4" (6 mm) jamb adjustment [1/8" (3 mm) in or out]. It is designed to receive our CRL9040AS or CRL8010AS Door Closer Arms, or any standard CRL8010 Series Bottom Pivot without modification.



CAT. NO. DR6K

BENEFIT: This means Wedge-Lock® Door Rails can be used for the top or the bottom of a door, so you reduce the number of SKU's in your stock.



4. The Wedge-Lock® System also allows for job site glass replacement for broken or damaged glass, without the need to send wet glazed rails back to the fabricator for glass removal and replacement.

BENEFIT: Broken door glass can be easily replaced at the job site in less than 30 minutes.



5. Wedge-Lock® Door Rails come completely fabricated, with end caps attached, and foam spacer blocks at each end.

BENEFIT: Installation is as easy as slipping the Door Rail over the glass, removing the spacer blocks, aligning the rail to the glass, and then securing it in place by tightening a few Allen Cap Screws. All in less than 10 minutes (for the experienced installer).



For additional information please go to **crlaurence.com/door-rails** or contact CRL Technical Sales (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

The Benefits of Using CRL Wedge-Lock® Door Rails

U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

6. CRL's Quick-Pick Shipping Program stocks our most popular Door Rails and accessories for same day shipping from our Los Angeles warehouse.

BENEFIT: Off the shelf Door Rail Systems that allow you to do jobs quickly and move on to the next job.

MORE INFORMATION crlaurence.com



7. Our Door Rails With Locks come with the locking unit installed. Keyed Cylinders or Thumbturns are simply screwed into the locking unit through pre-fabricated holes.

BENEFIT: A key/key or key/thumbturn combination is easily accomplished by choosing the appropriate hardware.



8. Six standard architectural finishes, powder coating and custom finishes are available. Other unique finishes for interior use only are also available. See them online at **crlaurence.com/door-rails**.

BENEFIT: Our variety of available finishes gives you the capability to match all popular commercial finishes.



9. Six different models of Wedge-Lock® Door Rails are available. Select from 2-5/16" (59 mm) Low Profile Tapered or Square, 4" (102 mm) Tapered or Square, or 6" (152 mm) and 10" (254 mm) Square Rails, with or without locks.

BENEFIT: Allows you to be able to choose a size and style for standard or A.D.A. applications. Combined with our variety of available finishes, Wedge-Lock® Door Rails offer unmatched selection options.



10. Custom size Door Rails can be quickly fabricated and shipped from our manufacturing plant to your shop or directly to the job site anywhere in the world.

BENEFIT: Wedge-Lock® Door Rails can be made to fit your existing opening. Custom sizes and colors provide you the flexibility to do most any job.



CRL Low Profile Dry Glaze Door Rails

- Low Profile Rails Are Only 2-5/16" (59 mm) Tall
- In Stock Ready to Ship
- Patented Wedge-Lock® Glass Securing System
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Adjust and Align Doors Without Removal
- Available in Six Standard Architectural Finishes, With Custom Finishes Available
- Matching Sidelite Rails Available
- Also Available in Patch Door Rails (See Page CH021)

USE MONOLITHIC TEMPERED GLASS

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CRL Low Profile Door Rails measure only 2-5/16" (59 mm) tall by 1-1/2" (38 mm) wide, and yet incorporate our patented Wedge-Lock® Glass Securing System. They are prepped for various Low Profile Rail Pivot Inserts that allow you to use either overhead closers, floor closers, or pivots. Individual Low Profile Door Rails are supplied with two End Caps, Installation Instructions, and Adjustment Wrenches. **NOTE**: For maximum door sizes when using this product, CRL follows GANA Guidelines.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S.,(877) 421-6144 from Canada, or (323) 588-1281 International.
You can also send e-mail through our web site at **crlaurence.com/support**.

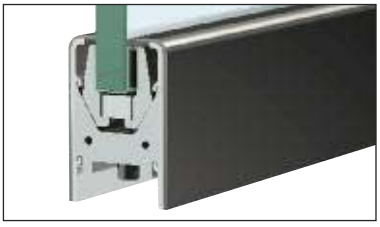
MORE INFORMATION crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1



End Caps are Included With All Low Profile Door Rails



Utilizes CRL's Patented Wedge-Lock® Glass Securing System



All Low Profile Door Rails are Prepped to Receive Any of CRL's Low Profile Door Rail Inserts (Sold Separately, See Next Page)

Adjusting the Reveal Between the Door and Fixed Panel or Jamb

With our Low Profile Door Rails, installers have the ability to quickly and easily adjust the lateral alignment of the door to the side fixed panel or jamb. **NOTE**: This adjustment must be done prior to installing lock cylinders/thumbturns.

Step 1: Open the door. Using a #1 Phillips screwdriver, remove the door's pivot edge End Cap and slide the Door Rail's side panel until removed from the door (see Figure 1).
Step 2: Place a vacuum cup on the handle edge of the door and position support blocks under the door assembly to prevent the door from dropping during adjustment.
Step 3: Starting with either the top or bottom Door Rail, depending on which end is farthest from alignment, use a 7/16" Open-End Wrench to loosen the two 1/4" hex head bolts that secure the mounting hardware (see Figure 2).
Step 4: Lift or lower the handle edge of the door to improve the reveal, and adjust blocking to hold the new position.
Step 5: Tighten the two 1/4" hex head bolts that secure the mounting hardware, and if necessary, repeat Steps 2 through 4 on the remaining Door Rail.
Step 6: With the door in the open position, slide the Door Rail's side panels into position, covering the clamping section of both Door Rails. Re-install the End Caps (see Figure 3).



Figure 1



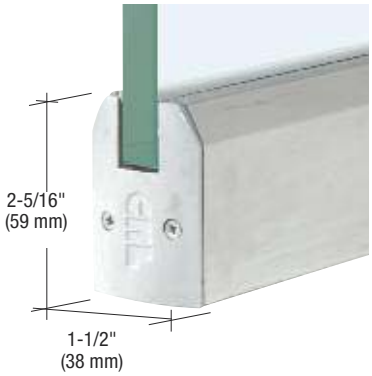
Figure 2



Figure 3

CRL Low Profile Tapered Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Glass



NEW!

CRL US ALUMINUM MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- In Stock Ready to Ship
- Patented Wedge-Lock® Glass Securing System
- Available With or Without Locks
- Adjust and Align Doors Without Removal
- Available in Six Standard Architectural Finishes
- Matching Sidelite Rails Available
- Custom Sizes and Finishes Also Available in 3-5 Days

ORDERING INFORMATION:

- End Caps are included with all Low Profile Door Rails. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- All Low Profile Door Rails are prepped to receive any of the Low Profile Door Rail Pivot Inserts shown below (sold separately).
- Installation instructions and adjustment wrenches are included.
- For Low Profile Patch Door Rails see page CH021.
- For Replacement End Caps, go to crlaurence.com and search for **DREC2T**.
- For Handles see pages CH087-CH096.

LOW PROFILE DOOR RAIL PIVOT INSERTS

CAT. NO.	ACCEPTS
1NT701	Flat Tapered Floor Closer Spindle or Universal Round Free-Swing Floor Spindle
1NT703	Overhead Pivot with 19/32" (15 mm) Diameter Spindle
1NT704	Overhead Closer with 9/16" (14 mm) Square Spindle

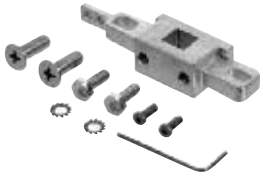
Minimum order: 1 each. All Inserts can be combined for quantity pricing.



CAT. NO. 1NT701
Bottom Pivot Insert



CAT. NO. 1NT703
Top Pivot Insert



CAT. NO. 1NT704
Top Closer Insert

LOW PROFILE TAPERED DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR2TSA38S	DR2TSA38SL	DR2TSA12S	DR2TSA12SL	Satin Anodized
DR2TDU38S	DR2TDU38SL	DR2TDU12S	DR2TDU12SL	Black Bronze Anodized
DR2TBL38S	DR2TBL38SL	DR2TBL12S	DR2TBL12SL	Black Powder Coat
DR2TBS38S	DR2TBS38SL	DR2TBS12S	DR2TBS12SL	*Brushed Stainless
DR2TPS38S	DR2TPS38SL	DR2TPS12S	DR2TPS12SL	*Polished Stainless
DR2TPB38S	DR2TPB38SL	DR2TPB12S	DR2TPB12SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

CUSTOM LENGTH LOW PROFILE TAPERED DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR2TSA38C	DR2TSA38CL	DR2TSA12C	DR2TSA12CL	Satin Anodized
DR2TDU38C	DR2TDU38CL	DR2TDU12C	DR2TDU12CL	Black Bronze Anodized
DR2TBL38C	DR2TBL38CL	DR2TBL12C	DR2TBL12CL	Black Powder Coat
DR2TBS38C	DR2TBS38CL	DR2TBS12C	DR2TBS12CL	*Brushed Stainless
DR2TPS38C	DR2TPS38CL	DR2TPS12C	DR2TPS12CL	*Polished Stainless
DR2TPB38C	DR2TPB38CL	DR2TPB12C	DR2TPB12CL	*Polished Brass

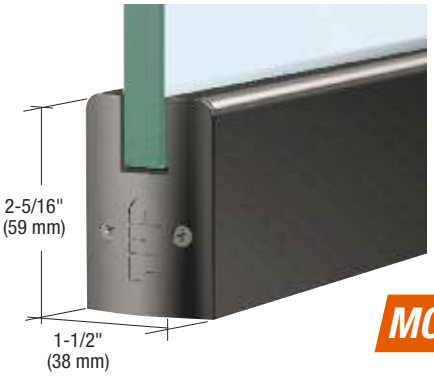
Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

VIDEO

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

CRL Low Profile Square Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Glass



MORE INFORMATION crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- In Stock Ready to Ship
- Patented Wedge-Lock® Glass Securing System
- Available With or Without Locks
- Adjust and Align Doors Without Removal
- Available in Six Standard Architectural Finishes
- Matching Sidelite Rails Available
- Custom Sizes and Finishes Also Available in 3-5 Days

ORDERING INFORMATION:

- End Caps are included with all Low Profile Door Rails. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- All Low Profile Door Rails are prepped to receive any of the Low Profile Door Rail Pivot Inserts shown below (sold separately).
- Installation instructions and adjustment wrenches are included.
- For Low Profile Patch Door Rails see page CH021.
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC2S**.
- For Handles see pages CH087-CH096.

LOW PROFILE DOOR RAIL PIVOT INSERTS

CAT. NO.	ACCEPTS
1NT701	Flat Tapered Floor Closer Spindle or Universal Round Free-Swing Floor Spindle
1NT703	Overhead Pivot with 19/32" (15 mm) Diameter Spindle
1NT704	Overhead Closer with 9/16" (14 mm) Square Spindle

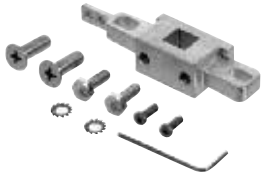
Minimum order: 1 each. All Inserts can be combined for quantity pricing.



CAT. NO. 1NT701
Bottom Pivot Insert



CAT. NO. 1NT703
Top Pivot Insert



CAT. NO. 1NT704
Top Closer Insert

LOW PROFILE SQUARE DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR2SSA38S	DR2SSA38SL	DR2SSA12S	DR2SSA12SL	Satin Anodized
DR2SDU38S	DR2SDU38SL	DR2SDU12S	DR2SDU12SL	Black Bronze Anodized
DR2SBL38S	DR2SBL38SL	DR2SBL12S	DR2SBL12SL	Black Powder Coat
DR2SBS38S	DR2SBS38SL	DR2SBS12S	DR2SBS12SL	*Brushed Stainless
DR2SPS38S	DR2SPS38SL	DR2SPS12S	DR2SPS12SL	*Polished Stainless
DR2SPB38S	DR2SPB38SL	DR2SPB12S	DR2SPB12SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

CUSTOM LENGTH LOW PROFILE SQUARE DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR2SSA38C	DR2SSA38CL	DR2SSA12C	DR2SSA12CL	Satin Anodized
DR2SDU38C	DR2SDU38CL	DR2SDU12C	DR2SDU12CL	Black Bronze Anodized
DR2SBL38C	DR2SBL38CL	DR2SBL12C	DR2SBL12CL	Black Powder Coat
DR2SBS38C	DR2SBS38CL	DR2SBS12C	DR2SBS12CL	*Brushed Stainless
DR2SPS38C	DR2SPS38CL	DR2SPS12C	DR2SPS12CL	*Polished Stainless
DR2SPB38C	DR2SPB38CL	DR2SPB12C	DR2SPB12CL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

USE MONOLITHIC TEMPERED GLASS

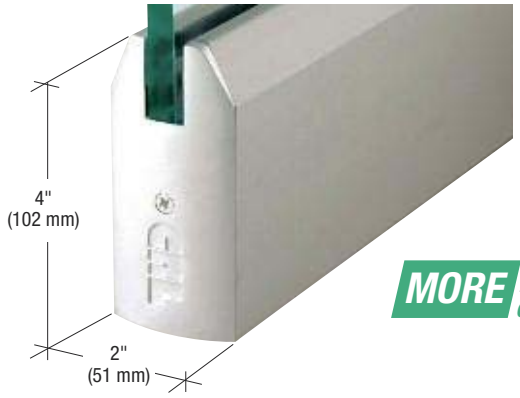
ARCH. SPEC. ONLINE

VIDEO

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

CRL 4" Tapered Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Glass



MORE MODELS
crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Nine Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included in the stock Door Rail lengths below. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC4T**.
- For Handles see pages CH087-CH096.

4" TAPERED DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4TBA38S	DR4TBA38SL	DR4TBA12S	DR4TBA12SL	Brite Anodized
DR4TBBA38S	DR4TBBA38SL	DR4TBBA12S	DR4TBBA12SL	Brite Brushed Anodized
DR4TBSA38S	DR4TBSA38SL	DR4TBSA12S	DR4TBSA12SL	Brushed Stainless Anodized
DR4TSA38S	DR4TSA38SL	DR4TSA12S	DR4TSA12SL	Satin Anodized
DR4TDU38S	DR4TDU38SL	DR4TDU12S	DR4TDU12SL	Black Bronze Anodized
DR4TBL38S	DR4TBL38SL	DR4TBL12S	DR4TBL12SL	Black Powder Coat
DR4TBS38S	DR4TBS38SL	DR4TBS12S	DR4TBS12SL	*Brushed Stainless
DR4TPS38S	DR4TPS38SL	DR4TPS12S	DR4TPS12SL	*Polished Stainless
DR4TPB38S	DR4TPB38SL	DR4TPB12S	DR4TPB12SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

USE MONOLITHIC TEMPERED GLASS

CUSTOM LENGTH 4" TAPERED DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4TBA38C	DR4TBA38CL	DR4TBA12C	DR4TBA12CL	Brite Anodized
DR4TBBA38C	DR4TBBA38CL	DR4TBBA12C	DR4TBBA12CL	Brite Brushed Anodized
DR4TBSA38C	DR4TBSA38CL	DR4TBSA12C	DR4TBSA12CL	Brushed Stainless Anodized
DR4TSA38C	DR4TSA38CL	DR4TSA12C	DR4TSA12CL	Satin Anodized
DR4TDU38C	DR4TDU38CL	DR4TDU12C	DR4TDU12CL	Black Bronze Anodized
DR4TBL38C	DR4TBL38CL	DR4TBL12C	DR4TBL12CL	Black Powder Coat
DR4TBS38C	DR4TBS38CL	DR4TBS12C	DR4TBS12CL	*Brushed Stainless
DR4TPS38C	DR4TPS38CL	DR4TPS12C	DR4TPS12CL	*Polished Stainless
DR4TPB38C	DR4TPB38CL	DR4TPB12C	DR4TPB12CL	*Polished Brass
DR4T0RB38C	DR4T0RB38CL	DR4T0RB12C	DR4T0RB12CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

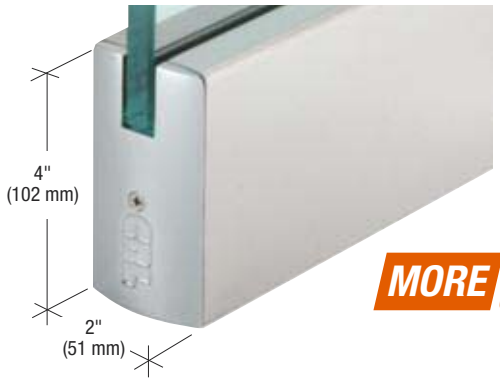
ARCH. SPEC. ONLINE

VIDEO

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

CRL 4" Square Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Glass



MORE INFORMATION crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Nine Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included in the stock Door Rail lengths below. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- For Replacement End Caps, go to crlaurence.com and search for **DREC4S**.
- For Handles see pages CH087-CH096.

4" SQUARE DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4SBA38S	DR4SBA38SL	DR4SBA12S	DR4SBA12SL	Brite Anodized
DR4SBBA38S	DR4SBBA38SL	DR4SBBA12S	DR4SBBA12SL	Brite Brushed Anodized
DR4SBSA38S	DR4SBSA38SL	DR4SBSA12S	DR4SBSA12SL	Brushed Stainless Anodized
DR4SSA38S	DR4SSA38SL	DR4SSA12S	DR4SSA12SL	Satin Anodized
DR4SDU38S	DR4SDU38SL	DR4SDU12S	DR4SDU12SL	Black Bronze Anodized
DR4SBL38S	DR4SBL38SL	DR4SBL12S	DR4SBL12SL	Black Powder Coat
DR4SBS38S	DR4SBS38SL	DR4SBS12S	DR4SBS12SL	*Brushed Stainless
DR4SPS38S	DR4SPS38SL	DR4SPS12S	DR4SPS12SL	*Polished Stainless
DR4SPB38S	DR4SPB38SL	DR4SPB12S	DR4SPB12SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

USE MONOLITHIC TEMPERED GLASS

CUSTOM LENGTH 4" SQUARE DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4SBA38C	DR4SBA38CL	DR4SBA12C	DR4SBA12CL	Brite Anodized
DR4SBBA38C	DR4SBBA38CL	DR4SBBA12C	DR4SBBA12CL	Brite Brushed Anodized
DR4SBSA38C	DR4SBSA38CL	DR4SBSA12C	DR4SBSA12CL	Brushed Stainless Anodized
DR4SSA38C	DR4SSA38CL	DR4SSA12C	DR4SSA12CL	Satin Anodized
DR4SDU38C	DR4SDU38CL	DR4SDU12C	DR4SDU12CL	Black Bronze Anodized
DR4SBL38C	DR4SBL38CL	DR4SBL12C	DR4SBL12CL	Black Powder Coat
DR4SBS38C	DR4SBS38CL	DR4SBS12C	DR4SBS12CL	*Brushed Stainless
DR4SPS38C	DR4SPS38CL	DR4SPS12C	DR4SPS12CL	*Polished Stainless
DR4SPB38C	DR4SPB38CL	DR4SPB12C	DR4SPB12CL	*Polished Brass
DR4S0RB38C	DR4S0RB38CL	DR4S0RB12C	DR4S0RB12CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

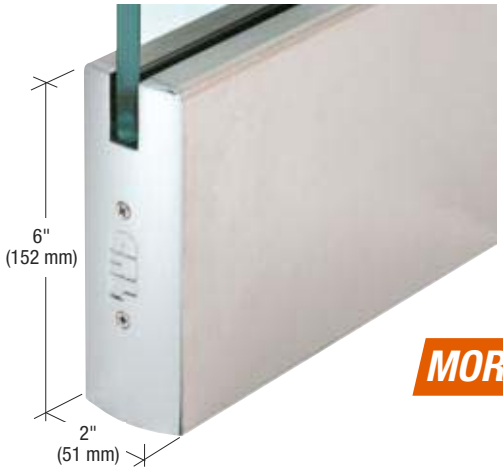
ARCH. SPEC. ONLINE

VIDEO

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

CRL 6" Square Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Glass



MORE INFORMATION
crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Six Standard Architectural Finishes
- Custom Sizes and Finishes Are Also Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included in the stock Door Rail lengths below. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC6**.
- For Handles see pages CH087-CH096.

6" SQUARE DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR6SSA38S	DR6SSA38SL	DR6SSA12S	DR6SSA12SL	*Satin Anodized
DR6SDU38S	DR6SDU38SL	DR6SDU12S	DR6SDU12SL	*Black Bronze Anodized
DR6SBL38S	DR6SBL38SL	DR6SBL12S	DR6SBL12SL	*Black Powder Coat
DR6SBS38S	DR6SBS38SL	DR6SBS12S	DR6SBS12SL	*Brushed Stainless
DR6SPS38S	DR6SPS38SL	DR6SPS12S	DR6SPS12SL	*Polished Stainless
DR6SPB38S	DR6SPB38SL	DR6SPB12S	DR6SPB12SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

CUSTOM LENGTH 6" SQUARE DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR6SSA38C	DR6SSA38CL	DR6SSA12C	DR6SSA12CL	*Satin Anodized
DR6SDU38C	DR6SDU38CL	DR6SDU12C	DR6SDU12CL	*Black Bronze Anodized
DR6SBL38C	DR6SBL38CL	DR6SBL12C	DR6SBL12CL	*Black Powder Coat
DR6SBS38C	DR6SBS38CL	DR6SBS12C	DR6SBS12CL	*Brushed Stainless
DR6SPS38C	DR6SPS38CL	DR6SPS12C	DR6SPS12CL	*Polished Stainless
DR6SPB38C	DR6SPB38CL	DR6SPB12C	DR6SPB12CL	*Polished Brass
DR6S0RB38C	DR6S0RB38CL	DR6S0RB12C	DR6S0RB12CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

VIDEO

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

CRL 10" Square Shape Full Length Dry Glaze Door Rails

For 1/2" (12 mm) Glass



USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Six Standard Architectural Finishes
- Custom Sizes and Finishes Are Also Available in 3-5 Days
- Matching Sidelite Rails Available

10" SQUARE DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR10SSA12S	DR10SSA12SL	*Satin Anodized
DR10SDU12S	DR10SDU12SL	*Black Bronze Anodized
DR10SBL12S	DR10SBL12SL	*Black Powder Coat
DR10SBS12S	DR10SBS12SL	*Brushed Stainless
DR10SPS12S	DR10SPS12SL	*Polished Stainless
DR10SPB12S	DR10SPB12SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

CUSTOM LENGTH 10" SQUARE DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR10SSA12C	DR10SSA12CL	*Satin Anodized
DR10SDU12C	DR10SDU12CL	*Black Bronze Anodized
DR10SBL12C	DR10SBL12CL	*Black Powder Coat
DR10SBS12C	DR10SBS12CL	*Brushed Stainless
DR10SPS12C	DR10SPS12CL	*Polished Stainless
DR10SPB12C	DR10SPB12CL	*Polished Brass
DR10S0RB12C	DR10S0RB12CL	*Oil Rubbed Bronze

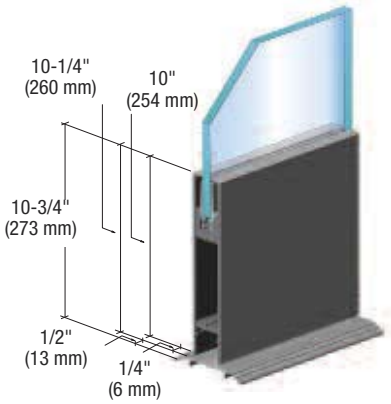
Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included in the stock Door Rail lengths below. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- For Replacement End Caps, go to crlaurence.com and search for **DREC10S**.
- For Handles see pages CH087-CH096.

ARCH. SPEC. ONLINE

VIDEO



CRL 10" (254 mm) Square Shape Full Length Door Rails have been designed to meet requirements mandated under the 1998 Amendments to the ANSI A117.1 Guidelines and Standards for accessibility to buildings and facilities of people with disabilities. This section provides a 10" (254 mm) surface from the floor across the bottom of the door. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines.







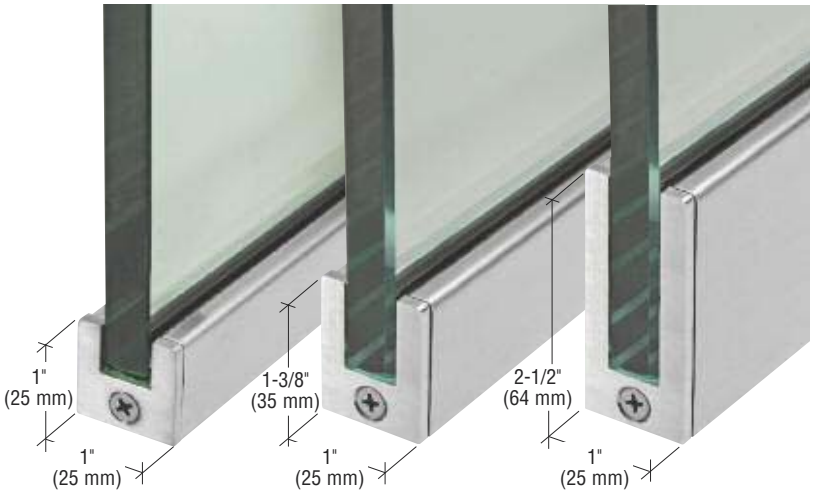


Online Photo Gallery

When you visit **crlaurence.com/gallery** you can view our photo galleries of finished projects. It's a great way to show your customers what can be accomplished when they specify CRL Architectural Hardware Products.

CRL Slender Profile Dry Glaze Door Rails

For 1/2" (12 mm) Glass



MORE INFORMATION
crlaurence.com

ARCH. SPEC. ONLINE

CRL US ALUMINUM MANUFACTURED IN THE USA



- **Available in Three Heights With or Without a Lock**
- **In Stock Ready to Ship**
- **Dry Glaze Slender Profile Door Rails Are Only 1" (25 mm) Wide**
- **Brushed or Polished Stainless Steel Finishes**
- **Custom 1" (25 mm) Slender Profile Vertical Stiles Available on Special Order**
- **Designed for Interior Use Only**

CRL Slender Profile Door Rails measure only 1" (25 mm) wide and are available in three heights: 1", 1-3/8", and 2-1/2" (25, 35, and 64 mm).

They are all prepped to receive any of the three Slender Profile Rail Pivot Inserts, ordered separately, that allow you to use overhead door closers, floor mounted door closers, or pivots. The 1-3/8" and 2-1/2" (35 and 64 mm) models can be fitted with our 7150 Series Cam Lock for use in display case applications. Other locking options may be available on special order.

All Slender Profile Rails are designed for field installation and are easily adjusted to compensate for unexpected installation issues. Rails feature aluminum construction, clad in alloy 304 stainless steel for a durable, lasting finish. **NOTE**: Maximum door size is 42" x 108" (1067 x 2743 mm) for INTERIOR USE ONLY. When used with door closers with mechanical stops, a surface mounted stop must be used in the open position.

ORDERING INFORMATION:

- Compatible Pivots: CRL9040WBP Top Pivot
  1NT402 Bottom Pivot
- End Caps are included with all Slender Profile Door Rails.
- Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- When 7150 Series Cam Lock is required, handing of the door must be specified.
- Slender Profile Rails are prepped to receive any of the Slender Profile Door Rail Pivot Inserts shown on the opposite page (sold separately).
- Installation Instructions and Adjustment Wrenches are included.
- For Handles see pages CH087-CH096.

1" (25 MM) TALL SLENDER PROFILE DOOR RAILS
35-3/4" (908 MM) STANDARD LENGTH - STOCK MODELS READY TO SHIP

WITHOUT LOCK CAT. NO.	FINISH
SP25BS12S	Brushed Stainless
SP25PS12S	Polished Stainless

Minimum order: 1 each. All Door Rails can be combined for quantity pricing.

1-3/8" (35 MM) TALL SLENDER PROFILE DOOR RAILS
35-3/4" (908 MM) STANDARD LENGTH - STOCK MODELS READY TO SHIP

WITHOUT LOCK CAT. NO.	WITH LOCK* CAT. NO.	FINISH
SP35BS12S	SP35BS12SL	Brushed Stainless
SP35PS12S	SP35PS12SL	Polished Stainless

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *CRL 7150 Series Cam Lock.

2-1/2" (64 MM) TALL SLENDER PROFILE DOOR RAILS
35-3/4" (908 MM) STANDARD LENGTH - STOCK MODELS READY TO SHIP

WITHOUT LOCK CAT. NO.	WITH LOCK* CAT. NO.	FINISH
SP64BS12S	SP64BS12SL	Brushed Stainless
SP64PS12S	SP64PS12SL	Polished Stainless

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *CRL 7150 Series Cam Lock.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Slender Profile Dry Glaze Door Rails

For 1/2" (12 mm) Glass

- **Custom Lengths and Finishes Available in 3-5 Days**

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com

All of our Slender Profile Door Rails can be fabricated to meet your required length. Custom finishes are available on special order. **NOTE**: Not all closer or locking hardware is compatible with these rails. For additional information, please go to **crlaurence.com/door-rails** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

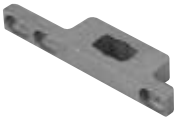
ARCH. SPEC. ONLINE



CUSTOM LENGTH SLENDER PROFILE DOOR RAILS
TOTAL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED

WITHOUT LOCK CAT. NO.	WITH LOCK* CAT. NO.	RAIL HEIGHT	CLAD FINISH
SP25BS12C	---	1" (25 mm)	Brushed Stainless
SP25PS12C	---	1" (25 mm)	Polished Stainless
SP35BS12C	SP35BS12CL	1-3/8" (35 mm)	Brushed Stainless
SP35PS12C	SP35PS12CL	1-3/8" (35 mm)	Polished Stainless
SP64BS12C	SP64BS12CL	2-1/2" (64 mm)	Brushed Stainless
SP64PS12C	SP64PS12CL	2-1/2" (64 mm)	Polished Stainless

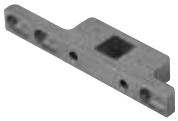
Minimum order: 1 each. Custom Rails are made to your specified size and are not returnable.
*CRL 7150 Series Cam Lock.



CAT. NO. 1NT801
Bottom Pivot Insert



CAT. NO. 1NT803
Top Pivot Insert



CAT. NO. 1NT804
Top Closer Insert

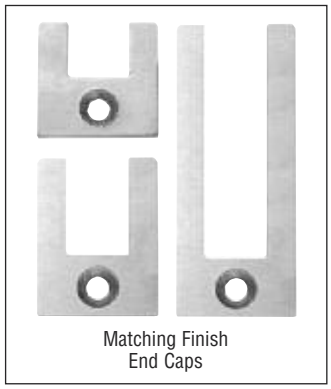
SLENDER PROFILE DOOR RAIL PIVOT INSERTS

CAT. NO.	ACCEPTS
1NT801	Flat Tapered Floor Closer Spindle or Universal Round Free-Swing Floor Spindle
1NT803	Overhead Pivot with 19/32" (15 mm) Diameter Spindle
1NT804	Overhead Door Closer with 9/16" (14 mm) Square Spindle

Minimum order: 1 each. All Inserts can be combined for quantity pricing.



Matching Finish Cladding

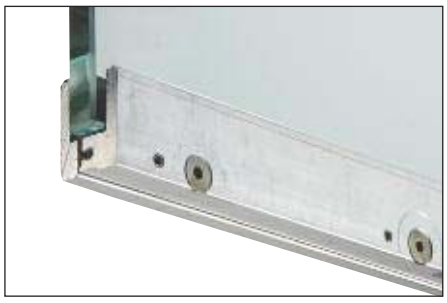


Matching Finish End Caps

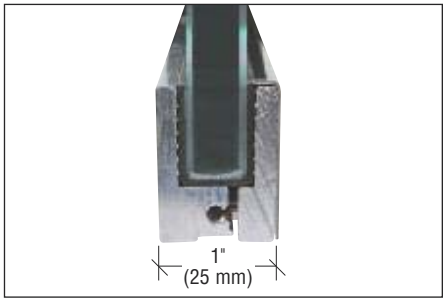
REPLACEMENT CLADDING AND END CAPS

CLADDING* CAT. NO.	END CAP CAT. NO.	RAIL HEIGHT	CLAD FINISH
SP25RCBS	SP25ECBS	1" (25 mm)	Brushed Stainless
SP25RCPS	SP25ECPS	1" (25 mm)	Polished Stainless
SP35RCBS	SP35ECBS	1-3/8" (35 mm)	Brushed Stainless
SP35RCPS	SP35ECPS	1-3/8" (35 mm)	Polished Stainless
SP64RCBS	SP64ECBS	2-1/2" (64 mm)	Brushed Stainless
SP64RCPS	SP64ECPS	2-1/2" (64 mm)	Polished Stainless

Minimum order: 1 each. *Pressure Sensitive High - Strength Cladding Tape included.



Dry Glaze Installation of Glass Allows for Field Adjustment and Replacement



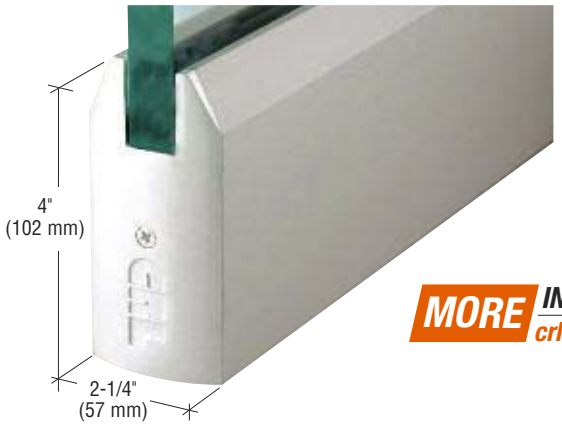
Slender Profile Door Rails are Only 1" (25 mm) Wide



All Slender Profile Door Rails are Prepped to Receive Any of CRL's Slender Profile Door Rail Pivot Inserts (Sold Separately, See Above)

CRL 4" Tapered Shape Full Length Dry Glaze Door Rails

For 5/8" or 3/4" (16 or 19 mm) Glass



MORE INFORMATION crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Six Standard Architectural Finishes
- Custom Sizes and Finishes Are Also Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included in the stock Door Rail lengths below. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC4T**.
- For Handles see pages CH087-CH096.

4" TAPERED DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4TSA58S	DR4TSA58SL	DR4TSA34S	DR4TSA34SL	Satin Anodized
DR4TDU58S	DR4TDU58SL	DR4TDU34S	DR4TDU34SL	Black Bronze Anodized
DR4TBL58S	DR4TBL58SL	DR4TBL34S	DR4TBL34SL	Black Powder Coat
DR4TBS58S	DR4TBS58SL	DR4TBS34S	DR4TBS34SL	*Brushed Stainless
DR4TPS58S	DR4TPS58SL	DR4TPS34S	DR4TPS34SL	*Polished Stainless
DR4TPB58S	DR4TPB58SL	DR4TPB34S	DR4TPB34SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

CUSTOM LENGTH 4" TAPERED DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4TSA58C	DR4TSA58CL	DR4TSA34C	DR4TSA34CL	Satin Anodized
DR4TDU58C	DR4TDU58CL	DR4TDU34C	DR4TDU34CL	Black Bronze Anodized
DR4TBL58C	DR4TBL58CL	DR4TBL34C	DR4TBL34CL	Black Powder Coat
DR4TBS58C	DR4TBS58CL	DR4TBS34C	DR4TBS34CL	*Brushed Stainless
DR4TPS58C	DR4TPS58CL	DR4TPS34C	DR4TPS34CL	*Polished Stainless
DR4TPB58C	DR4TPB58CL	DR4TPB34C	DR4TPB34CL	*Polished Brass
DR4T0RB58C	DR4T0RB58CL	DR4T0RB34C	DR4T0RB34CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

USE MONOLITHIC TEMPERED GLASS

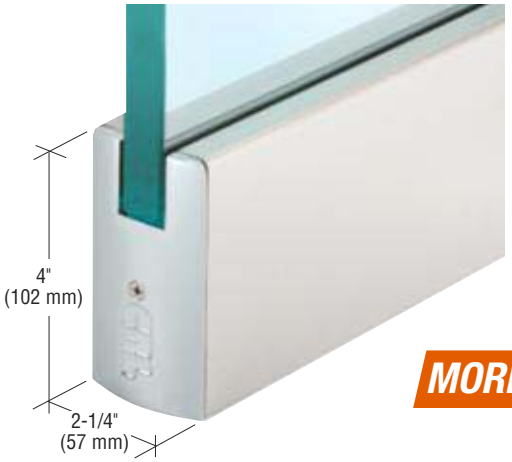
ARCH. SPEC. ONLINE

VIDEO

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

CRL 4" Square Shape Full Length Dry Glaze Door Rails

For 5/8" or 3/4" (16 or 19 mm) Glass



MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Six Standard Architectural Finishes
- Custom Sizes and Finishes Are Also Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included in the stock Door Rail lengths below. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC4S**.
- For Handles see pages CH087-CH096.

4" SQUARE DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4SSA58S	DR4SSA58SL	DR4SSA34S	DR4SSA34SL	Satin Anodized
DR4SDU58S	DR4SDU58SL	DR4SDU34S	DR4SDU34SL	Black Bronze Anodized
DR4SBL58S	DR4SBL58SL	DR4SBL34S	DR4SBL34SL	Black Powder Coat
DR4SBS58S	DR4SBS58SL	DR4SBS34S	DR4SBS34SL	*Brushed Stainless
DR4SPS58S	DR4SPS58SL	DR4SPS34S	DR4SPS34SL	*Polished Stainless
DR4SPB58S	DR4SPB58SL	DR4SPB34S	DR4SPB34SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

CUSTOM LENGTH 4" SQUARE DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4SSA58C	DR4SSA58CL	DR4SSA34C	DR4SSA34CL	Satin Anodized
DR4SDU58C	DR4SDU58CL	DR4SDU34C	DR4SDU34CL	Black Bronze Anodized
DR4SBL58C	DR4SBL58CL	DR4SBL34C	DR4SBL34CL	Black Powder Coat
DR4SBS58C	DR4SBS58CL	DR4SBS34C	DR4SBS34CL	*Brushed Stainless
DR4SPS58C	DR4SPS58CL	DR4SPS34C	DR4SPS34CL	*Polished Stainless
DR4SPB58C	DR4SPB58CL	DR4SPB34C	DR4SPB34CL	*Polished Brass
DR4S0RB58C	DR4S0RB58CL	DR4S0RB34C	DR4S0RB34CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

VIDEO

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

CRL 6" Square Shape Full Length Dry Glaze Door Rails

For 5/8" or 3/4" (16 or 19 mm) Glass



MORE INFORMATION crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Six Standard Architectural Finishes
- Custom Sizes and Finishes Are Also Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included in the stock Door Rail lengths below. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC6S**.
- For Handles see pages CH087-CH096.

6" SQUARE DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR6SSA58S	DR6SSA58SL	DR6SSA34S	DR6SSA34SL	*Satin Anodized
DR6SDU58S	DR6SDU58SL	DR6SDU34S	DR6SDU34SL	*Black Bronze Anodized
DR6SBL58S	DR6SBL58SL	DR6SBL34S	DR6SBL34SL	*Black Powder Coat
DR6SBS58S	DR6SBS58SL	DR6SBS34S	DR6SBS34SL	*Brushed Stainless
DR6SPS58S	DR6SPS58SL	DR6SPS34S	DR6SPS34SL	*Polished Stainless
DR6SPB58S	DR6SPB58SL	DR6SPB34S	DR6SPB34SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

CUSTOM LENGTH 6" SQUARE DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR6SSA58C	DR6SSA58CL	DR6SSA34C	DR6SSA34CL	*Satin Anodized
DR6SDU58C	DR6SDU58CL	DR6SDU34C	DR6SDU34CL	*Black Bronze Anodized
DR6SBL58C	DR6SBL58CL	DR6SBL34C	DR6SBL34CL	*Black Powder Coat
DR6SBS58C	DR6SBS58CL	DR6SBS34C	DR6SBS34CL	*Brushed Stainless
DR6SPS58C	DR6SPS58CL	DR6SPS34C	DR6SPS34CL	*Polished Stainless
DR6SPB58C	DR6SPB58CL	DR6SPB34C	DR6SPB34CL	*Polished Brass
DR6S0RB58C	DR6S0RB58CL	DR6S0RB34C	DR6S0RB34CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.







NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

CRL 10" Square Shape Full Length Dry Glaze Door Rails

For 5/8" or 3/4" (16 or 19 mm) Glass



MORE INFORMATION crlaurence.com



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Six Standard Architectural Finishes
- Custom Sizes and Finishes Are Also Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included in the stock Door Rail lengths below. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC10S**.
- For Handles see pages CH087-CH096.

10" SQUARE DOOR RAILS 35-3/4" (908 MM) LENGTH - STOCK MODELS READY TO SHIP

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR10SSA58S	DR10SSA58SL	DR10SSA34S	DR10SSA34SL	*Satin Anodized
DR10SDU58S	DR10SDU58SL	DR10SDU34S	DR10SDU34SL	*Black Bronze Anodized
DR10SBL58S	DR10SBL58SL	DR10SBL34S	DR10SBL34SL	*Black Powder Coat
DR10SBS58S	DR10SBS58SL	DR10SBS34S	DR10SBS34SL	*Brushed Stainless
DR10SPS58S	DR10SPS58SL	DR10SPS34S	DR10SPS34SL	*Polished Stainless
DR10SPB58S	DR10SPB58SL	DR10SPB34S	DR10SPB34SL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

CUSTOM LENGTH 10" SQUARE DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR10SSA58C	DR10SSA58CL	DR10SSA34C	DR10SSA34CL	*Satin Anodized
DR10SDU58C	DR10SDU58CL	DR10SDU34C	DR10SDU34CL	*Black Bronze Anodized
DR10SBL58C	DR10SBL58CL	DR10SBL34C	DR10SBL34CL	*Black Powder Coat
DR10SBS58C	DR10SBS58CL	DR10SBS34C	DR10SBS34CL	*Brushed Stainless
DR10SPS58C	DR10SPS58CL	DR10SPS34C	DR10SPS34CL	*Polished Stainless
DR10SPB58C	DR10SPB58CL	DR10SPB34C	DR10SPB34CL	*Polished Brass
DR10S0RB58C	DR10S0RB58CL	DR10S0RB34C	DR10S0RB34CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

VIDEO

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

Online Photo Gallery

When you visit **crlaurence.com/gallery** you can view our photo galleries of finished projects. It's a great way to show your customers what can be accomplished when they specify CRL Architectural Hardware Products.

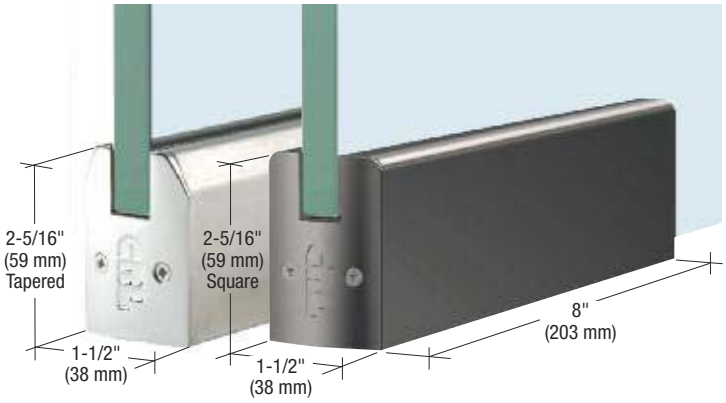






CRL Low Profile Dry Glaze Patch Door Rails

For 3/8" or 1/2" (10 or 12 mm) Glass





Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

MORE INFORMATION crlaurence.com

MODEL NEW!

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Available in Six Standard Architectural Finishes, With Custom Finishes Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:
- End Caps are included with all Low Profile Patch Door Rails.
- All Low Profile Patch Door Rails are prepped to receive any of the Low Profile Door Rail Pivot Inserts (sold separately shown below).
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC2**.
- For Handles see pages CH087-CH096.

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

LOW PROFILE TAPERED PATCH DOOR RAILS
8" (203 MM) LENGTH - STOCK MODELS READY TO SHIP

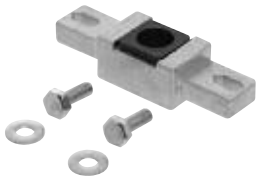
3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR2TSA38P	DR2TSA38PL	DR2TSA12P	DR2TSA12PL	Satin Anodized
DR2TDU38P	DR2TDU38PL	DR2TDU12P	DR2TDU12PL	Black Bronze Anodized
DR2TBL38P	DR2TBL38PL	DR2TBL12P	DR2TBL12PL	Black Powder Coat
DR2TBS38P	DR2TBS38PL	DR2TBS12P	DR2TBS12PL	*Brushed Stainless
DR2TPS38P	DR2TPS38PL	DR2TPS12P	DR2TPS12PL	*Polished Stainless
DR2TPB38P	DR2TPB38PL	DR2TPB12P	DR2TPB12PL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

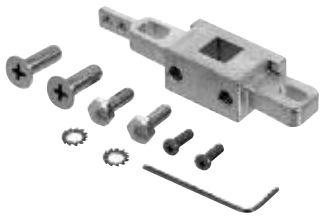
LOW PROFILE SQUARE PATCH DOOR RAILS FOR
8" (203 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR2SSA38P	DR2SSA38PL	DR2SSA12P	DR2SSA12PL	Satin Anodized
DR2SDU38P	DR2SDU38PL	DR2SDU12P	DR2SDU12PL	Black Bronze Anodized
DR2SBL38P	DR2SBL38PL	DR2SBL12P	DR2SBL12PL	Black Powder Coat
DR2SBS38P	DR2SBS38PL	DR2SBS12P	DR2SBS12PL	*Brushed Stainless
DR2SPS38P	DR2SPS38PL	DR2SPS12P	DR2SPS12PL	*Polished Stainless
DR2SPB38P	DR2SPB38PL	DR2SPB12P	DR2SPB12PL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.



CAT. NO. 1NT703
Top Pivot Insert



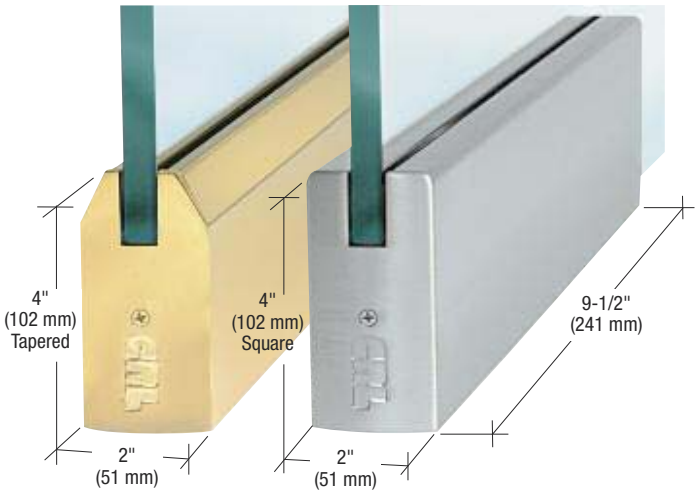
CAT. NO. 1NT704
Top Closer Insert



CAT. NO. 1NT701
Bottom Pivot Insert

CRL 9-1/2" Dry Glaze Patch Door Rails

For 3/8" or 1/2" (10 or 12 mm) Glass





Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

MORE INFORMATION crlaurence.com

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Six Standard Architectural Finishes, With Custom Finishes Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included on 9-1/2" Patch Door Rails.
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC4**.
- For Handles see pages CH087-CH096.

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

4" TAPERED PATCH DOOR RAILS 9-1/2" (241 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4TSA38P	DR4TSA38PL	DR4TSA12P	DR4TSA12PL	Satin Anodized
DR4TDU38P	DR4TDU38PL	DR4TDU12P	DR4TDU12PL	Black Bronze Anodized
DR4TBL38P	DR4TBL38PL	DR4TBL12P	DR4TBL12PL	Black Powder Coat
DR4TBS38P	DR4TBS38PL	DR4TBS12P	DR4TBS12PL	*Brushed Stainless
DR4TPS38P	DR4TPS38PL	DR4TPS12P	DR4TPS12PL	*Polished Stainless
DR4TPB38P	DR4TPB38PL	DR4TPB12P	DR4TPB12PL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.



4" Tapered

4" SQUARE PATCH DOOR RAILS 9-1/2" (241 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4SSA38P	DR4SSA38PL	DR4SSA12P	DR4SSA12PL	Satin Anodized
DR4SDU38P	DR4SDU38PL	DR4SDU12P	DR4SDU12PL	Black Bronze Anodized
DR4SBL38P	DR4SBL38PL	DR4SBL12P	DR4SBL12PL	Black Powder Coat
DR4SBS38P	DR4SBS38PL	DR4SBS12P	DR4SBS12PL	*Brushed Stainless
DR4SPS38P	DR4SPS38PL	DR4SPS12P	DR4SPS12PL	*Polished Stainless
DR4SPB38P	DR4SPB38PL	DR4SPB12P	DR4SPB12PL	*Polished Brass

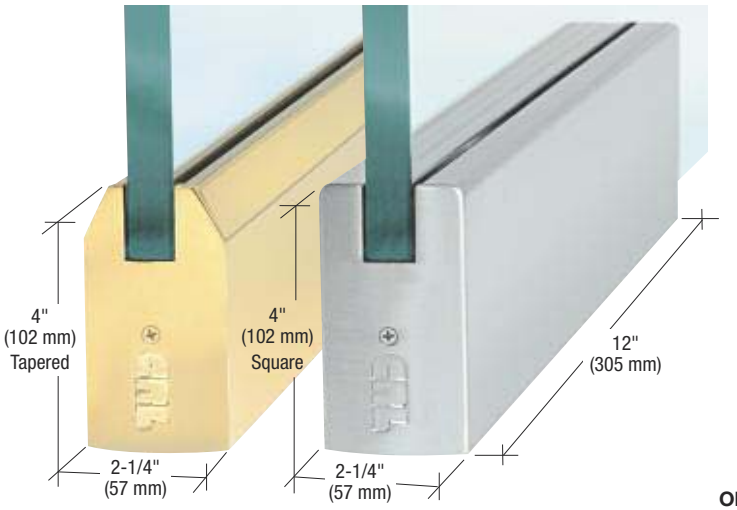
Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.



4" Square

CRL 12" Dry Glaze Patch Door Rails

For 5/8" or 3/4" (16 or 19 mm) Glass



MORE INFORMATION
crlaurence.com

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Six Standard Architectural Finishes, With Custom Finishes Available in 3-5 Days
- Matching Sidelite Rails Available



Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included on 12" (305 mm) Patch Door Rails.
- For Replacement End Caps, go to **crlaurence.com** and search for **DREC4**.
- For Handles see pages CH087-CH096.

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

4" TAPERED PATCH DOOR RAILS 12" (305 MM) LENGTH - STOCK MODELS READY TO SHIP

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4TSA58P	DR4TSA58PL	DR4TSA34P	DR4TSA34PL	Satin Anodized
DR4TDU58P	DR4TDU58PL	DR4TDU34P	DR4TDU34PL	Black Bronze Anodized
DR4TBL58P	DR4TBL58PL	DR4TBL34P	DR4TBL34PL	Black Powder Coat
DR4TBS58P	DR4TBS58PL	DR4TBS34P	DR4TBS34PL	*Brushed Stainless
DR4TPS58P	DR4TPS58PL	DR4TPS34P	DR4TPS34PL	*Polished Stainless
DR4TPB58P	DR4TPB58PL	DR4TPB34P	DR4TPB34PL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.



4" Tapered

4" SQUARE PATCH DOOR RAILS 12" (305 MM) LENGTH - STOCK MODELS READY TO SHIP

5/8" (16 MM) GLASS WITHOUT LOCK CAT. NO.	5/8" (16 MM) GLASS WITH LOCK CAT. NO.	3/4" (19 MM) GLASS WITHOUT LOCK CAT. NO.	3/4" (19 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4SSA58P	DR4SSA58PL	DR4SSA34P	DR4SSA34PL	Satin Anodized
DR4SDU58P	DR4SDU58PL	DR4SDU34P	DR4SDU34PL	Black Bronze Anodized
DR4SBL58P	DR4SBL58PL	DR4SBL34P	DR4SBL34PL	Black Powder Coat
DR4SBS58P	DR4SBS58PL	DR4SBS34P	DR4SBS34PL	*Brushed Stainless
DR4SPS58P	DR4SPS58PL	DR4SPS34P	DR4SPS34PL	*Polished Stainless
DR4SPB58P	DR4SPB58PL	DR4SPB34P	DR4SPB34PL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.



4" Square

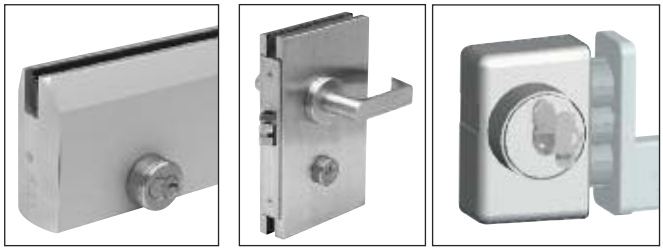
CRL Small Format Interchangeable Cores (SFIC)

MORE INFORMATION
crlaurence.com

- **Works With CRL Wedge-Lock® Door Rails, Locking Ladder Pulls, 4" x 10" and 6" x 10" Center Locks, and CRL Panic and Deadbolt Devices**
- **7-Pin Type Core Available in 10 Different Key Configurations**
- **Master Keying Available on Special Order**
- **Brushed Nickel Finish**



CRL stocks 7-Pin Small Format Interchangeable Cores (SFIC) to provide easy key control among end users on many of our products, as well as on BEST®, FALCON®, Schlage®, etc., interchangeable core systems. CRL 7-Pin Cores are the perfect choice for end users that want key control in SFIC hardware applications. CRL Interchangeable Cores can be easily extracted from their housings via a special 'control key' for easy replacement or re-keying.



CAT. NO.	KEY NUMBER
1C01	1
1C02	2
1C03	3
1C04	4
1C05	5

Minimum order: 1 each. All SFIC Cores can be combined for quantity pricing.

CAT. NO.	KEY NUMBER
1C06	6
1C07	7
1C08	8
1C09	9
1C10	10

Minimum order: 1 each. All SFIC Cores can be combined for quantity pricing.

ORDERING INFORMATION:

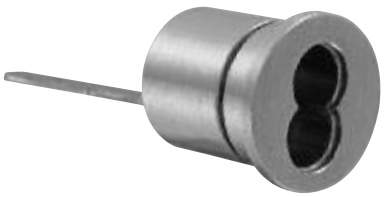
- Each Core comes with one Control Key and two Standard Keys.
- Mortise or Rim Cylinder Housings not included and must be ordered separately if needed (see below).
- Not compatible with larger 'removable' core systems.
- When used with CRL Low Profile Wedge-Lock® Door Rails an additional DRA256 Series Cylinder Ring must be ordered separately.

CRL Mortise and Rim Cylinder Housings for Small Format Interchangeable Cores (SFIC)

- **Compatible With Any 7-Pin SFIC Type Core**
- **Available in Five Architectural Finishes**



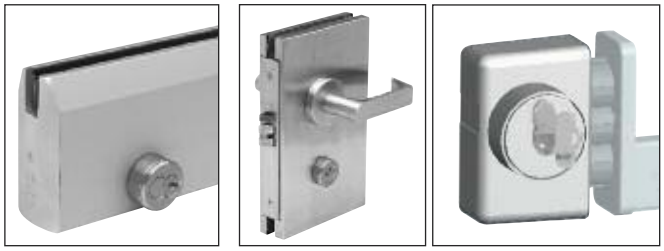
Mortise Housing



Rim Cylinder Housing

CRL Mortise Housings for 7-Pin Small Format Interchangeable Cores (SFIC) are used to replace any of our Mortise Keyed Cylinders with an 'interchangeable core' system. Easily convert any of our Door Rails with locks, 4" x 10" (102 x 254 mm) and 6" x 10" (152 x 254 mm) Center Locks, or Panic and Deadbolt Handles to an 'interchangeable' core system. Simply remove the existing mortise cylinder, choose the appropriate cam, and install the new Housing and Core. It's that easy!

CRL Rim Cylinder Housings for 7-Pin Small Format Interchangeable Cores (SFIC) come standard in our Locking Ladder Pulls featuring the interchangeable cylinder core option or can be used wherever these type cylinders are required. SFIC Core must be ordered separately (see above).



MORTISE HOUSING CAT. NO.	RIM CYLINDER HOUSING CAT. NO.	FINISH
1CHBS	2CHBS	Brushed Stainless
1CHDU	2CHDU	Black Bronze Anodized
1CHPB	2CHPB	Polished Brass
1CHPS	2CHPS	Polished Stainless
1CHSA	---	Satin Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing.

ORDERING INFORMATION:

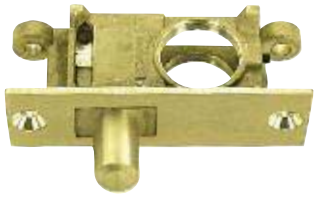
- Each Mortise Housing comes with a 1/2" (12 mm) tall cylinder ring and one DRA10CAM (installed), one DRACAM, and one cam for easy conversion when used with our 6" x 10" (152 x 254 mm) Center Locks.
- Not compatible with larger 'removable' core systems.
- When Mortise Housings are used with CRL Low Profile Wedge-Lock® Door Rails an additional DRA256 Series Cylinder Ring must be ordered separately.
- SFIC Cores must be ordered separately (see above).

BEST is a registered trademark of Stanley Security Solutions, Inc.
FALCON and Schlage are registered trademarks of Schlage Lock Company LLC.

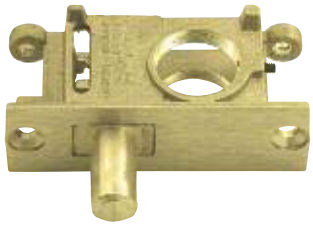
CRL Door Rail Floor Locks

MORE INFORMATION crlaurence.com

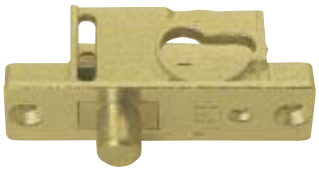
- Solid Brass Construction
- 5/8" (16 mm) Diameter Plunger Bolt
- Three Models Available



CAT. NO. 777S



CAT. NO. 777SL



CAT. NO. 777EC

All CRL Door Rail Floor Locks are made of solid brass for long, worry free use. Available in three models; Standard Mortise, Long Throw Mortise, and Standard European. The Standard Mortise is our default lock on all 4", 6", and 10" (102, 152, and 254 mm) Wedge-Lock® Door Rails. For cases where the standard 11/16" (17 mm) bolt projection is not long enough, we offer a Long Throw Mortise Lock that has an extended throw at 1-1/16" (27 mm) long. The new Standard European model works with our EC3 Series Keyed Cylinders on page CH111 (sold separately).

CAT. NO.	DESCRIPTION
777S	Standard Mortise Lock
777SL	Long Throw Mortise Lock
777EC	Standard European Lock

Minimum order: 1 each.

CRL Dustproof Keeper Without Mounting Plate

- Accepts 5/8" (16 mm) Diameter Plunger Bolt



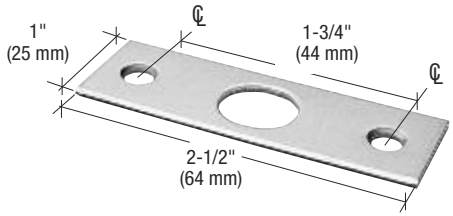
This CRL Dustproof Keeper is intended for use with our AMR205 Patch Lock, 777S, 777SL or 777EC Door Rail Floor Locks, Locking Ladder Pulls, or any other lock with a 5/8" (16 mm) plunger type latch bolt. Requires a 1" (25 mm) diameter hole drilled 2" (51 mm) into the floor for installation.

CAT. NO.	FINISH
AMR207PS	Polished Chrome
AMR207BR	Polished Brass
AMR207BN	Brushed Nickel

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Strike Plate

- Works With Door Rail Floor Lock Bolts



This CRL Metal Strike Plate will work with our AMR205 Patch Lock, 777S, 777SL or 777EC Door Rail Floor Locks, or any other lock with a 5/8" (16 mm) plunger type latch bolt. One per package with two screws.

CAT. NO.	FINISH
777SPSA	Clear Anodized
777SPDU	Black Bronze Anodized
777SPPS	Polished Stainless
777SPBS	Brushed Stainless
777SPPB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Dustproof Keeper With Mounting Plate

- Available in Three Finishes in Locking and Non-Locking Models
- Accepts 5/8" (16 mm) Diameter Plunger Bolt



Locking Keeper



Non-Locking Keeper

The CRL Dustproof Keeper With Mounting Plate works with our 777S, 777SL or 777EC Door Rail Floor Locks, Locking Ladder Pulls, and our AMR205A Patch Lock. Accepts 5/8" (16 mm) plunger from these or similar devices. Two styles available: Locking and Non-Locking. Keeper is packed with two flat head screws. Requires a 1" (25 mm) diameter hole drilled 2" (51 mm) into the floor for installation.

LOCKING CAT. NO.	FINISH	NON-LOCKING CAT. NO.
AMR209PS	Polished Chrome	AMR208PS
AMR209BR	Polished Brass	AMR208BR
AMR209BN	Brushed Nickel	AMR208BN

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Mortise Cylinder Combination Sets

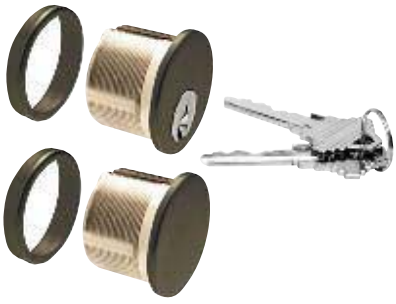
MORE CHOICES
crlaurence.com

- Choose From Cylinder/Thumbturn, Cylinder/Dummy, or Thumbturn/Dummy Combinations
- Fit All Standard CRL Door Rails With Standard Bottom Rail Lock
- Can Be Used as Replacements for Most Other Manufacturer's Bottom Rail Locks
- Five Architectural Finishes

CRL Mortise Keyed Cylinders, Thumbturns, and Dummy Cylinders are now available in convenient combination sets, which makes ordering for jobs simple. These Mortise Keyed Cylinder Sets provide the ultimate security and functionality for the CRL Wedge-Lock® Door Rail System. Used in conjunction with 777S and 777SL Door Rail Locks, 777SP Series Strike Plates, and AMR208 Series Dustproof Keepers (see page CH025). Installations and modifications are easy. Can also be used as replacements for most existing 'all-glass' doors. **NOTE:** All Cylinders are keyed alike. Randomly Keyed Cylinders are available on special order.



DRA1020
Cylinder/Thumbturn



DRA1030
Cylinder/Dummy



DRA2030
Thumbturn/Dummy

CYLINDER/THUMBTURN SET CAT. NO.	CYLINDER/DUMMY SET CAT. NO.	THUMBTURN/DUMMY SET CAT. NO.	FINISH
DRA1020SA	DRA1030SA	DRA2030SA	Satin Anodized
DRA1020DU	DRA1030DU	DRA2030DU	Bronze Anodized
DRA1020PS	DRA1030PS	DRA2030PS	Polished Stainless
DRA1020BS	DRA1030BS	DRA2030BS	Brushed Stainless
DRA1020PB	DRA1030PB	DRA2030PB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

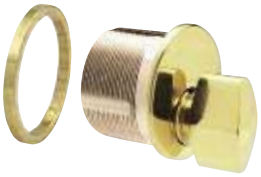
CRL Mortise Cylinders, Thumbturns, and Dummy Cylinders

- Fit All Standard CRL Door Rails With Standard Bottom Rail Lock
- Can Be Used as Replacements for Most Other Manufacturer's Bottom Rail Locks
- Unique Low Profile Thumbturn

CRL Mortise Keyed Cylinders, Thumbturns, Low Profile Thumbturns, and Dummy Cylinders provide the ultimate security and functionality for the CRL Wedge-Lock® Door Rail System. Used in conjunction with 777S and 777SL Door Rail Locks, 777SP Series Strike Plates, and AMR208 Series Dustproof Keepers (see page CH025). Installations and modifications are easy. Can also be used as replacements for most existing 'all-glass' doors. **NOTE:** Key Cylinders are available keyed alike or randomly (see below).



DRA10/DRA10K
Keyed Cylinder



DRA20
Thumbturn



DRA22
Low Profile Thumbturn



DRA30
Dummy Cylinder

KEYED ALIKE CYLINDER CAT. NO.	KEYED RANDOMLY CYLINDER CAT. NO.	THUMBTURN CAT. NO.	LOW PROFILE THUMBTURN CAT. NO.	DUMMY CYLINDER CAT. NO.	FINISH
DRA10SA	DRA10KDSA	DRA20SA	DRA22SA	DRA30SA	Satin Anodized
DRA10DU	DRA10KDDU	DRA20DU	DRA22DU	DRA30DU	Bronze Anodized
DRA10PS	DRA10KDPS	DRA20PS	DRA22PS	DRA30PS	Polished Stainless
DRA10BS	DRA10KDBS	DRA20BS	DRA22BS	DRA30BS	Brushed Stainless
DRA10PB	DRA10KDPB	DRA20PB	DRA22PB	DRA30PB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Mortise Cylinders and Thumbturns

- Work With Adams Rite® MS Type Locks
- Replacement Cylinders and Thumbturns for All CRL 4" x 10" Center Lock Housings
- Five Architectural Finishes

These CRL Keyed Cylinders and Thumbturns are designed as replacements on all of our standard 4" x 10" (102 x 254 mm) Center Lock Housings. They can also be used as replacements in Adams Rite® MS Type Locks. These are a good item to stock if you regularly work in the repair and maintenance of aluminum storefront doors. **NOTE:** All Cylinders are keyed alike. Randomly Keyed Cylinders are available on special order.

MORE CHOICES crlaurence.com



DRA50
Keyed Cylinder



DRA60
Thumbturn



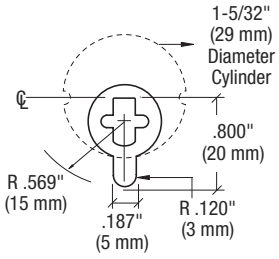
DRA5060
Cylinder/Thumbturn

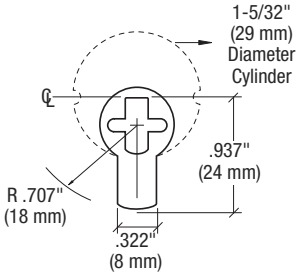
KEYED CYLINDER CAT. NO.	THUMBTURN CAT. NO.	CYLINDER/THUMBTURN SET CAT. NO.	FINISH
DRA50SA	DRA60SA	DRA5060SA	Satin Anodized
DRA50DU	DRA60DU	DRA5060DU	Bronze Anodized
DRA50PS	DRA60PS	DRA5060PS	Polished Stainless
DRA50BS	DRA60BS	DRA5060BS	Brushed Stainless
DRA50PB	DRA60PB	DRA5060PB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Mortise Cylinder Cams

The DRACAM is a CRL Adams Rite® style cam. The DRA10CAM is used on CRL Wedge-Lock® Rail Systems requiring a longer cam. One per package. Minimum order is one each.







CAT. NO. DRACAM

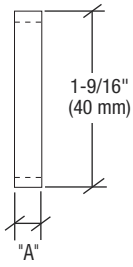


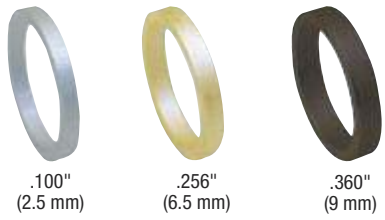
CAT. NO. DRA10CAM

Adams Rite is a registered trademark of Adams Rite Manufacturing Company.

CRL DRA Series Straight Cylinder Rings

- Three Thicknesses to Choose From





These CRL Mortise Cylinder Rings fit the DRA Series Cylinders shown above and on opposite page. One per package.

CAT. NO.	THICKNESS	FINISH
DRA100BS	.100" (2.5 mm)	Brushed Stainless
DRA100DU	.100" (2.5 mm)	Bronze Anodized
DRA100PB	.100" (2.5 mm)	Polished Brass
DRA100PS	.100" (2.5 mm)	Polished Stainless
DRA100SA	.100" (2.5 mm)	Clear Anodized
DRA256BS	.256" (6.5 mm)	Brushed Stainless
DRA256DU	.256" (6.5 mm)	Bronze Anodized
DRA256PB	.256" (6.5 mm)	Polished Brass
DRA256PS	.256" (6.5 mm)	Polished Stainless
DRA256SA	.256" (6.5 mm)	Clear Anodized
DRA360BS	.360" (9 mm)	Brushed Stainless
DRA360DU	.360" (9 mm)	Bronze Anodized
DRA360PB	.360" (9 mm)	Polished Brass
DRA360PS	.360" (9 mm)	Polished Stainless
DRA360SA	.360" (9 mm)	Clear Anodized

Minimum order: 1 each. All Cylinder Rings can be combined for quantity pricing.

CRL Weatherstrip Kits for Heavy Glass Doors With Door Rails

- Low Profile Maximizes 'All-Glass' Look
- Reduces Drafts Without Detracting From Appearance of Door
- Clear Polycarbonate or Metal Channel for 1/2" (12 mm) Thick Glass

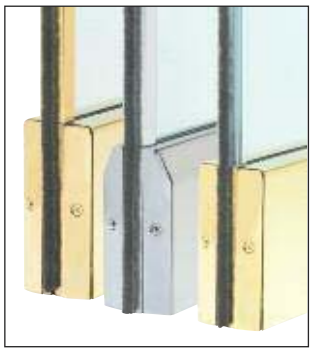






CRL Weatherstrip Kits for 'all-glass' doors are available to fit doors using our 4" (102 mm) Tapered or Square Door Rails. The Kits include a 98" (2.49 m) length of either Clear Polycarbonate or polished finish Aluminum Extrusions with 106" (2.69 m) of Wool Pile Weatherstrip, plus a top and bottom Split End Cap with a Center Weatherstrip Receptacle Bar. All Weatherstrip Kits are easy to install using our Transparent Very Hi-Bond Tape (see page SD129).
IMPORTANT NOTE: The door glass width will need to be reduced by 1/4" (6 mm) on each side that the Weatherstrip Kits are to be installed on.

MORE INFORMATION crlaurence.com



Full Length Wool Pile Weatherstrip

KITS FOR LOW PROFILE 2-5/16" (59 MM) SQUARE RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
2CSW12SA	---	Satin Anodized
2CSW12DU	---	Black Bronze Anodized
2CSW12BS	2MSW12BS	Brushed Stainless
2CSW12PS	2MSW12PS	Polished Stainless
2CSW12PB	2MSW12PB	Polished Brass

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

KITS FOR LOW PROFILE 2-5/16" (59 MM) TAPERED RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
2CTW12SA	---	Satin Anodized
2CTW12DU	---	Black Bronze Anodized
2CTW12BS	2MTW12BS	Brushed Stainless
2CTW12PS	2MTW12PS	Polished Stainless
2CTW12PB	2MTW12PB	Polished Brass

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

KITS FOR 4" (102 MM) SQUARE RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
CSW12SA	---	Satin Anodized
CSW12DU	---	Black Bronze Anodized
CSW12BS	MSW12BS	Brushed Stainless
CSW12PS	MSW12PS	Polished Stainless
CSW12PB	MSW12PB	Polished Brass

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

KITS FOR 4" (102 MM) TAPERED RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
CTW12SA	---	Satin Anodized
CTW12DU	---	Black Bronze Anodized
CTW12BS	MTW12BS	Brushed Stainless
CTW12PS	MTW12PS	Polished Stainless
CTW12PB	MTW12PB	Polished Brass

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

KITS FOR 6" (152 MM) SQUARE RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
6CSW12SA	---	Satin Anodized
6CSW12DU	---	Black Bronze Anodized
6CSW12BS	6MSW12BS	Brushed Stainless
6CSW12PS	6MSW12PS	Polished Stainless
6CSW12PB	6MSW12PB	Polished Brass

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

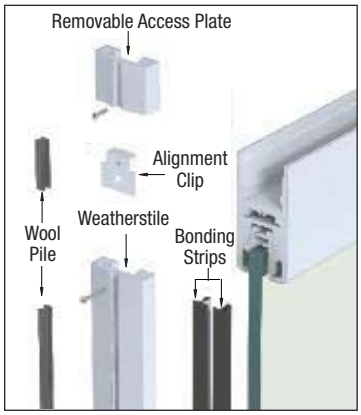
KITS FOR 10" (254 MM) SQUARE RAILS

CLEAR POLYCARBONATE CAT. NO.	ALUMINUM CAT. NO.	FINISH
10CSW12SA	---	Satin Anodized
10CSW12DU	---	Black Bronze Anodized
10CSW12BS	10MSW12BS	Brushed Stainless
10CSW12PS	10MSW12PS	Polished Stainless
10CSW12PB	10MSW12PB	Polished Brass

Minimum order: 1 each. All Weatherstrip Kits can be combined for quantity pricing.

CRL Vertical Weatherstile Kits

- Kits for 1/2" or 3/4" (12 mm or 19 mm) Tempered Glass Doors
- Reduces Drafts and Protects the Edge of the Glass
- Works Only With CRL DRS Wedge-Lock® Door Rails for Both Single and Double Door Applications
- Five Cladded Architectural Finishes



Vertical Weatherstile Assembly

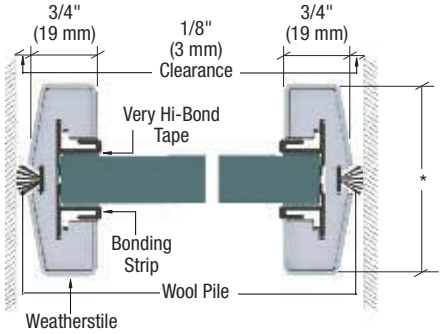


CRL Vertical Weatherstile Kits are for use with newly fabricated single or double doors utilizing CRL DRS Rails.

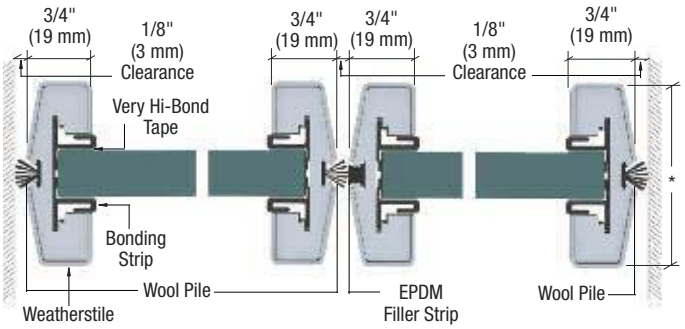
Installation is accomplished with internal Bonding Strips that attach to the glass with Very Hi-Bond Tape for a secure and accurate fit every time. This replaces the traditional glue-on weatherstile that would need time for adhesive to set prior to installation.

NOTE: CRL Vertical Weatherstiles are intended only for use on newly fabricated doors being installed into a new or existing opening. They cannot be used on existing doors with pre-installed door rails.

CRL Vertical Weatherstile Kits include two 117" (2.97 m) lengths of Weatherstile with Wool Pile Weatherstrip, one 120" (3.05 m) length of black EPDM Filler Strip (for double door applications), four 117" (2.97 m) lengths of Bonding Strips with Very Hi-Bond Tape, four 1-1/2" (38 mm) tall Weatherstripped Removable Access Plates with Alignment Clips, and installation instructions. Custom lengths up to 117" (2.97 m) are available on special order.



SINGLE DOOR



DOUBLE DOOR

* Overall width is 2" (51 mm) for 1/2" (12 mm) glass; 2-1/4" (57 mm) for 3/4" (19 mm) glass.

KITS FOR 1/2" (12 MM) GLASS

CAT. NO.	CLADDED FINISH
W12SAS	Satin Anodized
W12DUS	Black Bronze Anodized
W12BSS	Brushed Stainless
W12PSS	Polished Stainless
W12PBS	Polished Brass

Minimum order: 1 set. Finishes can be combined for quantity pricing. All Weatherstiles have a cladded finish.



KITS FOR 3/4" (19 MM) GLASS

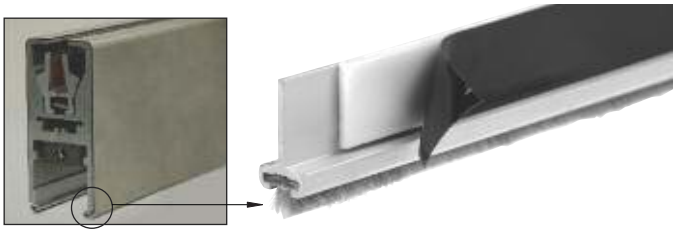
CAT. NO.	CLADDED FINISH
W34SAS	Satin Anodized
W34DUS	Black Bronze Anodized
W34BSS	Brushed Stainless
W34PSS	Polished Stainless
W34PBS	Polished Brass

Minimum order: 1 set. Finishes can be combined for quantity pricing. All Weatherstiles have a cladded finish.

CRL Pile Weatherstrip for Door Rails

- Specially Designed to Help Reduce Air and Water Infiltration
- Fits All CRL Door Rails
- Available in Two Finishes

MORE CHOICES crlaurence.com



Pile Weatherstrips attach without modifications to the specially designed recess on the inside of the Door Rail using the Very Hi-Bond Tape that is already attached to each piece.

Our Door Rails are designed specifically to receive the Pile Weatherstrips in a way that will not obstruct the standard hardware used in the Door Rails. You can order them to fit stock Door Rails, or in 144" (3.66 m) stock lengths that can be cut to fit custom door rails.

CAT. NO.	TYPE	FINISH	UNIT
DRWSAS	Single Door Rail	Satin Anodized	Set of 2
DRWDUS	Single Door Rail	Black Bronze Anodized	Set of 2
DRWSA144	*Stock Length	Satin Anodized	144" (3.66 m)
DRWDU144	*Stock Length	Black Bronze Anodized	144" (3.66 m)

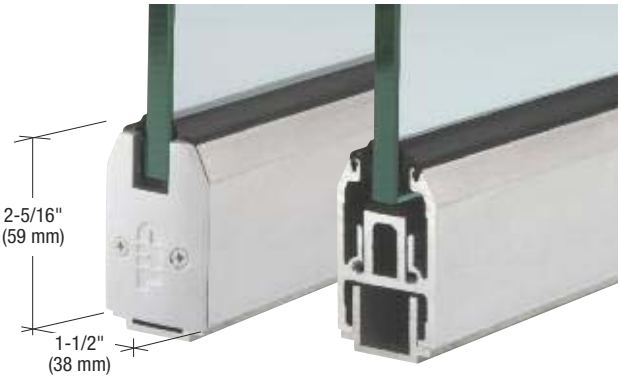
Minimum order: 1 set or stock length. Finishes can be combined for quantity pricing. Packing Charge added to orders of fewer than 5 combined lengths of DRWSA144 and DRWDU144. *Stock lengths must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Low Profile Dry Glaze Tapered Sidelite Rails

For 3/8" or 1/2" (10 or 12 mm) Glass

- Low Profile 2-5/16" (59 mm) Rails Provide an Even Sight Line With Our Low Profile Door Rails
- Reversible Extruded Saddle to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Vinyl Provided to Use With 1/2" (12 mm) Glass; Vinyl for 3/8" (10 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH007)





USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

MORE INFORMATION crlaurence.com

These CRL Low Profile Tapered Sidelite Rails measure only 2-5/16" (59 mm) tall by 1-1/2" (38 mm) wide, a perfect match for our Low Profile Door Rails. The included Reversible Saddle allows you to maintain a perfect sight line even when using a 1/2" (13 mm) threshold under the door. Choose from six architectural finishes.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send an e-mail to crlaurence.com/support.

ORDERING INFORMATION:

- End Caps and Setting Blocks must be ordered separately.
- Custom lengths and finishes available on special order.
- Low Profile Sidelite Rails come with vinyl to glaze 1/2" (12 mm) glass. If using 3/8" (10 mm) glass, GGT38 Series Vinyl must be ordered separately.

LOW PROFILE TAPERED SIDELITE RAILS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR2TSA12SL	*Satin Anodized	120" (3.05 m)
SR2TDU12SL	*Black Bronze Anodized	120" (3.05 m)
SR2TBL12SL	*Black Powder Coat	120" (3.05 m)
SR2TBS12SL	*Brushed Stainless	120" (3.05 m)
SR2TPS12SL	*Polished Stainless	120" (3.05 m)
SR2TPB12SL	*Polished Brass	120" (3.05 m)
SR2TSA12240	*Satin Anodized	240" (6.10 m)
SR2TDU12240	*Black Bronze Anodized	240" (6.10 m)
SR2TBL12240	*Black Powder Coat	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

CUSTOM LENGTH LOW PROFILE TAPERED SIDELITE RAILS

CAT. NO.	FINISH	LENGTH
SR2TSA12CL	*Satin Anodized	Custom up to 240" (6.10 m)
SR2TDU12CL	*Black Bronze Anodized	Custom up to 240" (6.10 m)
SR2TBL12CL	*Black Powder Coat	Custom up to 240" (6.10 m)
SR2TBS12CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR2TPS12CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR2TPB12CL	*Polished Brass	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

END CAPS FOR LOW PROFILE TAPERED SIDELITE RAILS

CAT. NO.	FINISH
SREC2TSA	Satin Anodized
SREC2TDU	Black Bronze Anodized
SREC2TBL	Black Powder Coat
SREC2TBS	Brushed Stainless
SREC2TPS	Polished Stainless
SREC2TPB	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)

CAT. NO. UCSB4
Minimum order is one each.

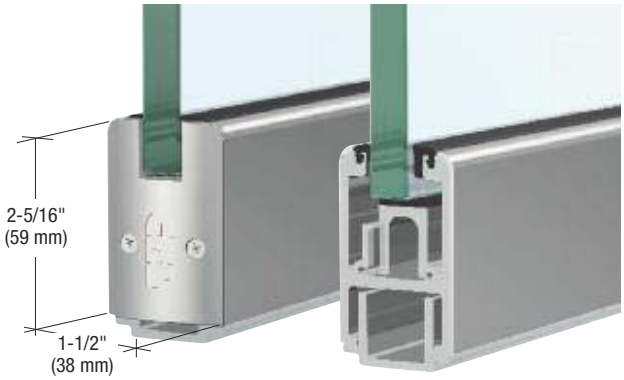


CRL Low Profile Dry Glaze Square Sidelite Rails

For 3/8" or 1/2" (10 or 12 mm) Glass

- Low Profile 2-5/16" (59 mm) Rails Provide an Even Sight Line With Our Low Profile Door Rails
- Reversible Extruded Saddle to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Vinyl Provided to Use With 1/2" (12 mm) Glass; Vinyl for 3/8" (10 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH008)





USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

MORE CHOICES crlaurence.com

These CRL Low Profile Square Sidelite Rails measure only 2-5/16" (59 mm) tall by 1-1/2" (38 mm) wide, a perfect match for our Low Profile Door Rails. The included Reversible Saddle allows you to maintain a perfect sight line even when using a 1/2" (13 mm) threshold under the door. Choose from six architectural finishes.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send an e-mail to **crlaurence.com/support**.

ORDERING INFORMATION:

- End Caps and Setting Blocks must be ordered separately.
- Custom lengths and finishes available on special order.
- Low Profile Sidelite Rails come with vinyl to glaze 1/2" (12 mm) glass. If using 3/8" (10 mm) glass, Cat. No. GGT38 Series Vinyl must be ordered separately.

LOW PROFILE SQUARE SIDELITE RAILS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR2SSA12SL	*Satin Anodized	120" (3.05 m)
SR2SDU12SL	*Black Bronze Anodized	120" (3.05 m)
SR2SBL12SL	*Black Powder Coat	120" (3.05 m)
SR2SBS12SL	*Brushed Stainless	120" (3.05 m)
SR2SPS12SL	*Polished Stainless	120" (3.05 m)
SR2SPB12SL	*Polished Brass	120" (3.05 m)
SR2SSA12240	*Satin Anodized	240" (6.10 m)
SR2SDU12240	*Black Bronze Anodized	240" (6.10 m)
SR2SBL12240	*Black Powder Coat	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

END CAPS FOR LOW PROFILE SIDELITE RAILS

CAT. NO.	FINISH
SREC2SSA	Satin Anodized
SREC2SDU	Black Bronze Anodized
SREC2SBL	Black Powder Coat
SREC2SBS	Brushed Stainless
SREC2SPS	Polished Stainless
SREC2SPB	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



CUSTOM LENGTH LOW PROFILE SQUARE SIDELITE RAILS

CAT. NO.	FINISH	LENGTH
SR2SSA12CL	*Satin Anodized	Custom up to 240" (6.10 m)
SR2SDU12CL	*Black Bronze Anodized	Custom up to 240" (6.10 m)
SR2SBL12CL	*Black Powder Coat	Custom up to 240" (6.10 m)
SR2SBS12CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR2SPS12CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR2SPB12CL	*Polished Brass	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)

CAT. NO. UCSB4
Minimum order is one each.



CRL 4" Tapered Shape Dry Glaze Sidelite Rails

For 3/8" or 1/2" (10 or 12 mm) Glass

- Reversible Extruded Saddle to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Provides Even Sightline With Our Door Rails
- Vinyl Provided to Use With 1/2" (12 mm) Glass; Vinyl for 3/8" (10 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH009)









MORE INFORMATION
crlaurence.com

4" TAPERED SIDELITE RAILS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR4TSA3812SL	Satin Anodized	120" (3.05 m)
SR4TDU3812SL	Black Bronze Anodized	120" (3.05 m)
SR4TBL3812SL	Black Powder Coat	120" (3.05 m)
SR4TBS3812SL	*Brushed Stainless	120" (3.05 m)
SR4TPS3812SL	*Polished Stainless	120" (3.05 m)
SR4TPB3812SL	*Polished Brass	120" (3.05 m)
SR4TSA3812240	Satin Anodized	240" (6.10 m)
SR4TDU3812240	Black Bronze Anodized	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

CUSTOM LENGTH 4" TAPERED SIDELITE RAILS

CAT. NO.	FINISH	LENGTH
SR4TSA3812CL	Satin Anodized	Custom up to 240" (6.10 m)
SR4TDU3812CL	Black Bronze Anodized	Custom up to 240" (6.10 m)
SR4TBL3812CL	Black Powder Coat	Custom up to 240" (6.10 m)
SR4TBS3812CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR4TPS3812CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR4TPB3812CL	*Polished Brass	Custom up to 240" (6.10 m)
SR4T0RB3812CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.



ORDERING INFORMATION:

- Sidelite Rails on this page come with vinyl to glaze 1/2" (12 mm) glass. If using 3/8" (10 mm) glass, GGT38 Series Vinyl must be ordered separately.
- All models are available in 120" (3.05 m) lengths. Selected finishes are also offered in 240" (6.10 m) lengths.
- Custom lengths and finishes are also available.
- SREC4T Series End Caps and Cat. No. UCSB4 Setting Blocks must be ordered separately.



Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance

END CAPS FOR 4" TAPERED SIDELITE RAILS

CAT. NO.	FINISH
SREC4TSA	Satin Anodized
SREC4TDU	Black Bronze Anodized
SREC4TBL	Black Powder Coat
SREC4TBS	Brushed Stainless
SREC4TPS	Polished Stainless
SREC4TPB	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)



CAT. NO. UCSB4
Minimum order is one each.

CRL 4" Square Shape Dry Glaze Sidelite Rails

For 3/8" or 1/2" (10 or 12 mm) Glass

- Reversible Extruded Saddle to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Provides Even Sightline With Our Door Rails
- Vinyl Provided to Use With 1/2" (12 mm) Glass; Vinyl for 3/8" (10 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH010)





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ARCH. SPEC. ONLINE

CRL US ALUMINUM MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com

ORDERING INFORMATION:

- Sidelite Rails on this page come with vinyl to glaze 1/2" (12 mm) glass. If using 3/8" (10 mm) glass, GG38 Series Vinyl must be ordered separately.
- All models are available in 120" (3.05 m) lengths. Selected finishes are also offered in 240" (6.10 m) lengths.
- Custom lengths and finishes are also available.
- SREC4S Series End Caps and Cat. No. UCSB4 Setting Blocks must be ordered separately.



Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance

4" SQUARE SIDELITE RAILS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR4SSA3812SL	Satin Anodized	120" (3.05 m)
SR4SDU3812SL	Black Bronze Anodized	120" (3.05 m)
SR4SBL3812SL	Black Powder Coat	120" (3.05 m)
SR4SBS3812SL	*Brushed Stainless	120" (3.05 m)
SR4SPS3812SL	*Polished Stainless	120" (3.05 m)
SR4SPB3812SL	*Polished Brass	120" (3.05 m)
SR4SSA3812240	Satin Anodized	240" (6.10 m)
SR4SDU3812240	Black Bronze Anodized	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

END CAPS FOR 4" SQUARE SIDELITE RAILS

CAT. NO.	FINISH
SREC4SSA	Satin Anodized
SREC4SDU	Black Bronze Anodized
SREC4SBL	Black Powder Coat
SREC4SBS	Brushed Stainless
SREC4SPS	Polished Stainless
SREC4SPB	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



CUSTOM LENGTH 4" SQUARE SIDELITE RAILS

CAT. NO.	FINISH	LENGTH
SR4SSA3812CL	Satin Anodized	Custom up to 240" (6.10 m)
SR4SDU3812CL	Black Bronze Anodized	Custom up to 240" (6.10 m)
SR4SBL3812CL	Black Powder Coat	Custom up to 240" (6.10 m)
SR4SBS3812CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR4SPS3812CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR4SPB3812CL	*Polished Brass	Custom up to 240" (6.10 m)
SR4S0RB3812CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)



CAT. NO. UCSB4
Minimum order is one each.

CRL 6" Square Shape Dry Glaze Sidelite Rails

For 3/8" or 1/2" (10 or 12 mm) Glass

- Reversible Extruded Saddle to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Provides Even Sightline With Our Door Rails
- Vinyl Provided to Use With 1/2" (12 mm) Glass; Vinyl for 3/8" (10 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH011)





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MORE MODELS crlaurence.com

ORDERING INFORMATION:

- Sidelite Rails on this page come with vinyl to glaze 1/2" (12 mm) glass. If using 3/8" (10 mm) glass, GG38 Series Vinyl must be ordered separately.
- All models are available in 120" (3.05 m) lengths. Selected finishes are also offered in 240" (6.10 m) lengths.
- Custom lengths and finishes are also available.
- SREC6S Series End Caps and Cat. No. UCSB4 Setting Blocks must be ordered separately.



Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance

6" SQUARE SIDELITE RAILS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR6SSA3812SL	*Satin Anodized	120" (3.05 m)
SR6SDU3812SL	*Black Bronze Anodized	120" (3.05 m)
SR6SBL3812SL	*Black Powder Coat	120" (3.05 m)
SR6SBS3812SL	*Brushed Stainless	120" (3.05 m)
SR6SPS3812SL	*Polished Stainless	120" (3.05 m)
SR6SPB3812SL	*Polished Brass	120" (3.05 m)
SR6SSA3812240	*Satin Anodized	240" (6.10 m)
SR6SDU3812240	*Black Bronze Anodized	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

CUSTOM LENGTH 6" SQUARE SIDELITE RAILS

CAT. NO.	FINISH	LENGTH
SR6SSA3812CL	*Satin Anodized	Custom up to 240" (6.10 m)
SR6SDU3812CL	*Black Bronze Anodized	Custom up to 240" (6.10 m)
SR6SBL3812CL	*Black Powder Coat	Custom up to 240" (6.10 m)
SR6SBS3812CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR6SPS3812CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR6SPB3812CL	*Polished Brass	Custom up to 240" (6.10 m)
SR6S0RB3812CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

END CAPS FOR 6" SQUARE SIDELITE RAILS

CAT. NO.	FINISH
SREC6SSA	Satin Anodized
SREC6SDU	Black Bronze Anodized
SREC6SBL	Black Powder Coat
SREC6SBS	Brushed Stainless
SREC6SPS	Polished Stainless
SREC6SPB	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)



CAT. NO. UCSB4
Minimum order is one each.

CRL 10" Square Shape Dry Glaze Sidelite Rails

For 3/8" or 1/2" (10 or 12 mm) Glass

- Reversible Extruded Saddle to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Provides Even Sightline With Our Door Rails
- Vinyl Provided to Use With 1/2" (12 mm) Glass; Vinyl for 3/8" (10 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH012)



ORDERING INFORMATION:

- Sidelite Rails on this page come with vinyl to glaze 1/2" (12 mm) glass. If using 3/8" (10 mm) glass, GG38 Series Vinyl must be ordered separately.
- All models are available in 120" (3.05 m) lengths. Selected finishes are also offered in 240" (6.10 m) lengths.
- Custom lengths and finishes are also available.
- SREC10S Series End Caps and Cat. No. UCSB4 Setting Blocks must be ordered separately.



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Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance

10" SQUARE SIDELITE RAILS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR10SSA3812SL	*Satin Anodized	120" (3.05 m)
SR10SDU3812SL	*Black Bronze Anodized	120" (3.05 m)
SR10SBL3812SL	*Black Powder Coat	120" (3.05 m)
SR10SBS3812SL	*Brushed Stainless	120" (3.05 m)
SR10SPS3812SL	*Polished Stainless	120" (3.05 m)
SR10SPB3812SL	*Polished Brass	120" (3.05 m)
SR10SSA3812240	*Satin Anodized	240" (6.10 m)
SR10SDU3812240	*Black Bronze Anodized	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

CUSTOM LENGTH 10" SQUARE SIDELITE RAILS

CAT. NO.	FINISH	LENGTH
SR10SSA3812CL	*Satin Anodized	Custom up to 240" (6.10 m)
SR10SDU3812CL	*Black Bronze Anodized	Custom up to 240" (6.10 m)
SR10SBL3812CL	*Black Powder Coat	Custom up to 240" (6.10 m)
SR10SBS3812CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR10SPS3812CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR10SPB3812CL	*Polished Brass	Custom up to 240" (6.10 m)
SR10S0RB3812CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that vinyl be ordered separately.

END CAPS FOR 10" SQUARE SIDELITE RAILS

CAT. NO.	FINISH
SREC10SSA	Satin Anodized
SREC10SDU	Black Bronze Anodized
SREC10SBL	Black Powder Coat
SREC10SBS	Brushed Stainless
SREC10SPS	Polished Stainless
SREC10SPB	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)

CAT. NO. UCSB4
Minimum order is one each.



CRL 4" Tapered Shape Dry Glaze Sidelite Rails

For 5/8" or 3/4" (16 or 19 mm) Glass

- Reversible Extruded Saddle to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Provides Even Sightline With Our Door Rails
- Vinyl Provided to Use With 3/4" (19 mm) Glass; Vinyl for 5/8" (16 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH016)







CRL US ALUMINUM MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com



ORDERING INFORMATION:

- Sidelite Rails on this page come with vinyl to glaze 3/4" (19 mm) glass. If using 5/8" (16 mm) glass, GGT38 Series Vinyl must be ordered separately.
- All models are available in 120" (3.05 m) lengths. Selected finishes are also offered in 240" (6.10 m) lengths.
- Custom lengths and finishes are also available.
- SREC4T Series End Caps (for 3/4" Glass) and Cat. No. UCSB4 Setting Blocks must be ordered separately.



Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance

4" TAPERED SIDELITE RAILS FOR 3/4" (19 MM) GLASS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR4TSA34SL	Satin Anodized	120" (3.05 m)
SR4TDU34SL	Black Bronze Anodized	120" (3.05 m)
SR4TBL34SL	Black Powder Coat	120" (3.05 m)
SR4TBS34SL	*Brushed Stainless	120" (3.05 m)
SR4TPS34SL	*Polished Stainless	120" (3.05 m)
SR4TPB34SL	*Polished Brass	120" (3.05 m)
SR4TSA34240	Satin Anodized	240" (6.10 m)
SR4TDU34240	Black Bronze Anodized	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that vinyl be ordered separately.

END CAPS FOR 4" TAPERED SIDELITE RAILS FOR 3/4" (19 MM) GLASS

CAT. NO.	FINISH
SREC4TSA34	Satin Anodized
SREC4TDU34	Black Bronze Anodized
SREC4TBL34	Black Powder Coat
SREC4TBS34	Brushed Stainless
SREC4TPS34	Polished Stainless
SREC4TPB34	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



CUSTOM LENGTH 4" TAPERED SIDELITE RAILS FOR 3/4" (19 MM) GLASS

CAT. NO.	FINISH	LENGTH
SR4TSA34CL	Satin Anodized	Custom up to 240" (6.10 m)
SR4TDU34CL	Black Bronze Anodized	Custom up to 240" (6.10 m)
SR4TBL34CL	Black Powder Coat	Custom up to 240" (6.10 m)
SR4TBS34CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR4TPS34CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR4TPB34CL	*Polished Brass	Custom up to 240" (6.10 m)
SR4T0RB34CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that vinyl be ordered separately.

4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)



CAT. NO. UCSB4
Minimum order is one each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL 4" Square Shape Dry Glaze Sidelite Rails

For 5/8" or 3/4" (16 or 19 mm) Glass

- Reversible Extruded Saddle to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Provides Even Sightline With Our Door Rails
- Vinyl Provided to Use With 3/4" (19 mm) Glass; Vinyl for 5/8" (16 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH017)





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MORE INFORMATION crlaurence.com

4" SQUARE SIDELITE RAILS FOR 3/4" (19 MM) GLASS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR4SSA34SL	Satin Anodized	120" (3.05 m)
SR4SDU34SL	Black Bronze Anodized	120" (3.05 m)
SR4SBL34SL	Black Powder Coat	120" (3.05 m)
SR4SBS34SL	*Brushed Stainless	120" (3.05 m)
SR4SPS34SL	*Polished Stainless	120" (3.05 m)
SR4SPB34SL	*Polished Brass	120" (3.05 m)
SR4SSA34240	Satin Anodized	240" (6.10 m)
SR4SDU34240	Black Bronze Anodized	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that vinyl be ordered separately.

CUSTOM LENGTH 4" SQUARE SIDELITE RAILS FOR 3/4" (19 MM) GLASS

CAT. NO.	FINISH	LENGTH
SR4SSA34CL	Satin Anodized	Custom up to 240" (6.10 m)
SR4SDU34CL	Black Bronze Anodized	Custom up to 240" (6.10 m)
SR4SBL34CL	Black Powder Coat	Custom up to 240" (6.10 m)
SR4SBS34CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR4SPS34CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR4SPB34CL	*Polished Brass	Custom up to 240" (6.10 m)
SR4S0RB34CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that vinyl be ordered separately.

ORDERING INFORMATION:

- Sidelite Rails on this page come with vinyl to glaze 3/4" (19 mm) glass. If using 5/8" (16 mm) glass, GG38 Series Vinyl must be ordered separately.
- All models are available in 120" (3.05 m) lengths. Selected finishes are also offered in 240" (6.10 m) lengths.
- Custom lengths and finishes are available.
- SREC4S Series End Caps (for 3/4" Glass) and Cat. No. UCSB4 Setting Blocks must be ordered separately.



Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance

END CAPS FOR 4" SQUARE SIDELITE RAILS FOR 3/4" (19 MM) GLASS

CAT. NO.	FINISH
SREC4SSA34	Satin Anodized
SREC4SDU34	Black Bronze Anodized
SREC4SBL34	Black Powder Coat
SREC4SBS34	Brushed Stainless
SREC4SPS34	Polished Stainless
SREC4SPB34	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)



CAT. NO. UCSB4
Minimum order is one each.

CRL 6" Square Shape Dry Glaze Sidelite Rails

For 5/8" or 3/4" (16 or 19 mm) Glass

- Extruded Saddle is Reversible to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Provides Even Sightline With Our Door Rails
- Vinyl Provided to Use With 3/4" (19 mm) Glass; Vinyl for 5/8" (16 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH018)





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MORE INFORMATION crlaurence.com

ORDERING INFORMATION:

- Sidelite Rails on this page come with vinyl to glaze 3/4" (19 mm) glass. If using 5/8" (16 mm) glass, GG38 Series Vinyl must be ordered separately.
- All models are available in 120" (3.05 m) lengths.
- Custom lengths and finishes are also available.
- SREC6S Series End Caps (for 3/4" Glass) and Cat. No. UCSB4 Setting Blocks must be ordered separately.



Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance

6" SQUARE SIDELITE RAILS FOR 3/4" (19 MM) GLASS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR6SSA34SL	*Satin Anodized	120" (3.05 m)
SR6SDU34SL	*Black Bronze Anodized	120" (3.05 m)
SR6SBL34SL	*Black Powder Coat	120" (3.05 m)
SR6SBS34SL	*Brushed Stainless	120" (3.05 m)
SR6SPS34SL	*Polished Stainless	120" (3.05 m)
SR6SPB34SL	*Polished Brass	120" (3.05 m)
SR6SSA34240	*Satin Anodized	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that vinyl be ordered separately.

CUSTOM LENGTH 6" SQUARE SIDELITE RAILS FOR 3/4" (19 MM) GLASS

CAT. NO.	FINISH	LENGTH
SR6SSA34CL	*Satin Anodized	Custom up to 240" (6.10 m)
SR6SDU34CL	*Black Bronze Anodized	Custom up to 240" (6.10 m)
SR6SBL34CL	*Black Powder Coat	Custom up to 240" (6.10 m)
SR6SBS34CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR6SPS34CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR6SPB34CL	*Polished Brass	Custom up to 240" (6.10 m)
SR6S0RB34CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that vinyl be ordered separately.

END CAPS FOR 6" SQUARE SIDELITE RAILS FOR 3/4" (19 MM) GLASS

CAT. NO.	FINISH
SREC6SSA34	Satin Anodized
SREC6SDU34	Black Bronze Anodized
SREC6SBL34	Black Powder Coat
SREC6SBS34	Brushed Stainless
SREC6SPS34	Polished Stainless
SREC6SPB34	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)



CAT. NO. UCSB4
Minimum order is one each.

CRL 10" Square Shape Dry Glaze Sidelite Rails

For 5/8" or 3/4" (16 or 19 mm) Glass

- Extruded Saddle is Reversible to Match 1/4" or 3/4" (6 or 19 mm) Door Clearances
- Provides Even Sightline With Our Door Rails
- Vinyl Provided to Use With 3/4" (19 mm) Glass; Vinyl for 5/8" (16 mm) Glass Ordered Separately
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page CH019)



ORDERING INFORMATION:

- Sidelite Rails on this page come with vinyl to glaze 3/4" (19 mm) glass. If using 5/8" (16 mm) glass, GG38 Series Vinyl must be ordered separately.
- All models are available in 120" (3.05 m) lengths. Selected finishes are also offered in 240" (6.10 m) lengths.
- Custom lengths and finishes are available.
- SREC10S Series End Caps (for 3/4" Glass) and Cat. No. UCSB4 Setting Blocks must be ordered separately.



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Top Load E.P.D.M. Glazing Gasket



Reversible Saddle Positioned for 1/4" (6 mm) Clearance



Reversible Saddle Positioned for 3/4" (19 mm) Clearance

10" SQUARE SIDELITE RAILS FOR 3/4" (19 MM) GLASS - STOCK MODELS READY TO SHIP

CAT. NO.	FINISH	LENGTH
SR10SSA34SL	*Satin Anodized	120" (3.05 m)
SR10SDU34SL	*Black Bronze Anodized	120" (3.05 m)
SR10SBL34SL	*Black Powder Coat	120" (3.05 m)
SR10SBS34SL	*Brushed Stainless	120" (3.05 m)
SR10SPS34SL	*Polished Stainless	120" (3.05 m)
SR10SPB34SL	*Polished Brass	120" (3.05 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that vinyl be ordered separately.

CUSTOM LENGTH 10" SQUARE SIDELITE RAILS FOR 3/4" (19 MM) GLASS

CAT. NO.	FINISH	LENGTH
SR10SSA34CL	*Satin Anodized	Custom up to 240" (6.10 m)
SR10SDU34CL	*Black Bronze Anodized	Custom up to 240" (6.10 m)
SR10SBL34CL	*Black Powder Coat	Custom up to 240" (6.10 m)
SR10SBS34CL	*Brushed Stainless	Custom up to 240" (6.10 m)
SR10SPS34CL	*Polished Stainless	Custom up to 240" (6.10 m)
SR10SPB34CL	*Polished Brass	Custom up to 240" (6.10 m)
SR10S0RB34CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish.
NOTE: Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that vinyl be ordered separately.

END CAPS FOR 10" SQUARE SIDELITE RAILS FOR 3/4" (19 MM) GLASS

CAT. NO.	FINISH
SREC10SSA34	Satin Anodized
SREC10SDU34	Black Bronze Anodized
SREC10SBL34	Black Powder Coat
SREC10SBS34	Brushed Stainless
SREC10SPS34	Polished Stainless
SREC10SPB34	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" ALUMINUM AND NEOPRENE SETTING BLOCK

Designed to be placed in bottom Sidelite Rail when used in 'lift and drop' installations.

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)



CAT. NO. UCSB4
Minimum order is one each.

CRL Shallow U-Channel With Top Load Roll-in Glazing Gasket

- Uses Top Loading Roll-In Glazing Gasket for 3/8" and 1/2" (10 and 12 mm) Glass
- Ideal for Recessed 'All-Glass' Installations
- Ready-to-Ship Models From CRL Inventory
- Nine Standard Architectural Finishes
- Custom Finishes and Powder Painting Available
- Custom Lengths Available

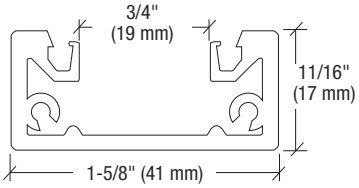




CRL Shallow U-Channel can be used for a variety of installations, such as for a sash channel above a header, on walls or floors where either drywall or finished flooring can conceal the channel creating a truly 'All-Glass' look. Stock lengths are sold in 120" (3.05 m) or 240" (6.10 m) lengths.

NOTE: For installations using 1/2" (12 mm) glass, the Roll-In Glazing Gasket is included in the package. If using 3/8" (10 mm) glass the Roll-In Glazing Gasket must be ordered separately.





Non-Clad Finish

MORE CHOICES
crlaurence.com

SHALLOW U-CHANNEL

CAT. NO.	OVERALL SIZE	FINISH	LENGTH
SCSA3812SL	1-5/8" x 11/16" (41 x 17 mm)	Satin Anodized	120" (3.05 m)
SCDU3812SL	1-5/8" x 11/16" (41 x 17 mm)	Black Bronze Anodized	120" (3.05 m)
SCBL3812SL	1-5/8" x 11/16" (41 x 17 mm)	Black Powder Coat	120" (3.05 m)
SCBA3812SL	1-5/8" x 11/16" (41 x 17 mm)	Brite Anodized	120" (3.05 m)
SCBBA3812SL	1-5/8" x 11/16" (41 x 17 mm)	Brite Brushed Anodized	120" (3.05 m)
SCBSA3812SL	1-5/8" x 11/16" (41 x 17 mm)	Brushed Stainless Anodized	120" (3.05 m)
SCBS3812SL	1-3/4" x 13/16" (44 x 21 mm)	*Brushed Stainless	120" (3.05 m)
SCPS3812SL	1-3/4" x 13/16" (44 x 21 mm)	*Polished Stainless	120" (3.05 m)
SCPB3812SL	1-3/4" x 13/16" (44 x 21 mm)	*Polished Brass	120" (3.05 m)
SCSA3812240	1-5/8" x 11/16" (41 x 17 mm)	Satin Anodized	240" (6.10 m)
SCDU3812240	1-5/8" x 11/16" (41 x 17 mm)	Black Bronze Anodized	240" (6.10 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad finish.



EPDM ROLL-IN GLAZING GASKET

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GG38100	3/8" (10 mm)	100' (30.5 m)
GG38500	3/8" (10 mm)	500' (152.4 m)
GG12100	1/2" (12 mm)	100' (30.5 m)
GG12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll. For installations using 1/2" (12 mm) glass, the Roll-In Glazing Gasket is included in the package. For installations using 3/8" (10 mm) glass, the Roll-In Glazing Gasket must be ordered separately.

SNAP-IN FILLER STRIP

CAT. NO.	FINISH	LENGTH
NHF12SA	Satin Anodized	120" (3.05 m)
NHF12DU	Black Bronze Anodized	120" (3.05 m)
NHF12BL	Black Powder Coat	120" (3.05 m)
NHF12BA	Brite Anodized	120" (3.05 m)
NHF12BBA	Brite Brushed Anodized	120" (3.05 m)
NHF12BSA	Brushed Stainless Anodized	120" (3.05 m)
NHF12BS	*Brushed Stainless	120" (3.05 m)
NHF12PS	*Polished Stainless	120" (3.05 m)
NHF12PB	*Polished Brass	120" (3.05 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad finish.





Shallow End Cap with Screws

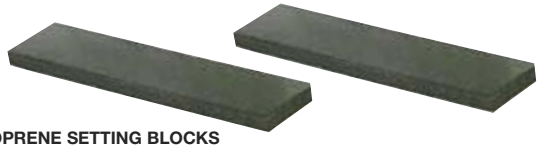
END CAPS FOR SHALLOW U-CHANNEL

CAT. NO.	FINISH
SCECSA	Satin Anodized
SCECDU	Black Bronze Anodized
SCECBL	Black Powder Coat
SCECBA	Brite Anodized
SCECBBA	Brite Brushed Anodized
SCECBSA	Brushed Stainless Anodized
SCECBS	Brushed Stainless
SCECPS	Polished Stainless
SCECPB	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



Shallow U-Channel with Snap-In Filler Strip



NEOPRENE SETTING BLOCKS

CAT. NO.	SIZE	QTY/BOX
SB579	1/8" x 1/2" x 4" (3 x 13 x 102 mm)	100

Minimum order: 100 each. For additional sizes go to **crlaurence.com**.

CRL Regular U-Channel With Top Load Roll-In Glazing Gasket

- Uses Top Loading Roll-In Glazing Gasket for 3/8" and 1/2" (10 and 12 mm) Glass
- Ideal for Ceiling or Floor Installations
- Ready-to-Ship Models From CRL Inventory
- Nine Standard Architectural Finishes
- Custom Finishes and Powder Painting Available
- Custom Lengths Available





MORE CHOICES crlaurence.com

CRL Regular U-Channel With Top Load Roll-In Glazing Gasket was designed to be used with our Patch Hardware, or our Header for Overhead Door Closers with Fixed Sidelites and Door Rail System. The design allows it to be surface or recessed mounted, with the Top Load Roll-In Glazing Gasket securing the glass.

NOTE: For installations using 1/2" (12 mm) glass, the Roll-In Glazing Gasket is included in the package. If using 3/8" (10 mm) glass the Roll-In Glazing Gasket must be ordered separately.

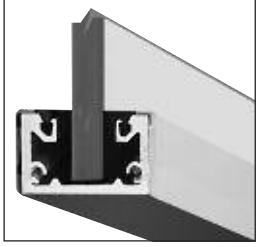


Regular U-Channel used on both top and bottom



Regular U-Channel on top and Shallow U-Channel on the bottom

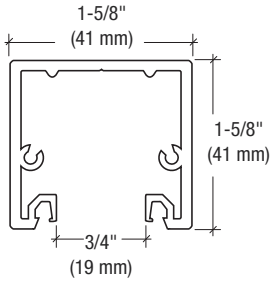




REGULAR U-CHANNEL

CAT. NO.	SIZE	FINISH	LENGTH
UCSA3812SL	1-5/8" x 1-5/8" (41 x 41 mm)	Satin Anodized	120" (3.05 m)
UCDU3812SL	1-5/8" x 1-5/8" (41 x 41 mm)	Black Bronze Anodized	120" (3.05 m)
UCBL3812SL	1-5/8" x 1-5/8" (41 x 41 mm)	Black Powder Coat	120" (3.05 m)
UCBA3812SL	1-5/8" x 1-5/8" (41 x 41 mm)	Brite Anodized	120" (3.05 m)
UCBBA3812SL	1-5/8" x 1-5/8" (41 x 41 mm)	Brite Brushed Anodized	120" (3.05 m)
UCBSA3812SL	1-5/8" x 1-5/8" (41 x 41 mm)	Brushed Stainless Anodized	120" (3.05 m)
UCBS3812SL	1-3/4" x 1-11/16" (44 x 43 mm)	*Brushed Stainless	120" (3.05 m)
UCPS3812SL	1-3/4" x 1-11/16" (44 x 43 mm)	*Polished Stainless	120" (3.05 m)
UCPB3812SL	1-3/4" x 1-11/16" (44 x 43 mm)	*Polished Brass	120" (3.05 m)
UCSA3812240	1-5/8" x 1-5/8" (41 x 41 mm)	Satin Anodized	240" (6.10 m)
UCDU3812240	1-5/8" x 1-5/8" (41 x 41 mm)	Black Bronze Anodized	240" (6.10 m)

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad finish.



Non-Clad Shown

SNAP-IN FILLER STRIP

CAT. NO.	FINISH	LENGTH
NHF12SA	Satin Anodized	120" (3.05 m)
NHF12DU	Black Bronze Anodized	120" (3.05 m)
NHF12BL	Black Powder Coat	120" (3.05 m)
NHF12BA	Brite Anodized	120" (3.05 m)
NHF12BBA	Brite Brushed Anodized	120" (3.05 m)
NHF12BSA	Brushed Stainless Anodized	120" (3.05 m)
NHF12BS	*Brushed Stainless	120" (3.05 m)
NHF12PS	*Polished Stainless	120" (3.05 m)
NHF12PB	*Polished Brass	120" (3.05 m)



Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad finish.

EPDM ROLL-IN GLAZING GASKET

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GG38100	3/8" (10 mm)	100' (30.5 m)
GG38500	3/8" (10 mm)	500' (152.4 m)
GG12100	1/2" (12 mm)	100' (30.5 m)
GG12500	1/2" (12 mm)	500' (152.4 m)



For 3/8" (10 mm) Glass



For 1/2" (12 mm) Glass

Minimum order: 1 roll. For installations using 1/2" (12 mm) glass, the Roll-In Glazing Gasket is included in the package. For installations using 3/8" (10 mm) glass, the Roll-In Glazing Gasket must be ordered separately.

END CAPS FOR REGULAR U-CHANNEL

CAT. NO.	FINISH
UCECSA	Satin Anodized
UCECDU	Black Bronze Anodized
UCECBL	Black Powder Coat
UCECBA	Brite Anodized
UCECBBA	Brite Brushed Anodized
UCECBSA	Brushed Stainless Anodized
UCECBS	Brushed Stainless
UCECPS	Polished Stainless
UCECPB	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



Regular End Cap with Screws

CRL Combination Wide U-Channel and Narrow Header

MORE INFORMATION crlaurence.com

- Channels for 3/8" or 1/2" (10 or 12 mm) and 5/8" or 3/4" (16 and 19 mm) Glass
- Matches the Width of Door and Sidelite Rails
- Accepts Roll-In Glazing Gasket, Top Pivot Block, and Snap-In Filler Strip
- Ready-to-Ship Models From CRL Inventory
- Available in Stock Lengths, Fabricated Headers, or Header With Side Pockets for 'Lift and Drop' Panel Installation



This Aluminum Extrusion was developed with three uses in mind: (1) As a U-Channel that would be the same width as our Sidelite Rails and Door Rails; (2) As a Narrow Header that is the same width as our Sidelite Rails and Door Rails, and will accept a Top Free-Swinging Pivot to secure the top of the doors; (3) As an Even Sight Line System, accomplished by first securing the fabricated Narrow Header to the top of the opening, then securing the Sidelite Rail to the Narrow Header with the 1/4" (6 mm) Header Saddle. All drilling, tapping, and fabrication can be done at your request during manufacturing to save time while installing.



Used as Narrow Header With Door Rail



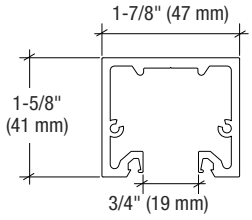
Used as Narrow Header With Sidelite Rail



Wide U-Channel Used on Both Top and Bottom

CRL Wide U-Channel for 3/8" or 1/2" (10 or 12 mm) Glass





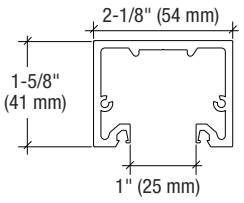
Non-Clad Shown

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	FINISH
NH2SASL	NH2SA240	1-7/8" x 1-5/8" (47 x 41 mm)	Satin Anodized
NH2DUSL	NH2DU240	1-7/8" x 1-5/8" (47 x 41 mm)	Black Bronze Anodized
NH2BLSL	NH2BL240	1-7/8" x 1-5/8" (47 x 41 mm)	Black Powder Coat
NH2BASL	NH2BA240	1-7/8" x 1-5/8" (47 x 41 mm)	Brite Anodized
NH2BSASL	NH2BSA240	1-7/8" x 1-5/8" (47 x 41 mm)	Brushed Stainless Anodized
NH2BSSL	-------	2" x 1-11/16" (51 x 43 mm)	*Brushed Stainless
NH2PSSL	-------	2" x 1-11/16" (51 x 43 mm)	*Polished Stainless
NH2PBSL	-------	2" x 1-11/16" (51 x 43 mm)	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. For Installations using 1/2" (12 mm) glass, the Roll-In Glazing Gasket is included in the package. For Installations using 3/8" (10 mm) glass, the Roll-In Glazing Gasket must be ordered separately. A Packing Charge will be added to orders fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad Finish

CRL Wide U-Channel for 5/8" or 3/4" (16 or 19 mm) Glass



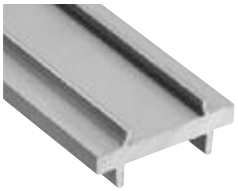


Non-Clad Shown

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	FINISH
NH3SASL	NH3SA240	2-1/8" x 1-5/8" (54 x 41 mm)	Satin Anodized
NH3DUSL	NH3DU240	2-1/8" x 1-5/8" (54 x 41 mm)	Black Bronze Anodized
NH3BLSL	NH3BL240	2-1/8" x 1-5/8" (54 x 41 mm)	Black Powder Coat
NH3BSSL	-------	2-1/4" x 1-11/16" (57 x 43 mm)	*Brushed Stainless
NH3PSSL	-------	2-1/4" x 1-11/16" (57 x 43 mm)	*Polished Stainless
NH3PBSL	-------	2-1/4" x 1-11/16" (57 x 43 mm)	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. For Installations using 3/4" (19 mm) glass, the Roll-In Glazing Gasket is included in the package. For Installations using 5/8" (16 mm) glass, the Roll-In Glazing Gasket must be ordered separately. A Packing Charge will be added to orders fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad Finish

CRL Header Mount Saddle for Sidelite Rails





- For Attaching CRL Sidelite Rails to Narrow Headers and Header Pocket Snap-Ins
- Available in Two Sizes and Two Architectural Finishes

FOR NH2 WIDE U-CHANNEL* CAT. NO.	FOR NH3 WIDE U-CHANNEL CAT. NO.	LENGTH	FINISH
HMS2SA	HMS3SA	120" (3.05 m)	Satin Anodized
HMS2DU	HMS3DU	120" (3.05 m)	Black Bronze Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing. *Also fits PS1 Series Pocket Snap-Ins (see page CH050).

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

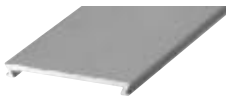
CRL US ALUMINUM

CRL Snap-In Filler Strips

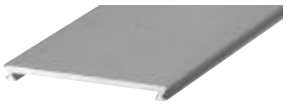
MORE INFORMATION crlaurence.com

- For NH2 3/8" or 1/2" (10 or 12 mm) and NH3 5/8" or 3/4" (16 or 19 mm) Wide U-Channels
- Easily Snaps Into Glazing Pocket
- Ready-to-Ship From CRL Inventory
- Available in 120" (3.05 m) Stock Lengths

These Snap-In Filler Strips are 120" (3.05 m) long, and are available in six architectural finishes to match our NH2 and NH3 Wide U-Channels. They are ideal for use as fillers where glass is not installed in the glazing pocket.



For NH2 Wide U-Channel



For NH3 Wide U-Channel

FOR NH2 WIDE U-CHANNEL CAT. NO.	FOR NH3 WIDE U-CHANNEL CAT. NO.	LENGTH	FINISH
NHF12SA	NHF34SA	120" (3.05 m)	Satin Anodized
NHF12DU	NHF34DU	120" (3.05 m)	Black Bronze Anodized
NHF12BL	NHF34BL	120" (3.05 m)	Black Powder Coat
NHF12BA	---	120" (3.05 m)	Brite Anodized
NHF12BBA	---	120" (3.05 m)	Brite Brushed Anodized
NHF12BSA	---	120" (3.05 m)	Brushed Stainless Anodized
NHF12BS	NHF34BS	120" (3.05 m)	*Brushed Stainless
NHF12PS	NHF34PS	120" (3.05 m)	*Polished Stainless
NHF12PB	---	120" (3.05 m)	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad finish.

CRL End Caps for NH2 and NH3 Series Wide U-Channels

- Matching Finishes Are Pre-Drilled and Come With Screws
- For 3/8" to 1/2" (10 to 12 mm) and 5/8" to 3/4" (16 to 19 mm) Wide U-Channels
- Ready-to-Ship From CRL Inventory

These CRL End Caps are used with our NH2 and NH3 Series Wide U-Channels for 3/8" to 3/4" (10 to 19 mm) thick glass. They are available in all matching finishes, and pre-drilled for the included screws.



NH2 End Cap With Screws



NH3 End Cap With Screws

FOR 3/8" (10 MM) OR 1/2" (12 MM) GLASS CAT. NO.	FOR 5/8" (16 MM) OR 3/4" (19 MM) GLASS CAT. NO.	FINISH
NHECSA	NH3ECSA	Satin Anodized
NHECDU	NH3ECDU	Black Bronze Anodized
NHECBL	NH3ECBL	Black Powder Coat
NHECBA	---	Brite Anodized
NHECBBA	---	Brite Brushed Anodized
NHECBSA	---	Brushed Stainless Anodized
NHECBS	NH3ECBS	*Brushed Stainless
NHECPS	NH3ECPS	*Polished Stainless
NHECPB	NH3ECPB	*Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing. *Clad finish.

CRL EPDM Roll-In Glazing Gaskets

- Dry Glaze Push-In Top Load Glazing Gasket in Two Sizes for 3/8" to 3/4" (10 to 19 mm) Glass
- Use in CRL Sidelite Rails and U-Channel
- Ready-to-Ship From CRL Inventory
- Available in 100' (30.5 m) and 500' (152.4 m) Rolls

CRL Roll-In Glazing Gasket is used to dry glaze 3/8" to 3/4" (10 to 19 mm) glass in CRL Sidelite Rails and U-Channels. Black color material can be used with all finishes of rails and channels.



Shown in 500' (152.4 m) Roll for 3/8" or 5/8" (10 or 16 mm) Glass



Shown in 100' (30.5 m) Roll for 1/2" or 3/4" (12 or 19 mm) Glass

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GG38100	3/8" or 5/8" (10 or 16 mm)	100' (30.5 m)
GG38500	3/8" or 5/8" (10 or 16 mm)	500' (152.4 m)
GG12100	1/2" or 3/4" (12 or 19 mm)	100' (30.5 m)
GG12500	1/2" or 3/4" (12 or 19 mm)	500' (152.4 m)

Minimum order: 1 roll. For installations using 1/2" or 3/4" (12 or 19 mm) glass, the Roll-In Glazing Gasket is included in the wide U-Channel package. For installations using 3/8" or 5/8" (10 or 16 mm) glass, the Roll-In Glazing Gasket must be ordered separately.

CRL 4" Aluminum and Neoprene Setting Block

- Protects Glass Edge While Providing Rigid Glass Support
- Provides Proper Height for Recommended Glass Coverage
- Ready-to-Ship From CRL Inventory

CRL 4" (102 mm) Aluminum and Neoprene Setting Blocks are designed for the 'lift and drop' method of glazing, and provide 9/16" (14 mm) glass coverage. Minimum order is one each.



Setting Block shown installed



CAT. NO. UCSB4
Minimum order is one each.

CRL Wet/Dry Glaze U-Channels

- Three Standard Heights 1", 1-1/2", and 2" (25, 38, and 51 mm)
- Six Standard Architectural Finishes
- Brushed Stainless, Polished Stainless, and Polished Brass Finishes Are Available on Special Order
- Ready-to-Ship From CRL Inventory
- Available in 120" and 240" (3.05 and 6.10 m) Stock Lengths



MORE CHOICES crlaurence.com



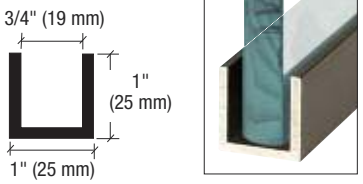
CRL Wet/Dry Glaze U-Channels provide the smallest profile U-Channel for glazing 3/8" or 1/2" (10 or 12 mm) glass. They are available in six standard finishes in both 120" and 240" (3.05 and 6.10 m) stock lengths.

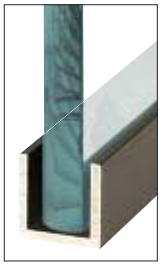
Wet/Dry Glaze U-Channels provide the most economical way to glaze heavy glass. Using a Deep U-Channel on the top and the Shallow U-Channel on the bottom allows for the 'lift and drop' method of glazing. The glass can be secured with silicone sealant or our Top Load Roll-In Glazing Gasket (shown on opposite page).

For Cladded U-Channels, custom finishes, or custom lengths, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

CRL 1" Wet/Dry Glaze U-Channel

- 1" (25 mm) Exterior Height
- Typically Used at the Bottom of Glass Panels
- Use With Silicone (Wet) or Glazing Gasket (Dry)
- Matching End Caps Sold Separately (See Page CH045)



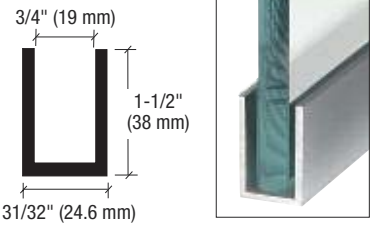


120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	FINISH
WU3SASL	WU3SA240	Satin Anodized
WU3DUSL	WU3DU240	Black Bronze Anodized
WU3BLSL	WU3BL240	Black Powder Coat
WU3BASL	WU3BA240	Brite Anodized
WU3BBASL	WU3BBA240	Brite Brushed Anodized
WU3BSASL	WU3BSA240	Brushed Stainless Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier.

CRL 1-1/2" Wet/Dry Glaze U-Channel

- 1-1/2" (38 mm) Exterior Height
- Typically Used at the Bottom of Glass Panels
- Use With Silicone (Wet) or Glazing Gasket (Dry)
- Matching End Caps Sold Separately (See Page CH045)



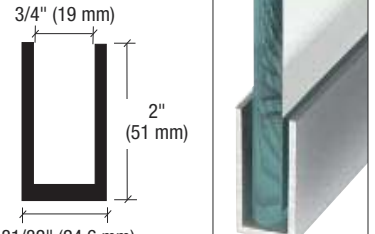


120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	FINISH
WU1SASL	WU1SA240	Satin Anodized
WU1DUSL	WU1DU240	Black Bronze Anodized
WU1BLSL	WU1BL240	Black Powder Coat
WU1BASL	WU1BA240	Brite Anodized
WU1BBASL	WU1BBA240	Brite Brushed Anodized
WU1BSASL	WU1BSA240	Brushed Stainless Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier.

CRL 2" Wet/Dry Glaze U-Channel

- 2" (51 mm) Exterior Height
- Typically Used at the Bottom of Glass Panels
- Use With Silicone (Wet) or Glazing Gasket (Dry)
- Matching End Caps Sold Separately (See Page CH045)





120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	FINISH
WU2SASL	WU2SA240	Satin Anodized
WU2DUSL	WU2DU240	Black Bronze Anodized
WU2BLSL	WU2BL240	Black Powder Coat
WU2BASL	WU2BA240	Brite Anodized
WU2BBASL	WU2BBA240	Brite Brushed Anodized
WU2BSASL	WU2BSA240	Brushed Stainless Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier.

CRL Top Load Roll-In Glazing Gasket

- Roll-In Glazing Gasket for 3/8" and 1/2" (10 and 12 mm) Glass
- Eliminates the Need for Silicone

CRL Roll-In Glazing Gasket provides an easy way of glazing glass. It eliminates using messy silicone sealant and the clean up that follows. Black color material can be used with all finishes of our Wet/Dry U-Channel.







Gasket for 3/8" (10 mm) Glazing





Gasket for 1/2" (12 mm) Glazing



Installation Tip:

We have found that rolling in one side first while wedging the opposite side of the glass with the CRL216 Tapered End Windshield Stick helps prevent the Glazing Gasket from slipping and aids in application of the Gasket on the opposite side of the glass.

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
RG38100	3/8" (10 mm)	100 ft. (30.5 m)
RG38500	3/8" (10 mm)	500 ft. (152.4 m)
RG12100	1/2" (12 mm)	100 ft. (30.5 m)
RG12500	1/2" (12 mm)	500 ft. (152.4 m)

Minimum order: 1 roll.

CRL End Cap for WU3 1" Wet/Dry Glaze U-Channel

MORE INFORMATION crlaurence.com

- Fits WU3 1" (25 mm) Exterior Height Wet/Dry Glaze U-Channels
- Finishes Off Exposed Ends
- Easy to Install With Silicone Sealant
- Six Standard Architectural Finishes, With Custom Finishes Available



CAT. NO.	FINISH
WU3ECSA	Satin Anodized
WU3ECDU	Black Bronze Anodized
WU3ECBL	Black Powder Coat
WU3ECBA	Brite Anodized
WU3ECBBA	Brite Brushed Anodized
WU3ECBSA	Brushed Stainless Anodized

Minimum order: 1 each. All End Caps can be combined for quantity pricing.

CRL End Cap for WU1 1-1/2" Wet/Dry Glaze U-Channel

- Fits WU1 1-1/2" (38 mm) Exterior Height Wet/Dry Glaze U-Channels
- Finishes Off Exposed Ends
- Easy to Install With Silicone Sealant
- Six Standard Architectural Finishes, With Custom Finishes Available



CAT. NO.	FINISH
WU1ECSA	Satin Anodized
WU1ECDU	Black Bronze Anodized
WU1ECBL	Black Powder Coat
WU1ECBA	Brite Anodized
WU1ECBBA	Brite Brushed Anodized
WU1ECBSA	Brushed Stainless Anodized

Minimum order: 1 each. All End Caps can be combined for quantity pricing.

CRL End Cap for WU2 2" Wet/Dry Glaze U-Channel

- Fits WU2 2" (51 mm) Exterior Height Wet/Dry Glaze U-Channels
- Finishes Off Exposed Ends
- Easy to Install With Silicone Sealant
- Six Standard Architectural Finishes, With Custom Finishes Available



CAT. NO.	FINISH
WU2ECSA	Satin Anodized
WU2ECDU	Black Bronze Anodized
WU2ECBL	Black Powder Coat
WU2ECBA	Brite Anodized
WU2ECBBA	Brite Brushed Anodized
WU2ECBSA	Brushed Stainless Anodized

Minimum order: 1 each. All End Caps can be combined for quantity pricing.

CRL Blumcraft Header Channels

USE MONOLITHIC TEMPERED GLASS

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- Channels for 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Accepts Glazing Gaskets, Top Pivots, and Snap-In Filler Strips
- Available in Five Architectural Finishes
- Custom Finishes, Including Oil Rubbed Bronze, Are Available on Special Order

MORE INFORMATION
crlaurence.com



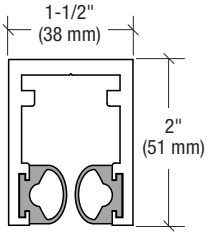
These CRL Blumcraft Header Channels are used over fixed glass panels, and as headers for pivoting doors, or a combination of both. A built-in glazing gasket is included for easy glass installation, without requiring sealant.

These extruded aluminum channels are available in 120" or 240" (3.05 or 6.10 m) stock lengths in satin anodized, black bronze anodized, brushed or polished stainless steel, and polished brass. Custom lengths and finishes are also available on special order.

For use as a Door Header, or for more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

CRL Blumcraft Header Channels • Widths for 1/2" (12 mm) Glass





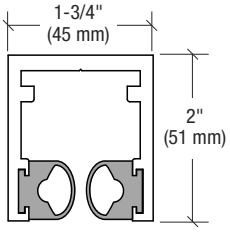
Non-Clad Shown

1-1/2" (38 MM) WIDTH HEADER CHANNEL

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	FINISH
C7500SA	C7500SA240	1-1/2" x 2" (38 x 51 mm)	Satin Anodized
C7500DU	C7500DU240	1-1/2" x 2" (38 x 51 mm)	Black Bronze Anodized
C7500BS	-------	1-5/8" x 2-1/16" (41 x 52 mm)	*Brushed Stainless
C7500PS	-------	1-5/8" x 2-1/16" (41 x 52 mm)	*Polished Stainless
C7500PB	-------	1-5/8" x 2-1/16" (41 x 52 mm)	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Slide–In Glazing Gasket is included in the package.
Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad Finish





Non-Clad Shown

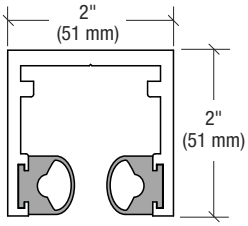
1-3/4" (45 MM) WIDTH HEADER CHANNEL

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	FINISH
C7501SA	C7501SA240	1-3/4" x 2" (45 x 51 mm)	Satin Anodized
C7501DU	C7501DU240	1-3/4" x 2" (45 x 51 mm)	Black Bronze Anodized
C7501BS	-------	1-7/8" x 2-1/16" (48 x 52 mm)	*Brushed Stainless
C7501PS	-------	1-7/8" x 2-1/16" (48 x 52 mm)	*Polished Stainless
C7501PB	-------	1-7/8" x 2-1/16" (48 x 52 mm)	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Slide–In Glazing Gasket is included in the package.
Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad Finish

CRL Blumcraft Header Channel • Width for 3/4" (19 mm) Glass





Non-Clad Shown

2" (51 MM) WIDTH HEADER CHANNEL

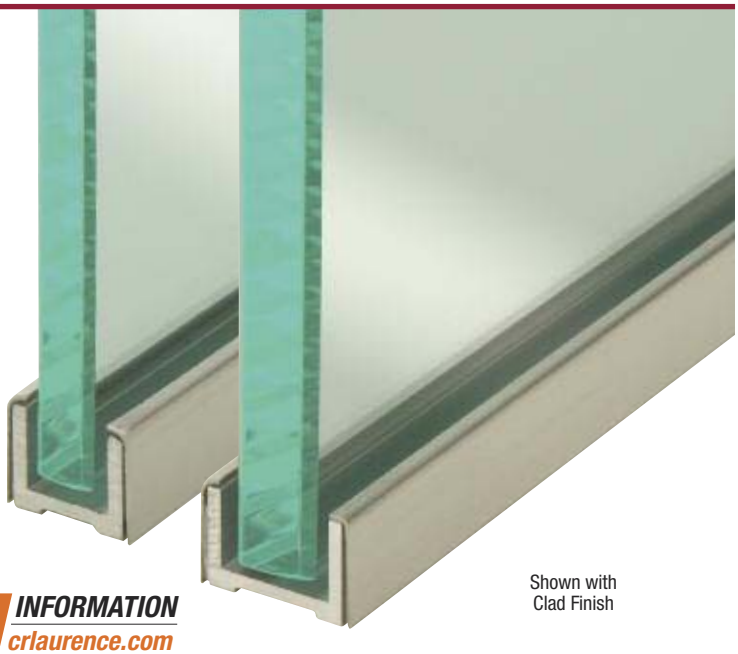
120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	FINISH
C7502SA	C7502SA240	2" x 2" (51 x 51 mm)	Satin Anodized
C7502DU	C7502DU240	2" x 2" (51 x 51 mm)	Black Bronze Anodized
C7502BS	-------	2-1/8" x 2-1/16" (54 x 52 mm)	*Brushed Stainless
C7502PS	-------	2-1/8" x 2-1/16" (54 x 52 mm)	*Polished Stainless
C7502PB	-------	2-1/8" x 2-1/16" (54 x 52 mm)	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Slide–In Glazing Gasket is included in the package.
Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad Finish

CRL Blumcraft Wet Glaze U-Channels

- Channels for 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Available in Five Architectural Finishes
- Custom Finishes, Including Oil Rubbed Bronze, Are Available on Special Order

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.



Shown with Clad Finish

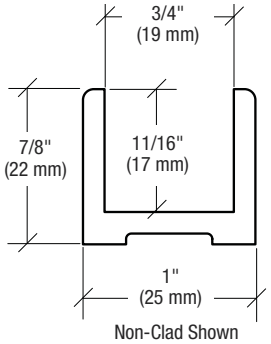
MORE INFORMATION crlaurence.com

These CRL Blumcraft Wet Glaze U-Channels provide a small complementary profile for use with our 1301 Series Doors and Sidelites when customers desire to field glaze the fixed panels of an opening. They are available from stock in 120" or 240" (3.05 or 6.10 m) lengths in satin anodized, black bronze anodized, brushed or polished stainless steel, and polished brass.

For custom lengths or custom finishes, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

CRL Blumcraft Wet Glaze U-Channel





Non-Clad Shown

USE MONOLITHIC TEMPERED GLASS

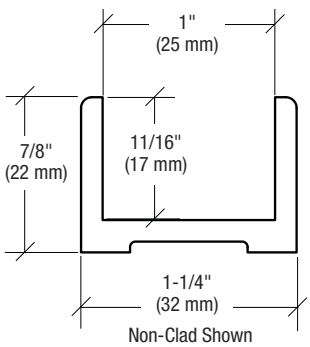
- Width for 1/2" (12 mm) Glass

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	FINISH
EB500SA	EB500SA240	1" x 7/8" (25 x 22 mm)	Satin Anodized
EB500DU	EB500DU240	1" x 7/8" (25 x 22 mm)	Black Bronze Anodized
EB500BS	-------	1-1/8" x 15/16" (29 x 24 mm)	*Brushed Stainless
EB500PS	-------	1-1/8" x 15/16" (29 x 24 mm)	*Polished Stainless
EB500PB	-------	1-1/8" x 15/16" (29 x 24 mm)	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A packing charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad Finish

CRL Blumcraft Wet Glaze U-Channel





Non-Clad Shown

USE MONOLITHIC TEMPERED GLASS

- Width for 3/4" (19 mm) Glass

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	FINISH
EB750SA	EB750SA240	1-1/4" x 7/8" (32 x 22 mm)	Satin Anodized
EB750DU	EB750DU240	1-1/4" x 7/8" (32 x 22 mm)	Black Bronze Anodized
EB750BS	-------	1-3/8" x 15/16" (35 x 24 mm)	*Brushed Stainless
EB750PS	-------	1-3/8" x 15/16" (35 x 24 mm)	*Polished Stainless
EB750PB	-------	1-3/8" x 15/16" (35 x 24 mm)	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A packing charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.74 m) must ship common carrier. *Clad Finish

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Mechanical Glazing Channels

NEW!

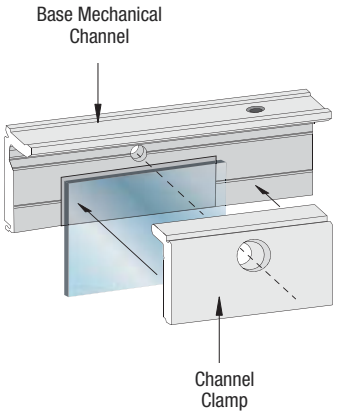
USE MONOLITHIC TEMPERED GLASS

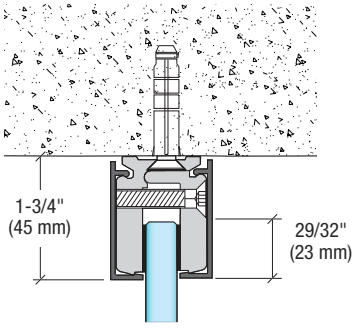
- For 3/8", 1/2", and 3/4" (10, 12, and 19 mm) Tempered Glass
- Standard Channel Requires No Holes in the Glass
- Available in Satin Anodized and Brushed Brite Anodized Finishes
- Standard 10 Foot (3.05 m) Lengths

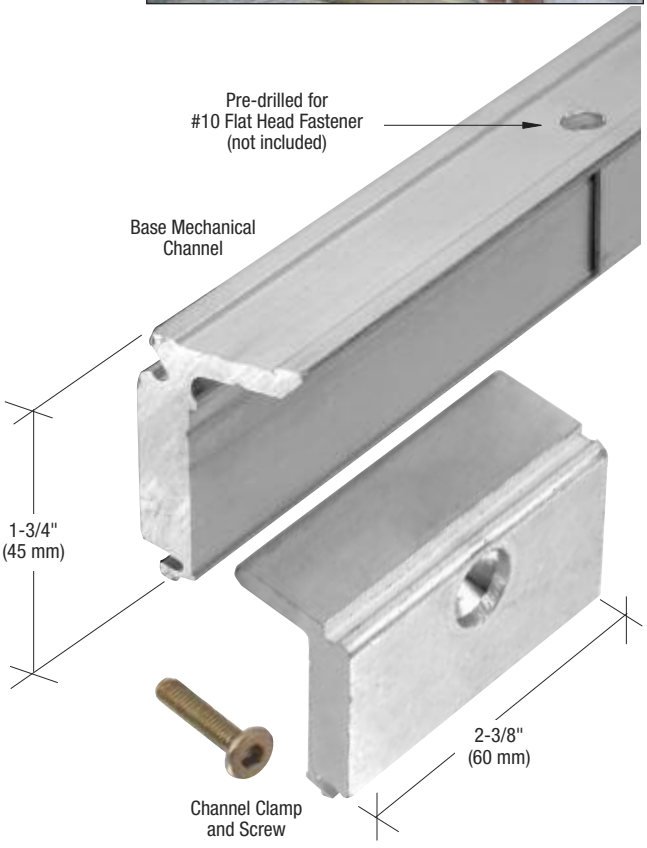
MORE INFORMATION crlaurence.com



CRL Mechanical Glazing Channel is a dry glazed system that requires no wet silicone glazing. This two-piece front load clamp-on channel provides easier installation and is used where lift and drop applications are not possible. Pre-drilled and tapped holes for Channel Clamps are provided every 11-13/16" (300 mm) on center. Channel End Caps finish off the ends. **NOTE:** No holes are required in the glass. Kits include: one Base Channel, ten Channel Clamps with Screws, and two Decorative Snap-On Covers. End Caps are sold separately.







MECHANICAL GLAZING CHANNEL KITS

SATIN ANODIZED CAT. NO.	BRUSHED BRITE ANODIZED CAT. NO.	GLASS THICKNESS	LENGTH
MGC38SA	MGC38BBA	3/8" (10 mm)	10 Feet (3.05 m)
MGC12SA	MGC12BBA	1/2" (12 mm)	10 Feet (3.05 m)
MGC34SA	MGC34BBA	3/4" (19 mm)	10 Feet (3.05 m)

Minimum order: 1 each. Must ship common carrier.

REPLACEMENT DECORATIVE SNAP-ON COVERS

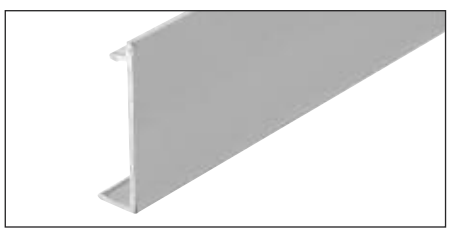
CAT. NO.	FINISH	LENGTH
MGCSA	Satin Anodized	10 Feet (3.05 m)
MGCBBA	Brushed Brite Anodized	10 Feet (3.05 m)

Minimum order: 1 each. Must ship common carrier.

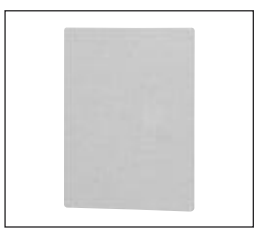
CHANNEL END CAPS

CAT. NO.	FITS BASE CHANNELS	FINISH
MGCEC12SA	MGC38 and MGC12	Satin Anodized
MGCEC12BBA	MGC38 and MGC12	Brushed Brite Anodized
MGCEC34SA	MGC34	Satin Anodized
MGCEC34BBA	MGC34	Brushed Brite Anodized

Minimum order: 1 each.



Decorative Snap-On Cover



Channel End Cap

CRL Stock Size Headers for Overhead Concealed Door Closers

- Includes Snap-In Cover Plates With All Door Closer Fabrication Completed
- Available in Six Architectural Finishes
- Ready-to-Ship From CRL Inventory
- Standard 4", 4-1/2", and 6" Sizes
- Custom Sizes Available

MORE CHOICES crlaurence.com

36" Single Door Headers

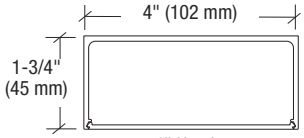


Typical Installation Showing Exposed Spindle of Overhead Closer

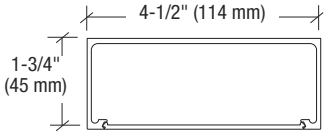
72" Double Door Headers



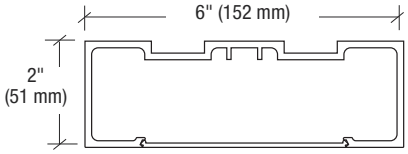
Both Single Door and Double Door Headers are fabricated to receive most standard U.S. Overhead Concealed Door Closers (see pages CH163 to CH175).



4" Header



4-1/2" Header



6" Header

Single Door Headers are fabricated to hold our Overhead Concealed Door Closers. Headers are carried in three stock sizes, and custom sizes can be special ordered. Headers are supplied with an Aluminum Mounting Clip for mounting the Header on the opposite side of the Door Closer. The Door Closer contains the Mounting Clip for that side of the Header. Snap-In Cover Plates allow for easy installation of the Closer. **NOTE**: Clad and Anodized Headers differ in size (see charts below).

4" HEADER FOR 36" (914 MM) SINGLE DOOR

CAT. NO.	OVERALL SIZE	FINISH
DCH4SAS	4" x 1-3/4" (102 x 45 mm)	Satin Anodized
DCH4DUS	4" x 1-3/4" (102 x 45 mm)	Black Bronze Anodized
DCH4BLS	4" x 1-3/4" (102 x 45 mm)	Black Powder Coat
DCH4BSS	4-3/16" x 1-7/8" (106 x 48 mm)	*Brushed Stainless
DCH4PSS	4-3/16" x 1-7/8" (106 x 48 mm)	*Polished Stainless
DCH4PBS	4-3/16" x 1-7/8" (106 x 48 mm)	*Polished Brass

4-1/2" HEADER FOR 36" (914 MM) SINGLE DOOR

CAT. NO.	OVERALL SIZE	FINISH
DCHSAS	4-1/2" x 1-3/4" (114 x 45 mm)	Satin Anodized
DCHDUS	4-1/2" x 1-3/4" (114 x 45 mm)	Black Bronze Anodized
DCHBLS	4-1/2" x 1-3/4" (114 x 45 mm)	Black Powder Coat
DCHBSS	4-11/16" x 1-7/8" (119 x 48 mm)	*Brushed Stainless
DCHPSS	4-11/16" x 1-7/8" (119 x 48 mm)	*Polished Stainless
DCHPBS	4-11/16" x 1-7/8" (119 x 48 mm)	*Polished Brass

6" HEADER FOR 36" (914 MM) SINGLE DOOR

CAT. NO.	OVERALL SIZE	FINISH
DCH6SAS	6" x 2" (152 x 51 mm)	Satin Anodized
DCH6DUS	6" x 2" (152 x 51 mm)	Black Bronze Anodized
DCH6BLS	6" x 2" (152 x 51 mm)	Black Powder Coat
DCH6BSS	6-3/16" x 2-1/8" (157 x 54 mm)	*Brushed Stainless
DCH6PSS	6-3/16" x 2-1/8" (157 x 54 mm)	*Polished Stainless
DCH6PBS	6-3/16" x 2-1/8" (157 x 54 mm)	*Polished Brass

Double Door Headers are fabricated to hold our Overhead Concealed Door Closers. Headers are carried in three stock sizes, and custom sizes can be special ordered. The Mounting Clips required for ends of the Header are included with the Overhead Concealed Door Closers. Snap-In Cover Plates allow for easy installation of the Closer. **NOTE**: Clad and Anodized Headers differ in size (see charts below).

4" HEADER 72" (1829 MM) LONG FOR 36" (914 MM) DOUBLE DOORS

CAT. NO.	OVERALL SIZE	FINISH
DCH4SAD	4" x 1-3/4" (102 x 45 mm)	Satin Anodized
DCH4DUD	4" x 1-3/4" (102 x 45 mm)	Black Bronze Anodized
DCH4BLD	4" x 1-3/4" (102 x 45 mm)	Black Powder Coat
DCH4BSD	4-3/16" x 1-7/8" (106 x 48 mm)	*Brushed Stainless
DCH4PSD	4-3/16" x 1-7/8" (106 x 48 mm)	*Polished Stainless
DCH4PBD	4-3/16" x 1-7/8" (106 x 48 mm)	*Polished Brass

4-1/2" HEADER 72" (1829 MM) LONG FOR 36" (914 MM) DOUBLE DOORS

CAT. NO.	OVERALL SIZE	FINISH
DCHSAD	4-1/2" x 1-3/4" (114 x 45 mm)	Satin Anodized
DCHDUD	4-1/2" x 1-3/4" (114 x 45 mm)	Black Bronze Anodized
DCHBLD	4-1/2" x 1-3/4" (114 x 45 mm)	Black Powder Coat
DCHBSD	4-11/16" x 1-7/8" (119 x 48 mm)	*Brushed Stainless
DCHPSD	4-11/16" x 1-7/8" (119 x 48 mm)	*Polished Stainless
DCHPBD	4-11/16" x 1-7/8" (119 x 48 mm)	*Polished Brass

6" HEADER 72" (1829 MM) LONG FOR 36" (914 MM) DOUBLE DOORS

CAT. NO.	OVERALL SIZE	FINISH
DCH6SAD	6" x 2" (152 x 51 mm)	Satin Anodized
DCH6DUD	6" x 2" (152 x 51 mm)	Black Bronze Anodized
DCH6BLD	6" x 2" (152 x 51 mm)	Black Powder Coat
DCH6BSD	6-3/16" x 2-1/8" (157 x 54 mm)	*Brushed Stainless
DCH6PSD	6-3/16" x 2-1/8" (157 x 54 mm)	*Polished Stainless
DCH6PBD	6-3/16" x 2-1/8" (157 x 54 mm)	*Polished Brass

Minimum order: 1 each. Headers do not include Door Closers. Finishes and sizes can be combined for quantity pricing. *Clad finish.

CRL Custom Fabricated Headers

- Available in 4", 4-1/2", and 6" Sizes
- Six Standard Architectural Finishes: Satin Anodized, Black Powder Coat, Black Bronze Anodized, Polished Stainless, Brushed Stainless, and Polished Brass
- Custom Finishes Available on Special Order

MORE INFORMATION crlaurence.com

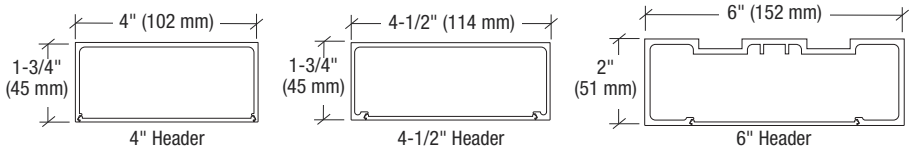


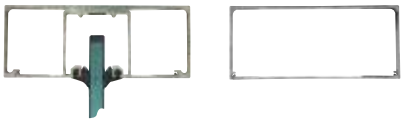
CRL US ALUMINUM MANUFACTURED IN THE USA

ARCH. SPEC. ONLINE

CRL will fabricate Custom Headers to accept a large variety of door hardware, such as: Fixed or Walking Beam Top Pivots, Door Closers, Manual or Electric Strikes, Concealed or Surface Mounted Locks, Offset Pivots, Overhead Arms, and many other types of accessories. Also, a Glazing Pocket to secure the top of any sidelite is available. The sidelite glass is secured in the Glazing Pocket with the provided Roll-In Glazing Gasket, which is available for both 3/8" and 1/2" (10 and 12 mm) glass. Please specify when ordering. Choose from a variety of stock or custom finishes.

These are considered Custom Headers and must be special ordered through our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.



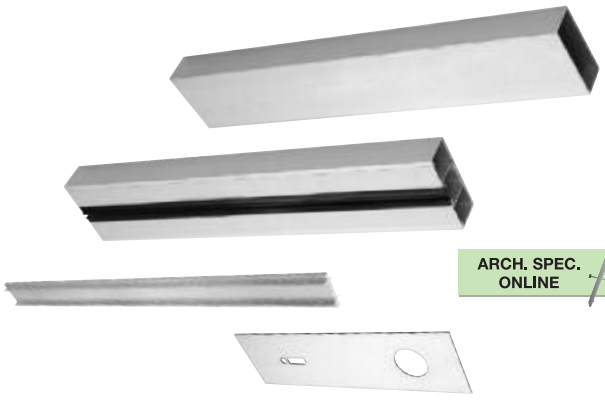


Fixed Panel Section With Glazing Gasket

Header Section

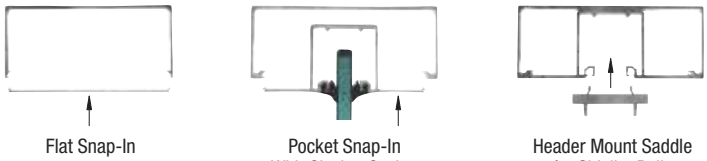
CRL Stock Length Header Channels and Snap-In Inserts

- Available in 1-3/4" x 4" and 1-3/4" x 4-1/2" Sizes
- 120" and 240" (3.05 and 6.10 m) Lengths in Two Architectural Finishes: Satin Anodized and Black Bronze Anodized
- Custom Finishes Available on Special Order
- Ready-to-Ship From CRL Inventory



ARCH. SPEC. ONLINE

CRL now carries stock length header components: Header Channel, Flat Snap-In, Cover Plate for Overhead Concealed Door Closer, and Glazing Pocket Snap-In, in both 1-3/4" x 4" and 1-3/4" x 4-1/2" sizes. The Snap-In comes complete with Roll-In Glazing Gasket for 1/2" (12 mm) glass. If using 3/8" (10 mm) glass you must order our GG38 Series Gasket separately (see page CH043). Contact Technical Sales for ordering assistance.



Flat Snap-In

Pocket Snap-In With Glazing Gasket

Header Mount Saddle for Sidelite Rails

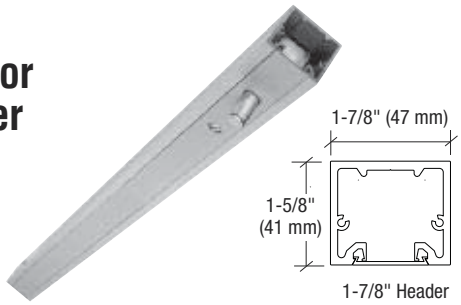
4" HEADER CHANNEL CAT. NO.	4-1/2" HEADER CHANNEL CAT. NO.	FLAT SNAP-IN CAT. NO.	POCKET SNAP-IN CAT. NO.	HEADER MOUNT SADDLE FOR SIDELITE RAILS CAT. NO.	STOCK LENGTH	FINISH	14" DOOR CLOSER COVER CAT. NO.
HC4SA120	HCSA120	FS1SA120	PS1SA120	HMS2SA	120" (3.05 m)	Satin Anodized	CRL8010CPAL
HC4DU120	HCDU120	FS1DU120	PS1DU120	HMS2DU	120" (3.05 m)	Black Bronze Anodized	CRL8010CPDU
HC4SA240	HCSA240	FS1SA240	PS1SA240	-----	240" (6.10 m)	Satin Anodized	CRL8010CPAL
HC4DU240	HCDU240	FS1DU240	PS1DU240	-----	240" (6.10 m)	Black Bronze Anodized	CRL8010CPDU

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing. Stock lengths must ship common carrier.

CRL Stock Size Narrow Headers

- Includes Snap-In Cover Plate and CRL9040WBP Walking Beam Pivot
- Available in Six Architectural Finishes
- Standard Single and Double Door Sizes Ready-to-Ship From CRL Inventory
- Custom Sizes Available on Special Order

36" Single Door Narrow Header



72" Double Door Narrow Header



MORE CHOICES crlaurence.com

Single and Double Door Narrow Headers are fabricated with our CRL9040WBP Walking Beam Pivots installed. Narrow Headers are carried in two stock sizes, and custom sizes can be special ordered. Snap-In Cover Plates allow for easy installation of the Narrow Header. **NOTE:** Clad and Anodized Headers differ in size (see chart below).

36" (914 MM) SINGLE DOOR NARROW HEADER

CAT. NO.	OVERALL SIZE W X H	FINISH
NH236SA	1-7/8" x 1-5/8" (47 x 41 mm)	Satin Anodized
NH236DU	1-7/8" x 1-5/8" (47 x 41 mm)	Black Bronze Anodized
NH236BL	1-7/8" x 1-5/8" (47 x 41 mm)	Black Powder Coat
NH236BS	2" x 1-11/16" (51 x 43 mm)	*Brushed Stainless
NH236PS	2" x 1-11/16" (51 x 43 mm)	*Polished Stainless
NH236PB	2" x 1-11/16" (51 x 43 mm)	*Polished Brass

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing. *Clad finish.

72" (1829 MM) DOUBLE DOOR NARROW HEADER

CAT. NO.	OVERALL SIZE W X H	FINISH
NH272SA	1-7/8" x 1-5/8" (47 x 41 mm)	Satin Anodized
NH272DU	1-7/8" x 1-5/8" (47 x 41 mm)	Black Bronze Anodized
NH272BL	1-7/8" x 1-5/8" (47 x 41 mm)	Black Powder Coat
NH272BS	2" x 1-11/16" (51 x 43 mm)	*Brushed Stainless
NH272PS	2" x 1-11/16" (51 x 43 mm)	*Polished Stainless
NH272PB	2" x 1-11/16" (51 x 43 mm)	*Polished Brass

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing. *Clad finish.

CRL Floating Headers for Overhead Concealed Door Closers

- For Use With 1/2" (12 mm) Glass Only
- Ideal for Jobs Where Cutting Into the Floor for a Floor Closer is Not an Option
- Available for Glass-to-Glass or Glass-to-Wall Installations With Overhead Concealed Door Closers or Pivots
- Six Standard Architectural Finishes
- Custom Headers Available on Special Order

These Floating Headers for Overhead Concealed Door Closers allow the mounting of single or double doors off glass sidelites, with a transom above. Stock Floating Headers are for use in 1/2" (12 mm) glass-to-glass installations, and are prepared to accept CRL Overhead Concealed Door Closers and a 1/2" (12 mm) thick glass transom.

Custom Floating Headers cover the rest of the offered configurations, including various glass thicknesses, Headers in custom lengths, glass-to-wall configurations, and Headers prepped for surface mounted magnetic locks, magnetic shear locks, a surface mounted top pivot, a walking beam pivot or an overhead concealed door closer. **NOTE:** If the weight of the transom above the header exceeds 100 lbs (45.4 kg) the transom will need to be supported from the ceiling to take weight off of the header and prevent bowing. You can use either B5BC Smoke Baffle Channel or PH94 Patch Fittings. Please contact Technical Sales for assistance.



APPLICATION TIP:

For jobs where floor closers are not an option due to special finishes or minimal floor thickness, the CRL Floating Header for Overhead Concealed Door Closers is the ideal solution.

MORE INFORMATION crlaurence.com

STOCK FLOATING HEADERS

For 1/2" (12 mm) glass-to-glass installations, and prepped for Overhead Concealed Door Closers.

SINGLE 36" (914 MM) CAT. NO.	DOUBLE 72" (1829 MM) CAT. NO.	OVERALL SIZE W X H	FINISH
FH4SAS	FH4SAD	4" x 1-3/4" (102 x 45 mm)	Satin Anodized
FH4DUS	FH4DUD	4" x 1-3/4" (102 x 45 mm)	Black Bronze Anodized
FH4BLS	FH4BLD	4" x 1-3/4" (102 x 45 mm)	Black Powder Coat
FH4BSS	FH4BSD	4-3/16" x 1-7/8" (106 mm x 48 mm)	*Brushed Stainless
FH4PSS	FH4PSD	4-3/16" x 1-7/8" (106 mm x 48 mm)	*Polished Stainless
FH4PBS	FH4PBD	4-3/16" x 1-7/8" (106 mm x 48 mm)	*Polished Brass

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing. *Clad finish.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Narrow Floating Header With Walking Beam Top Pivots

- For 1/2" (12 mm) Tempered Glass Only
- Supported By Glass Side Panels
- Creates an Even Sight Line When Used With CRL Door Rails
- Stock Single 36" (914 mm) and Double 72" (1829 mm) Headers, With Custom Sizes Available
- Six Standard Architectural Finishes
- Custom Finishes Available on Special Order



Narrow Floating Headers With Walking Beam Top Pivots work with CRL PH20 and PH21 Series Top Door Patch Hardware Fittings, and with all CRL 1/2" (12 mm) Heavy Glass Door Rails. When used with CRL Door Rails you get an even sight line, as the width of the Narrow Header matches the width of the Door Rail. For use with Free-Swinging Bottom Pivots or Floor Closers, Standard Narrow Floating Headers with Walking Beam Top Pivots are fabricated for use in 1/2" (12 mm) glass-to-glass configurations. Custom lengths, glass-to-wall configurations, and Floating Headers for offset pivots are also available.

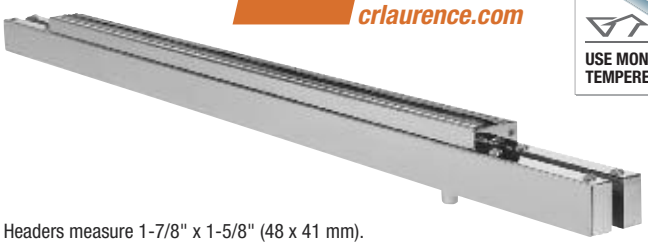
For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

APPLICATION TIP:
When trying to show the maximum amount of glass, but still looking for the security of a magnetic shear lock, the CRL Narrow Floating Header offers that functionality.

STOCK NARROW FLOATING HEADERS:
For 1/2" (12 mm) glass-to-glass installations, with CRL9040WBP Walking Beam Top Pivots.

MORE INFORMATION
crlaurence.com

USE MONOLITHIC TEMPERED GLASS



Headers measure 1-7/8" x 1-5/8" (48 x 41 mm).

SINGLE 36" (914 MM) CAT. NO.	DOUBLE 72" (1829 MM) CAT. NO.	FINISH
NFH4SAS	NFH4SAD	Satin Anodized
NFH4DUS	NFH4DUD	Black Bronze Anodized
NFH4BLS	NFH4BLD	Black Powder Coat
NFH4BSS	NFH4BSD	*Brushed Stainless
NFH4PSS	NFH4PSD	*Polished Stainless
NFH4PBS	NFH4PBD	*Polished Brass

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing. *Clad Finish.

CRL Custom Floating Headers With Support Fin Brackets

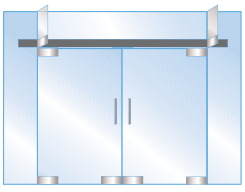
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Support Fin Brackets Provide Extra Stability in Tall Openings
- Available for Glass-to-Glass or Glass-to-Wall Installations With Overhead Concealed Door Closers or Pivots
- Six Standard Finishes: Satin Anodized, Black Bronze Anodized, Black Powder Coat, Polished Brass, Polished Stainless, and Brushed Stainless
- Custom Finishes Available on Special Order



Custom 4" Floating Headers



Custom Narrow Floating Headers



Typical Store Entrance with Support Fins
(Viewed from the Inside)

Works With:



See page CH126

PH94 Ceiling Mounted Support Fin Bracket

'All-Glass' entrances are increasing in popularity and size. We have developed a means of adding rigidity to these openings using our Floating Header. Fin Supports will reduce the amount of deflection caused by wind or stack load pressure, and impacts.

For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

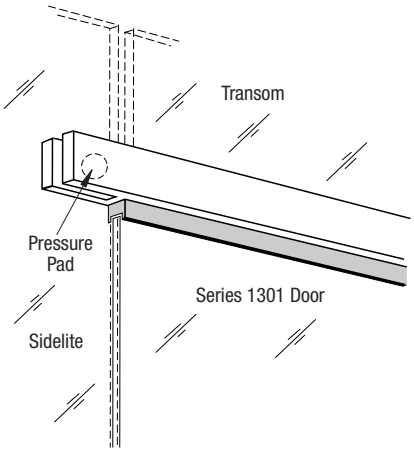
CRL Blumcraft B1250 Floating Transom System

- Custom Lengths to Your Specifications
- Suspended By Stainless Steel Rods
- No Holes or Notches in Transom or Sidelites
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Available in Several Architectural Finishes
- Custom Finishes, Including Oil Rubbed Bronze, Available on Special Order

The CRL Blumcraft B1250 Floating Transom System provides a clean, 'all-glass' look with minimal metal, and requires no holes or notches in the transom or sidelites. The Narrow Header of the B1250 is suspended from the C7500 Series Head Channel by thin stainless steel rods that are concealed in the gaps between the transom and sidelites.

Constructed of solid steel for ultimate strength, the B1250 Header is clad with brushed or polished stainless steel. Custom finishes are available upon request.

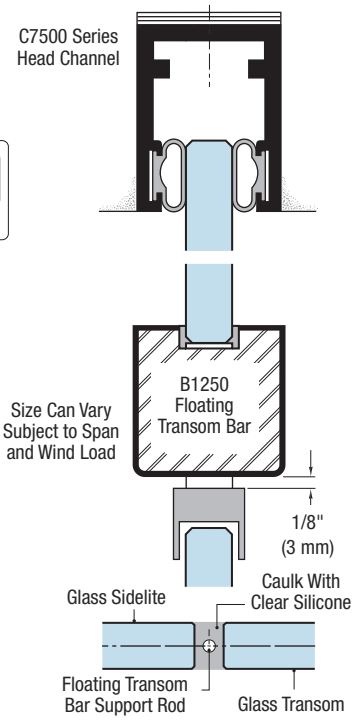




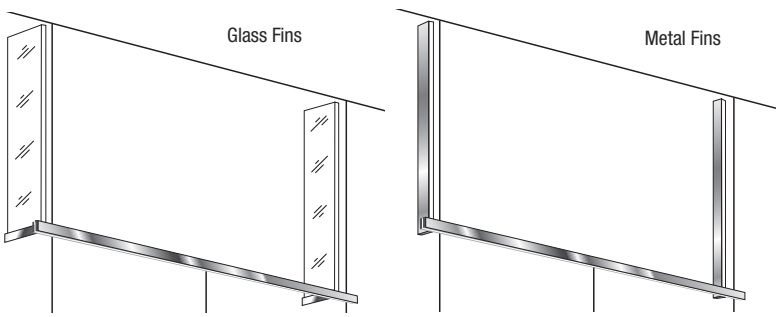
USE MONOLITHIC TEMPERED GLASS

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

MORE INFORMATION
crlaurence.com



The B1250 Floating Transom Bar 'sandwiches' the sidelite glass with concealed pressure pads, giving the system lateral support without any holes in the glass. Transom Bars can be designed to mount to walls or framing, and can also be used with Egress Handles in combination with electric strikes. The system is also available with glass or metal stabilizer fins when wind load conditions are greater than what the standard system can withstand.



CUSTOM LENGTH B1250 FLOATING TRANSOM

1/2" (12 MM) GLASS CAT. NO.	3/4" (19 MM) GLASS CAT. NO.	FINISH
B125012BS	B125034BS	*Brushed Stainless
B125012PS	B125034PS	*Polished Stainless

Minimum order: 1 each. Custom Floating Headers are made to your specified size and are not returnable. *Clad Finish.

For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

CRL Hat Channel and Hat Channel Door Closer Header for Drop Ceiling Systems

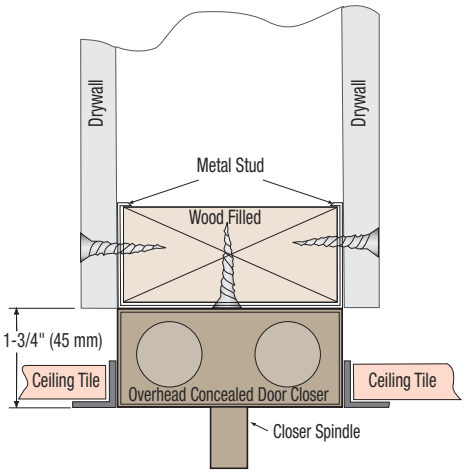
- **Designed for New or Retrofit Construction in Buildings With Large, Open Floor Spaces**
- **Designed for an Almost Invisible Look in Drop Ceilings**
- **Extruded Aluminum With a White Finish**

APPLICATION TIP:
The CRL Hat Channel Door Closer Header is an excellent solution for interior tenant improvement projects with drop ceilings.

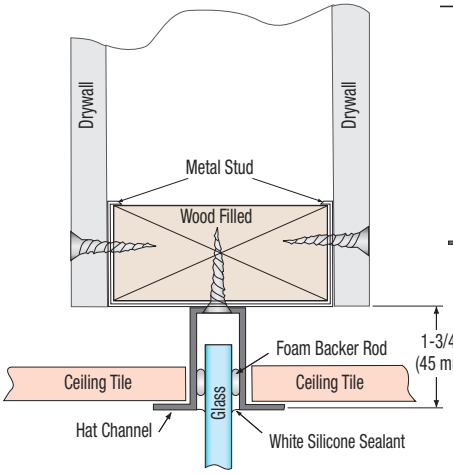


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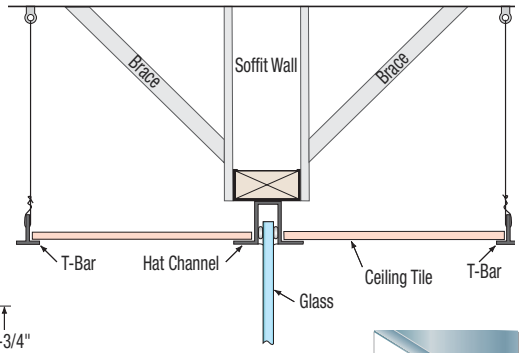
Hat Channel Door Closer Header
Soffit Wall



Hat Channel
Soffit Wall



T-Bar or Drop Ceiling Installations



MORE INFORMATION crlaurence.com

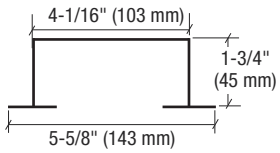


CRL Hat Channel Door Closer Header for Single and Double Doors

- **White Finish to Match Ceiling T-Bar**
- **Surrounded by 'L' Angle to Support Ceiling Tiles**



CRL Hat Channel Door Closer Header is designed to be used for an almost invisible look when glass doors and fixed panels are installed in drop ceilings. The Header is connected to a soffit that is 1-3/4" (45 mm) above the ceiling line. For Overhead Concealed Door Closers see pages CH169-CH175.



CAT. NO.	FINISH	DESCRIPTION
HH4WHS	White	36" (914 mm) Single Door
HH4WHD	White	72" (1829 mm) Double Door
HH4WHCS	White	** Custom Single Door
HH4WHCD	White	** Custom Double Door

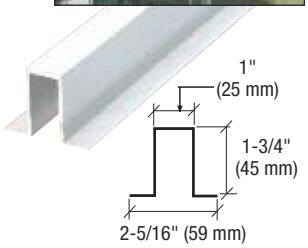
Minimum order: 1 each. ** Length must be specified when ordering. Maximum length is 96" (2.44 m).
Stock sizes can be combined for quantity pricing.

CRL Hat Channel for Fixed Glazing

- **White Finish to Match Ceiling T-Bar**
- **Accepts 3/8" or 1/2" (10 or 12 mm) Glass**



Our CRL Hat Channel secures to the bottom of the soffit. It provides a glazing pocket for 3/8" (10 mm) or 1/2" (12 mm) glass, and ceiling panel retaining lips that match the T-Bar 1-3/4" (45 mm) below the soffit. Glass is secured with Cat. No. RTV408W White Silicone Sealant.



CAT. NO.	FINISH	DESCRIPTION
HC1WHSL	White	120" (3.05 m) Channel
HC1WH240	White	240" (6.10 m) Channel
HC1WHCL	White	** Custom Channel

Minimum order: 1 each. ** Length must be specified when ordering. Maximum length is 240" (6.10 m).
Lengths over 108" (2.74 m) must ship common carrier. Stock sizes can be combined for quantity pricing.





Online Photo Gallery

When you visit **crlaurence.com/gallery** you can view our photo galleries of finished projects. It's a great way to show your customers what can be accomplished when they specify CRL Architectural Hardware Products.



New Designer Series Handles (see next page)

CRL Blumcraft Access Control Handles

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- Access Control Handles With a Large Selection of Exterior Fixed Pulls for Medium and Wide Stile Doors
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order

MORE INFORMATION crlaurence.com

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CRL Blumcraft manufactures a complete line of Access Control Handles for all your 'all-glass' door needs. We have Panic Devices, Deadbolt Handles, and Electronic Egress Control Handles in a wide variety of configurations. We can also supply you with Dummy Handles to match these devices, allowing you to maintain the same appearance throughout the project, but without the added costs. Visit **crlaurence.com/access-handles** for more information.

CRL Blumcraft DPA100 and DPA110 Designer Series Panic Handles

NEW!

- Sharp Lines and Angles With a Smooth Rounded Gripping Surface
- Crisp Transitions at All Corners
- Available in Alloy 316 Brushed or Polished Stainless Steel





PATENT PENDING

Our New Designer Series 'D' Shape Access Control Handles, featuring sharp lines and angles with a smooth rounded gripping surface, is manufactured for your 'all-glass' door needs.

Comfort With a Designer Edge

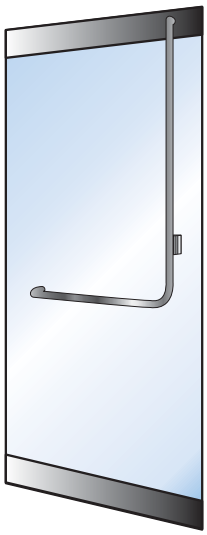


Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send an e-mail through our web site at **crlaurence.com/support**.

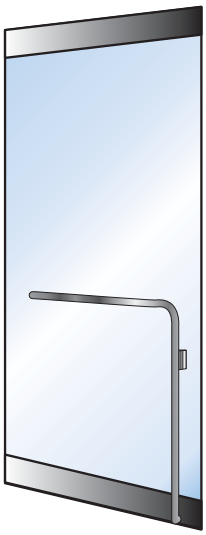
NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

Standard Interior Configurations for CRL Blumcraft Access Control Handles

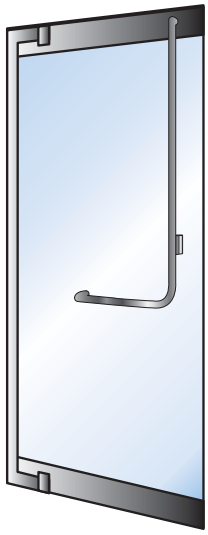
BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.



Top Latching Panic, Deadbolt, and Egress Handles



Bottom Latching Panic, Deadbolt, and Egress Handles



Now Available for Balanced Doors, (See Page CH066)

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

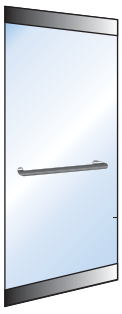
ARCH. SPEC. ONLINE



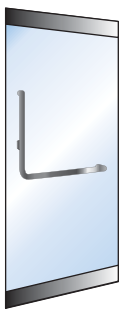
Exterior Handle Combinations for Doors with CRL Blumcraft Access Control Handles

NOTE: All Exterior Fixed Handles below can be used in combination with any Panic, Deadbolt or Electronic Egress Handle. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail through our web site at **crlaurence.com/support**.

MORE INFORMATION crlaurence.com



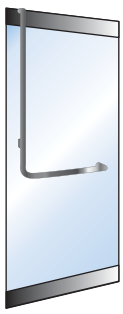
Handle A



Handle B



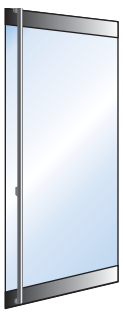
Handle C



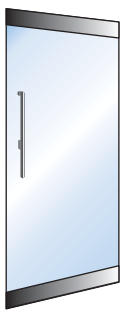
Handle D



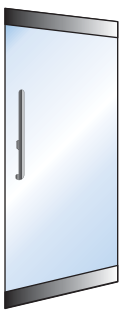
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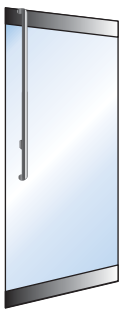
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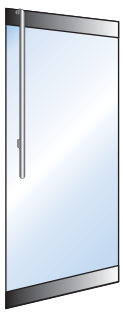
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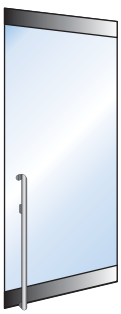
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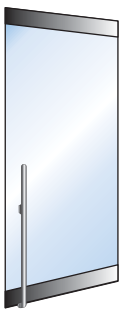
Handle J



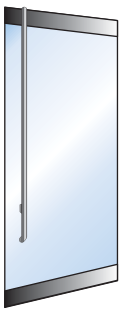
Handle J-S



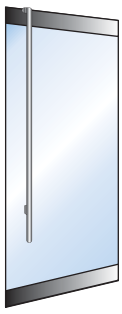
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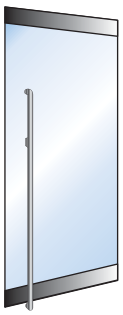
Handle K-S



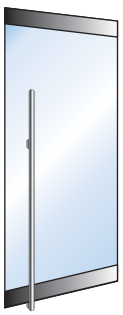
Handle L



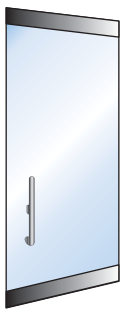
Handle L-S



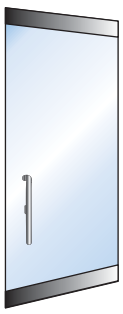
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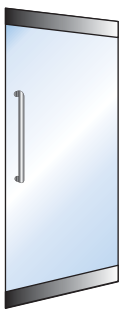
Handle M-S



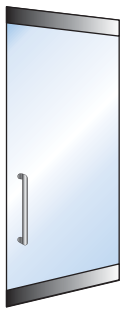
Handle N



Handle P



Handle X



Handle Y

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Blumcraft PA100 and PA110 Series Panic Handles

- UL, ULC, and ANSI/BHMA Certified
- For 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Models for Aluminum or Wood Doors Available on Special Order
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks

CRL Blumcraft manufactures a complete line of Panic Handles designed with the 'all-glass' door in mind. These elegant tubular devices give you maximum viewing area and a contemporary look when used on 1/2", 5/8" or 3/4" (12, 16 or 19 mm) tempered glass doors.

The most popular of these Panics is our PA100 Series. They provide a solution to the strict Americans With Disabilities Act (A.D.A.) Codes that confront every manufacturer and installer of 'all-glass' doors.

The interior portion of the device is a slender 1-1/4" (32 mm) tube stretching across the door and then gently turning upwards to the top of the door, eliminating any interference at the lower half of the door, which must remain clear of obstructions to pass A.D.A. demands.

The operating mechanism is completely concealed within the tube, and retracts a roller latch bolt at the top of the door when pushed gently. Complementing the sleek interior look, we offer a large selection of exterior pull handles that can be as simple as a horizontal handle (Model PA100A) to one that mirrors the interior device (Model PA100D).

All PA100 Series Panic Handles come with a 'dogging' feature that allows you to lock the device in the open position by simply sliding a lever, giving free access during business hours. They also can be used in conjunction with an Electric Strike, allowing for remote keyless entry. For your convenience, Custom Headers are available with all strike hardware installed.





When A.D.A. Codes are not a concern, we also offer our PA110 Series Panic Handles. These Panics are of the same sleek design as the PA100 Series, except they stretch across the door and then bend downward to the bottom of the door, latching at the floor or threshold.

They operate just like the PA100 Series Panics, and have the same 'dogging' feature. Strikes are available for either threshold or no threshold applications providing secure, accurate latching every time.

All of our PA100 and PA110 Panic Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable Panic will serve your customer for years to come.

Most importantly, they are all UL305, ULC-S132-07, and ANSI/BHMA A156.3-2008, Grade 1 Certified. No other Panic of this type can make this claim, and that puts CRL Blumcraft Panic Handles a step ahead of all the rest.

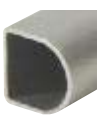
For more information on our PA100 and PA110 Series Panic Handles, contact CRL Technical Sales, or visit our web site at **crlaurence.com/access-handles**.

ARCH. SPEC. ONLINE

BHMA CERTIFIED

USE MONOLITHIC TEMPERED GLASS

MORE MODELS crlaurence.com



The "D" Shape Designer Series of Panic Handles features sharp lines and angles with a smooth round gripping surface. See page CH056 for more information.

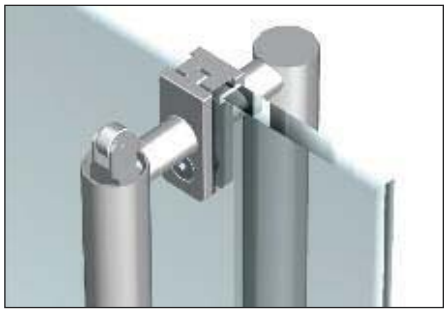
Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.
You can also send e-mail to **crlaurence.com/support**.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

UL is a registered trademark of UL LLC.

CRL Blumcraft PA100 Series Panic Handle Details

(Details similar for Designer Series Handles.)

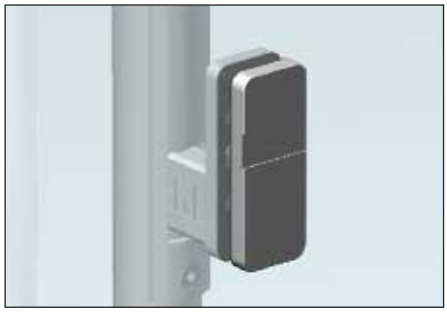

Glass Mount Detail at Latch


Rail Mount Detail at Latch


Keyed Access


Glass Mount Detail at Latch With Header and PK Strike


Rail Mount Detail at Latch with Header and ESK Strike


Retainer Plate

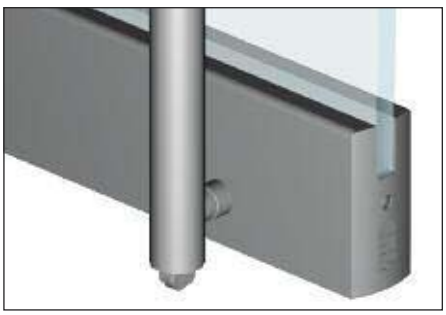
CRL Blumcraft PA110 Series Panic Handle Details

MORE INFORMATION crlaurence.com

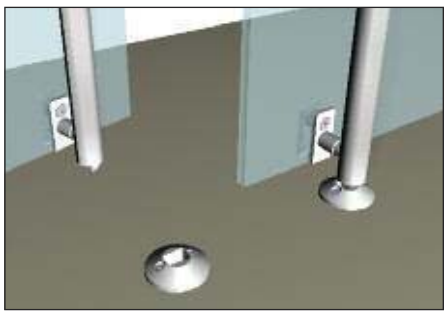
MORE CHOICES crlaurence.com

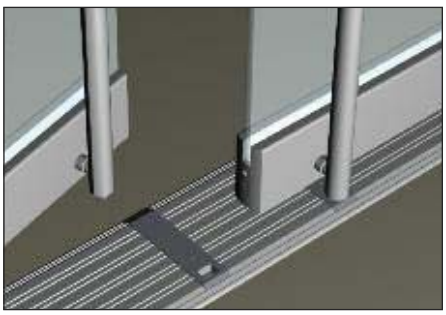
(Details similar for Designer Series Handles.)

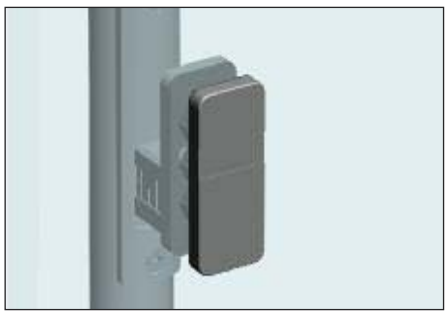

Glass Mount Detail at Latch


Rail Mount Detail at Latch


Keyed Access


Glass Mount Detail at Latch With Floor Mount Ramp Strike


Rail Mount Detail at Latch With Threshold Ramp Strike


Retainer Plate

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.
You can also send e-mail to **crlaurence.com/support**.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

CRL Blumcraft DB100 and DB110 Series Deadbolt Handles

- UL Classified
- For 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Models for Aluminum or Wood Doors Available on Special Order





- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks

CRL Blumcraft manufactures a complete line of Deadbolt Handles designed to complement our popular line of Panic Handles. They offer easily accessible locking hardware for 'all-glass' doors in an elegant tubular device, while maximizing your viewing area. Our Deadbolt Handles add a contemporary look to any 1/2", 5/8" or 3/4" (12, 16 or 19 mm) tempered glass door.

Like our PA100 Series Panics, our DB100 Series Deadbolt Handles provide a solution to the strict Americans With Disabilities Act (A.D.A.) Codes that confront every manufacturer and installer of 'all-glass' doors.

The interior portion of the device is a slender 1-1/4" (32 mm) tube stretching across the door and then gently turning upwards to the top of the door. This eliminates any interference in the lower half of the door, which must remain clear of obstructions to pass A.D.A. demands.

The locking hardware is completely concealed within the tube. The top deadbolt retracts with just a simple turn of a key or thumbturn conveniently located just above the horizontal portion of the handle. To complement the sleek interior look, we offer a variety of exterior pull handles that can be as simple as a horizontal handle (Model DB100A) or one that mirrors the interior device (Model DB100D).

All DB100 Series Deadbolt Handles can be used in conjunction with an Electric Strike, allowing for remote keyless entry. For your convenience, Custom Headers are available with all strike hardware installed.

Where A.D.A. Codes are not a concern, we offer our DB110 Series Deadbolt Handles. These Deadbolts are of the same sleek design as the DB100 Series, except they stretch across the door and then bend downward to the bottom of the door, latching at the floor or threshold.

They operate just like the DB100 Series Deadbolts. Strikes are available for either threshold or no threshold applications, providing secure, accurate engagement of the deadbolt with every closing.

All of our DB100 and DB110 Deadbolt Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable Deadbolt Handle is installed every time. Most importantly, they are all UL Classified to ANSI A156.16-1997 Standard.

For more information on DB100 and DB110 Series Deadbolt Handles, contact CRL Technical Sales, or visit our web site at **crlaurence.com/access-handles**.

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MORE MODELS crlaurence.com



The "D" Shape Designer Series of Deadbolt Handles features sharp lines and angles with a smooth round gripping surface. See page CH056 for more information.

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International,.
You can also send e-mail to **crlaurence.com/support**.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

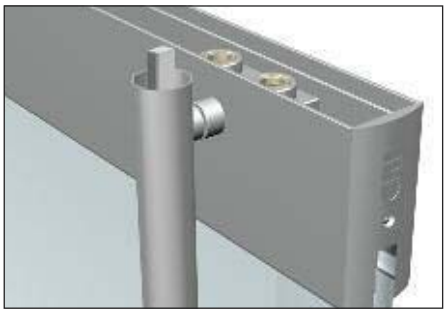
UL is a registered trademark of UL LLC.

CRL Blumcraft DB100 Series Deadbolt Handle Details

(Details similar for Designer Series Handles.)



Glass Mount Detail at Latch



Rail Mount Detail at Latch



Keyed Access – Cylinder Out / Thumbturn In



Glass Mount Detail at Latch With Header and Hole for Latch



Rail Mount Detail at Latch With Header and PK Strike



Glass Mount Detail at Latch With Header and ESK Strike

CRL Blumcraft DB110 Series Deadbolt Handle Details

(Details similar for Designer Series Handles.)



Glass Mount Detail at Latch



Rail Mount Detail at Latch



Keyed Access – Cylinder Out / Cylinder In



Glass Mount Detail at Latch
With Threshold Prepped for Latch



Rail Mount Detail at Latch at Floor
With AMR209 Dustproof Keeper



Glass Mount Detail at Latch at Floor
With 777SP Flat Strike

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.
You can also send e-mail to crlaurence.com/support.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

CRL Blumcraft EG100 and EG110 Series Electronic Egress Control Handles

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- UL and ULC Recognized Component
- For 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass Doors
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Wide Selection of Exterior Fixed Handles
- Custom Sizes Ship Within One to Two Weeks
- Models for Aluminum or Wood Doors Available on Special Order

CRL Blumcraft EG100 Series Electronic Egress Control Handles are an economical method to control access into, and safe exit from, areas that call for security and still maintain the beauty and view of an 'all-glass' door. These elegant tubular devices give you maximum viewing area and a contemporary look when used on 1/2", 5/8 or 3/4" (12, 16 or 19 mm) tempered glass doors.

Like our Panic and Deadbolt Handle Line, these Handles also meet the rigid requirements imposed by the A.D.A. Codes on every manufacturer and installer of 'all-glass' doors.

The interior portion of the device is a slender 1-1/4" (32 mm) tube stretching across the door and then gently turning upwards to the top of the door. This eliminates any interference in the lower half of the door, which must remain clear of obstructions to pass A.D.A. demands.

An Electronic Switch is completely concealed within the tube and releases a Magnetic Lock at the top or bottom of the door when gently pushed. To complement the sleek interior look, we offer a variety of exterior pull handles that can be as simple as a horizontal handle (Model EG100A) to one that mirrors the interior device (Model EG100D).

A Magnetic Lock must be ordered separately. Please contact CRL Technical Sales. For your convenience, Custom Headers are available with all lock hardware installed.





If A.D.A. Codes are not a concern, we also have our EG110 Series Electronic Egress Control Handles. These Handles are of the same sleek design and operation as the EG100 Series, except they stretch across the door and then bend downward to the bottom of the door.

All of our EG100 and EG110 Electronic Egress Control Handles come equipped with surge suppression ZNR that is compatible with most Shear Locks. However, we suggest that the lock manufacturer be contacted to ensure compatibility with this feature.

All CRL Blumcraft Electronic Egress Control Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable product is installed every time. Most importantly, they are all UL and ULC Recognized Components, tested to NFPA Life and Safety Code Standards.

For more information on EG100 and EG110 Series Electronic Access Control Handles, contact CRL Technical Sales, or visit our web site at **crlaurence.com/access-handles**.

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHALL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM
Listing No. 3774-1603:100
U.S. Patent No. 7,347,461

ARCH. SPEC. ONLINE

USE MONOLITHIC TEMPERED GLASS



The "D" Shape Designer Series of Egress Handles features sharp lines and angles with a smooth round gripping surface. See page CH056 for more information.

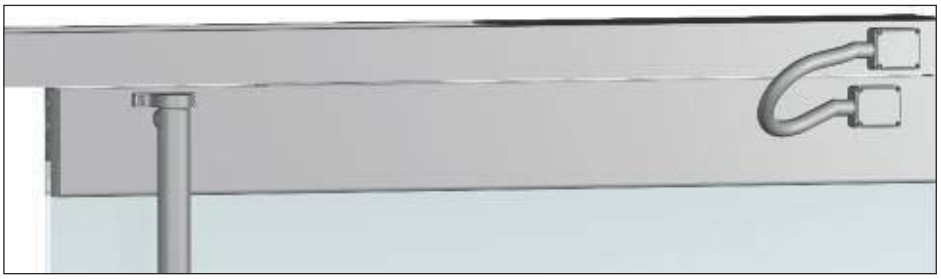
Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.
You can also send e-mail to **crlaurence.com/support**.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

UL is a registered trademark of UL LLC.

CRL Blumcraft EG100 Series Electronic Egress Control Handle Details

(Details similar for Designer Series Handles.)



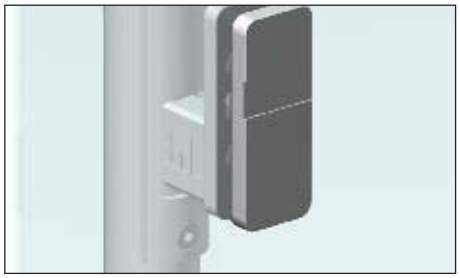
Rail Mount Detail at Header and Wire Loop for EG100



Keyed Access



Rail Mount Detail at Top of EG100 With Header and Electromagnetic Shear Lock



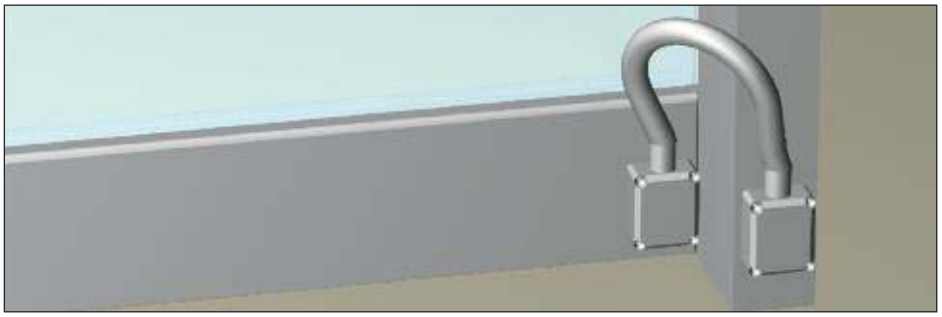
Retainer Plate

CRL Blumcraft EG110 Series Electronic Egress Control Handle Details

MORE INFORMATION crlaurence.com

MORE CHOICES crlaurence.com

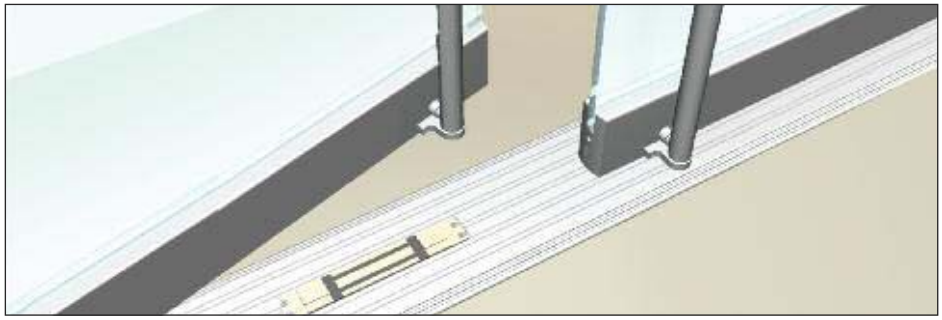
(Details similar for Designer Series Handles.)



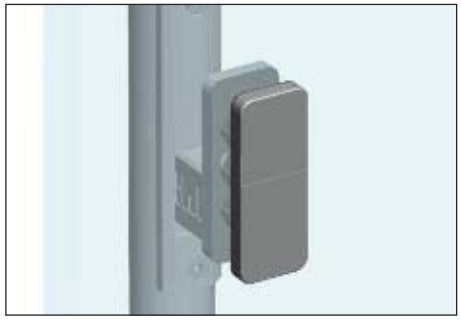
Rail Mount Detail at Sill/Jamb and Wire Loop for EG110



Keyed Access



Rail Mount Detail at Bottom of EG110 With Threshold and Electromagnetic Shear Lock



Retainer Plate

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.
You can also send e-mail to **crlaurence.com/support**.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

CRL Door Stops and Strikes

MORE INFORMATION crlaurence.com

CRL Header Mount PK Series Stop/Strikes

- For Use With PA100 Series Panics and DB100 Series Deadbolts

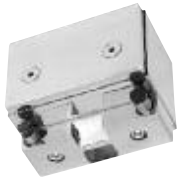


MODEL PK2 MODEL PK1

These CRL PK Series Stop/Strikes are used to provide a positive stop for the door and a strike or keeper for the Panic or Deadbolt. They can be ordered for use on either single or double doors, and are available in matching architectural finishes. Full selection and application details are available from CRL Technical Sales. Minimum order is one each.

CRL Glass Transom Mount PK Series Stop/Strikes

- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Transoms
- For Use With PA100 Series Panics and DB100 Series Deadbolts



MODEL PK1GT



MODEL PK2GT

CRL PK Series Stop/Strikes for Glass Transoms provide a positive stop for the door, a strike or keeper for the Panic or Deadbolt, and attach to 'all-glass' transom panels. They can be ordered for use on either single or double doors, and are available in several finishes. Minimum order is one each.

CRL Header Mount ESK/ESP Series Stop/Strikes

- For Use with PA100 Series Panics and DBR100 Series Deadbolts



MODEL ESK2
Without Door Position Sensor

MODEL ESK1
Without Door Position Sensor

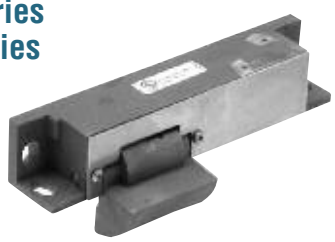
MODEL ESP2
With Door Position Sensor

MODEL ESP1
With Door Position Sensor

Our CRL ESK/ESP Series Stop/Strikes come with a Folger Adam® 310 1-3/4" NFS Electric Strike. They provide a positive stop for the door, and a strike or keeper for the Panic or Deadbolt. Stop/Strikes can be ordered for use on either single or double doors. On double door applications you can order prepped for single or double Electric Strikes. Minimum order is one each.

CRL Electric Strike

- For Use With PA100 Series Panics and DBR100 Series Deadbolts
- 24V DC Fail-Secure
- Used in Conjunction With ESK Series Stop/Strike



CAT. NO. ES3101

This Folger Adam® 310 1-3/4" NFS Electric Strike is a 24V DC Fail-Secure Strike that unlocks only when energized. They are used in conjunction with an ESK Series Stop/Strike. This Strike has a 3/4" (19 mm) straight latch bolt keeper. A faceplate is not supplied. For application details please contact CRL Technical Sales. Minimum order is one each.

CRL Floor Mount Ramp Strike

- For Use With PA110 Series Panics
- Available in Brushed Stainless Finish



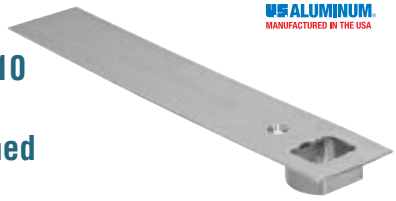
The Floor Mount Ramp Strike is used with our PA110 Series Panics when there is no threshold under the door. It mounts directly on top of the finished floor. It is available only in brushed stainless steel. Selection and application details are available from CRL Technical Sales. Minimum order is one each.

NOTE: A Floor Mount Ramp Strike cannot be interchanged with a Threshold Mount Ramp Strike. A new Panic Device is required when making this change.

CAT. NO. FRS01F

CRL Threshold Mount Ramp Strike

- For Use With PA110 Series Panics
- Available in Brushed Stainless Finish



The Threshold Mount Ramp Strike is used with our PA110 Series Panics when there is a threshold located below the door. It is available only in brushed stainless steel, and requires some field fabrication by the installer to fit specific application requirements. Selection and application details are available from CRL Technical Sales. Minimum order is one each.

NOTE: A Threshold Mount Ramp Strike cannot be interchanged with a Floor Mount Ramp Strike. A new Panic Device is required when making this change.

CAT. NO. TRSP1

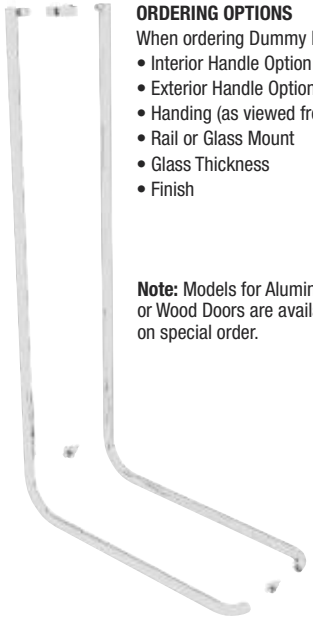
Folger Adam is a registered trademark of Southern Folger Detention Equipment Company.

CRL Blumcraft Dummy Handles

- Custom Fabricated to Match All CRL Blumcraft Panic, Deadbolt or Electronic Egress Control Handle and Exterior Handle Combinations
- For 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass Doors in Interior and Exterior Applications
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Stock Finishes Available for Shipment Within Three to Five Business Days

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.





ORDERING OPTIONS
When ordering Dummy Handles you must specify:
- Interior Handle Option (see page CH057)
- Exterior Handle Option (see page CH057)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- Finish

Note: Models for Aluminum or Wood Doors are available on special order.

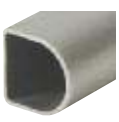
USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

MORE INFORMATION crlaurence.com

When functionality is not required, our Dummy Handles can be made to match any of our Panic, Deadbolt or Electronic Egress Handles, giving you the same appearance throughout your project. C.R. Laurence's experienced Manufacturing Division can also create custom Dummy Handles to meet design demands.

Our Technical Sales Professionals will discuss with you how best to fill your needs. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send e-mail through our web site to **crlaurence.com/support**.



The "D" Shape Designer Series of Dummy Handles features sharp lines and angles with a smooth round gripping surface. See page CH056 for more information.





NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.



Technical Assistance

CRL Technical Sales can be reached Monday through Friday from 6:00 am to 5:00 pm Pacific Time. Phone toll free (800) 421-6144 from anywhere in the U.S., (877) 421-6144 from anywhere in Canada, or (323) 588-1281 International.

You can also send e-mail requests for quotes or product information to **crlaurence.com/support**.

CRL Blumcraft BP100 Series Panic Handles for Balanced Doors

CRL US ALUMINUM MANUFACTURED IN THE USA

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- Specifically Designed for Balanced Doors
- UL, ULC, and ANSI/BHMA Certified
- For 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks



CRL Blumcraft Balanced Door Panic Handles were created to meet the building code requirements for Balanced Doors, while maintaining an excellent appearance. The building code states that the push pad shall not extend more than one-half the width of the door measured from the latch side, and this creates an undesirable appearance.

Our BP100 Series has a fixed handle portion that extends toward the hinge side of the door, with a clearly defined push pad handle portion at the latch side of the door. This wider handle has greatly improved aesthetics over a handle that only spans one-half of the door's width.

Yet another fine example of C.R. Laurence's commitment to meeting building code requirements, while at the same time delivering the beautiful hardware that our architectural customers demand.

Exterior Handle Combinations for Balanced Doors With CRL Panic Handles

NOTE: Exterior Fixed Handles shown to the right can be used in combination with our BP100 Series Panic Handle. For additional Exterior Fixed Handle options, see page CH057.

MORE INFORMATION crlaurence.com



Handle A-BP



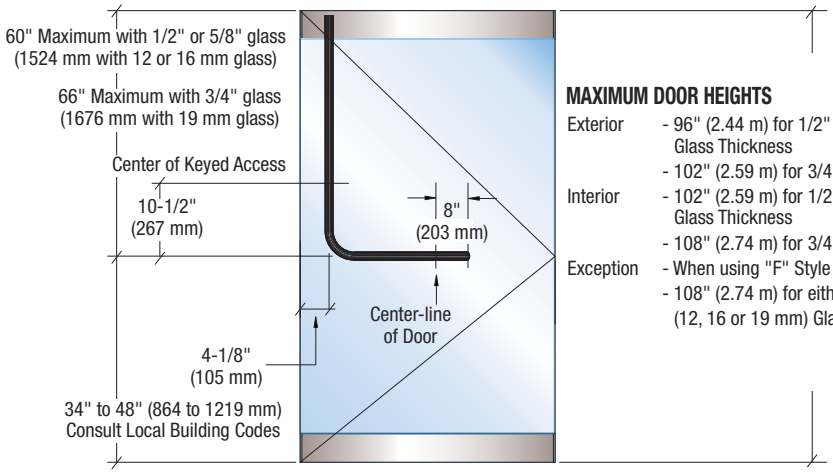
Handle D-BP



Handle B-BP

CRL Balanced Door Panic Handle Size Limitations

- Top Latching



MAXIMUM DOOR HEIGHTS

Exterior	- 96" (2.44 m) for 1/2" or 5/8" (12 or 16 mm) Glass Thickness
	- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
Interior	- 102" (2.59 m) for 1/2" or 5/8" (12 or 16 mm) Glass Thickness
	- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness
Exception	- When using "F" Style Exterior Handle
	- 108" (2.74 m) for either 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Glass Thickness

ARCH. SPEC. ONLINE

BHMA CERTIFIED

USE MONOLITHIC TEMPERED GLASS

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.
You can also send e-mail to crlaurence.com/support.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.

UL is a registered trademark of UL LLC.

SDC® Hi/Shear® Electromagnetic Mortise Mounted Shear Lock

- **2000 Pounds Shear Holding Force**
- **Fully Automatic 12/24V DC Selection**
- **Lock and Armature are Mortised**
- **Limited Lifetime Warranty**

This CRL SDC® Hi/Shear® Electromagnetic Mortise Mounted Shear Lock is designed for use with single and double metal doors and frames, or glass doors with top rails and metal frames. These compact size Shear Locks are totally concealed locking mechanisms, providing superior security and appearance. Minimum order is one each.

SPECIFICATIONS:

Holding Force:	2000 lbs. (907 kg)
Input Voltage:	12/24 Volts DC - Automatic Selection
Current Draw:	650mA @ 12V DC, 350mA @ 24V DC



CAT. NO. SDC1562

Securitron® Shear Aligning Magnalock® Mortise Mounted Shear Lock

- **Fully Automatic 12/24V DC Selection**
- **1200 Pounds Shear Holding Force**
- **MagnaCare Lifetime Replacement Warranty**

This Securitron® brand Electromagnetic Mortise Shear Aligning Magnalock® is designed for use with single and double metal doors and frames, or glass doors with top rails and metal frames. These compact size Shear Locks are mortised into the frame, and the strike is concealed into the door frame or rail. This totally concealed locking mechanism is ideal for swing-through and sliding doors, and provides superior security and appearance. Minimum order is one each.

SPECIFICATIONS:

Holding Force:	1200 Lbs. (544 kg)
Input Voltage:	12/24 Volts DC - Automatic Selection
Current Draw:	350mA @ 12V DC 175mA @ 24V DC



CAT. NO. SAM1224

Schlage® GF3000 Series Mortise Mounted Shear Locks

- **Fully Automatic 12/24V DC Selection**
- **3000 Pounds Shear Holding Force**
- **Limited Lifetime Warranty**

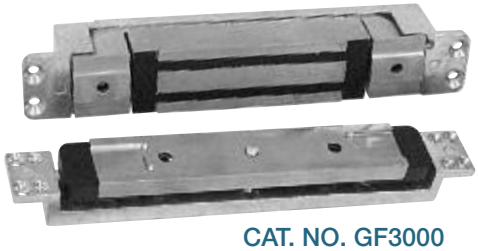
This Mortise Mounted Shear Lock is ideally suited for Herculite type doors with top or bottom rails, as well as commercial grade hollow metal doors and frames. All models offer a built-in automatic relock feature that can be adjusted from 1 to 30 seconds. Universal hardware is included for installation into flush or recessed depth door edge. The "BRD" model is available for floor mounting applications when no top rail mounting is available.

SPECIFICATIONS:

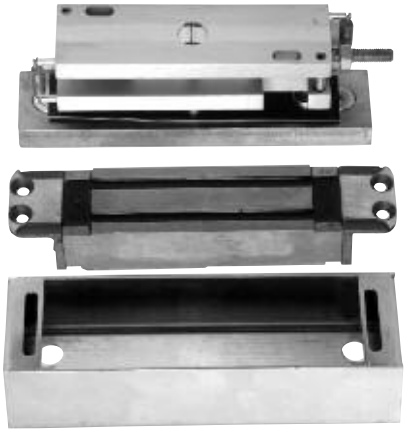
Holding Force:	2700 - 3000 lbs. (1225 - 1361 kg)
Input Voltage:	12/24 Volts DC - Automatic Selection Requires a Filtered, Regulated Power Supply
Current Draw:	900mA @ 12V DC 450mA @ 24V DC

CAT. NO.	MOUNTING TYPE
GF3000	Overhead Mount - Top Rail
GF3000BRD	Floor Mount - Bottom Rail

Minimum order: 1 each. All Electromagnetic Locks can be combined for quantity pricing.



CAT. NO. GF3000
Overhead Mount



CAT. NO. GF3000BRD
Floor Mount

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Securitron and Magnalock are registered trademarks of Hanchett Entry Systems, Inc. an ASSA ABLOY Group Company.
Schlage is a registered trademark of Allegion plc.
UL is a registered trademark of UL LLC.

CRL Standard Electromagnetic Locks

- **Single or Double Magnets**
- **Aluminum Housing With Brushed Aluminum Finish**
- **Limited Warranty**
- **UL Listed**

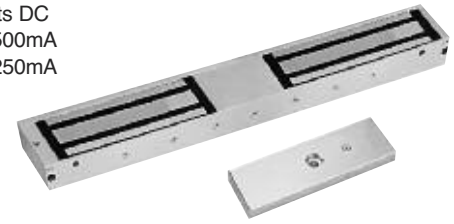
MORE INFORMATION crlaurence.com

These Standard Electromagnetic Locks are constructed with rugged aluminum housings for durability and good looks. Intended for interior use, they have no moving parts, are maintenance free, and will provide superior, long lasting performance.

MLST1200U SINGLE MAGNET
Holding Force: 1200 lbs. (544 kg)
Dual Voltage: 12/24 Volts DC
12 Volt Current Draw: 500mA
24 Volt Current Draw: 250mA
Standard Wiring
Unmonitored
L = 10-7/16" (265 mm)
H = 2-15/16" (75 mm)
D = 1-5/8" (41 mm)



MLST1202U DOUBLE MAGNET
Holding Force: 1200 lbs. (544 kg)
Dual Voltage: 12/24 Volts DC
12 Volt Current Draw: 500mA
24 Volt Current Draw: 250mA
Standard Wiring
Unmonitored
L = 21" (534 mm)
H = 2-15/16" (75 mm)
D = 1-5/8" (41 mm)



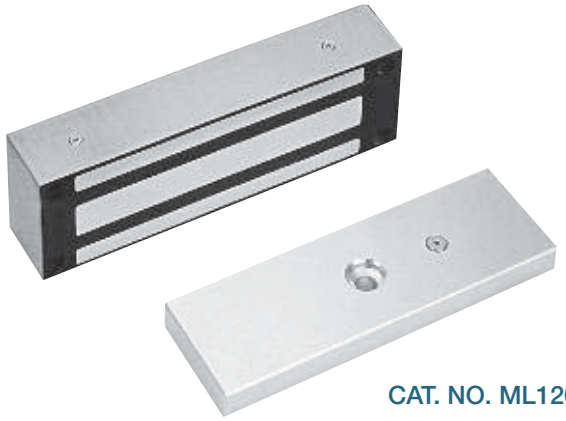
CAT. NO.	MODEL	FINISH
MLST1200U	Single Magnet	Anodized Brushed Aluminum
MLST1202U	Double Magnet	Anodized Brushed Aluminum

Minimum order: 1 each. All Electromagnetic Locks can be combined for quantity pricing.

CRL Weatherproof Electromagnetic Lock

- **Sealed in a Stainless Steel Housing to Resist Severe Weather Conditions**
- **For Interior or Exterior Installations**
- **Limited Warranty**
- **UL Listed**

This Interior or Exterior Electromagnetic Lock is sealed in a stainless steel housing, and is tamperproof and weatherproof even under extreme conditions. With no moving parts, it is maintenance free, and will provide superior, long lasting performance. Minimum order is one each.



CAT. NO. ML1200U

ML1200U SINGLE MAGNET
Holding Force: 1200 lbs. (544 kg)
Dual Voltage: 12/24 Volts DC
12 Volt Current Draw: 500mA
24 Volt Current Draw: 250mA
Standard Wiring
Unmonitored
L = 8" (203 mm)
H = 1-3/4" (44 mm)
D = 1-9/16" (40 mm)

SDC® Emlock® Narrow Profile Electromagnetic Locks

NEW!

- **Fully Automatic 12/24V DC Selection**
- **1200 Pounds Holding Force**
- **Full Monitoring Standard**
- **ANSI/BHMA Grade 1 Compliant**

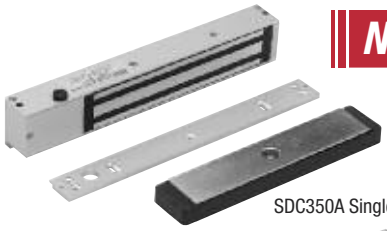
The SDC® Narrow Line Emlock® Electromagnetic Locks provide 1200 pounds per door leaf holding force and fail safe access control for perimeter and interior doors that meets building security and fire life safety code requirements. They project only 2-11/16" (68 mm) into the opening, enabling it to blend in exceptionally well with virtually any narrow frame.

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SDC and Emlock are registered trademarks of Security Door Controls
UL is a registered trademark of UL LLC.

SPECIFICATIONS:
Holding Force: 1200 lbs. (544 kg)
Input Voltage: 12/24 Volts DC - Automatic Selection
Single EMLock®
12 Volt Current Draw: 540mA
24 Volt Current Draw: 300mA
Dimensions:
L = 12-1/2" (318 mm) x H = 2-1/8" (54 mm) x W = 1-11/16" (43 mm)
Weight: 9.5 lbs. (4.3 kg)

Double EMLock®
Current Draw:
12 Volt Current Draw: 1080mA
24 Volt Current Draw: 600mA
Dimensions:
L = 25" (635 mm) x H = 2-1/8" (54 mm) x W = 1-11/16" (43 mm)
Weight: 22.5 lbs. (10.2 kg)



SDC350A Single Magnet



SDC352A Double Magnet

CAT. NO.	MODEL	FINISH
SDC350A	Single Magnet	Anodized Aluminum
SDC352A	Double Magnet	Anodized Aluminum

Minimum order: 1 each. All Electromagnetic Locks can be combined for quantity pricing.

SDC® EMLock® 1500 Series Electromagnetic Locks

MORE CHOICES crlaurence.com

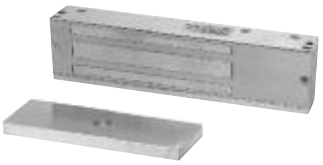
- ANSI/BHMA Grade 1 Compliant
- Fully Automatic 12/24V DC Selection
- 1650 Pounds Holding Force
- Field Upgradeable Without Removal From the Frame
- Anodized Aluminum or Dark Bronze Anodized Finish
- Limited Lifetime Warranty
- UL Listed

These SDC® EMLock® 1500 Series Electromagnetic Locks offer the advantage of being totally adaptable to virtually any application utilizing Top Jamb or Glass Door Kits. With holding forces tested to 1650 pounds, these EMLock® 1500 Series Electromagnetic Locks provide extra high security. The epoxy-less design provides a superior appearance with an anodized aluminum or dark bronze finish on all sides. The interlocking EZ Mount assembly leaves hands free for wiring and securing of mounting screws. EMLocks® are UL Listed and ANSI Grade 1 compliant. Field upgradeable with no need to ever remove a lock from the frame to upgrade or exchange internal components. Self-drilling and tapping sheet metal screws and 10-32 machine screws are included.

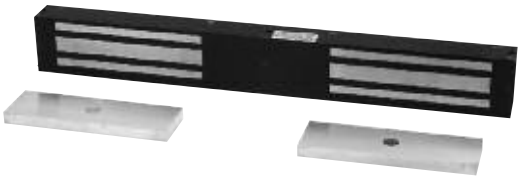
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SPECIFICATIONS:
Holding Force: 1650 lbs. (748 kg)
Input Voltage: 12/24 Volts
DC - Automatic Selection
(Requires Filtered Power Supply)
Single EMLock®
Current Draw:
670mA @ 12V DC
350mA @ 24V DC
Dimensions:
L = 11" (279 mm) x H = 2-3/4"
(70 mm) x W = 1-9/16" (40 mm)
Weight: 11 lbs. (5 kg)

Double EMLock®
Current Draw:
1340mA @ 12V DC
700mA @ 24V DC
Dimensions:
L = 22" (559 mm) x H = 2-3/4"
(70 mm) x W = 1-9/16" (40 mm)
Weight: 26.5 lbs. (12 kg)



SDC1511A Single Magnet EMLock®



SDC1512DU Double Magnet EMLock®

ANODIZED ALUMINUM CAT. NO.	DARK BRONZE CAT. NO.	MODEL
SDC1511A	SDC1511DU	Single Magnet
SDC1512A	SDC1512DU	Double Magnet

Minimum order: 1 each. All Electromagnetic Locks can be combined for quantity pricing.

Schlage® M490 Series Electromagnetic Locks

- High Security 1500 Pounds Direct Holding Force
- Fully Automatic 12/24V DC Selection
- Models for Single and Double Doors
- Limited Lifetime Warranty
- UL Listed

The Schlage® M490 Series surface mounted Electromagnetic Lock is ideal for high security applications. This Lock exceeds UL1034 and ANSI/BHMA A156.23 Grade 1 standards. It provides 1500 pounds direct holding force, and is UL Listed as an Auxiliary Lock for 3-hour fire rated openings and for burglary resistance. This Lock easily interfaces with electronic access control systems, automatic door operators, and fire or other hazard sensing systems for emergency egress.

For additional information, contact Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at crlaurence.com/support.

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Schlage is a registered trademark of Allegion plc.
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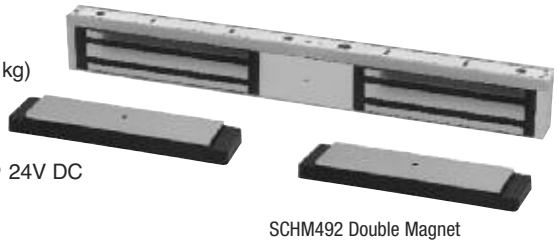
SPECIFICATIONS:
SCHM490
Holding Force: 1500 lbs. (680 kg)
Input Voltage: 12/24 Volts DC - Automatic Selection
Current Draw:
.65A @ 12V DC / .35A @ 24V DC
Dimensions:
L = 12-1/2" (318 mm) x H = 3"
(76 mm) x W = 1-3/4" (44 mm)
Weight: 14 lbs. (6.4 kg)

SCHM492
Holding Force: 1500 lbs. (680 kg)
Input Voltage: 12/24 Volts
DC - Automatic Selection
Current Draw:
1300mA @ 12V DC / 700mA @ 24V DC
Dimensions:
L = 25-1/16" (637 mm) x H = 3"
(76 mm) x W = 1-3/4" (44 mm)
Weight: 28 lbs. (12.7 kg)

NOTE: For a complete list of accessories, such as Mounting Brackets, Power Supplies, Transformers, and Keypads, see pages CH073-CH074.



SCHM490 Single Magnet



SCHM492 Double Magnet

CAT. NO.	MODEL	FINISH
SCHM490	Single Magnet	Anodized Aluminum
SCHM492	Double Magnet	Anodized Aluminum

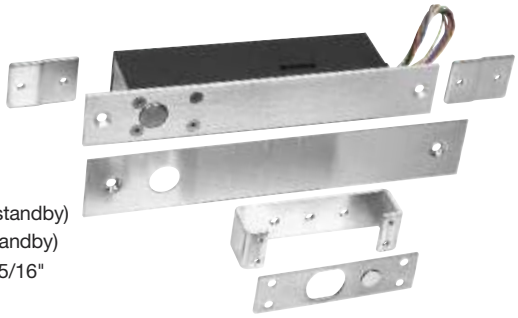
Minimum order: 1 each. All Electromagnetic Locks can be combined for quantity pricing.

CRL Electric Solenoid Bolt

- Dual Monitoring Lock
- Selectable Locking Time
- 12 or 24 Volts DC

This Electric Solenoid Bolt can be used with double acting doors. It features a 0, 2.5, or 5-second locking timer, and dual monitoring capability. Input Voltage can be selected as 12 or 24V DC. The Lock requires that the supplied Strike be properly installed so that the Lock can sense that the door is in the closed position. Brushed stainless cover plate included. Minimum order is one each.

MORE INFORMATION crlaurence.com



SPECIFICATIONS:

Input: 12 or 24 Volts DC (Not Automatic).

Current Draw: 160mA @ 12V DC (standby)
90mA @ 24V DC (standby)

Dimensions: Face = 8-5/16" x 1-5/16" (211 mm x 33 mm)
Body Depth = 1-3/4" (44 mm)
Cover = 8-11/16" x 1-1/2" (220 mm x 38 mm)
Throw = 1" (25 mm) Long x 9/16" (14 mm) Diameter

Fail-Safe Lock: Requires Power to Lock

CAT. NO. MLEDB1

CRL Electric Strike

- 12V DC Fail-Secure
- Finished Faceplate Included

This CRL Electric Strike offers superior strength and smooth operation. The standard Strike is a fail-secure model requiring power to open the latch. Faceplates are available in two standard finishes. Non-handed.

CAT. NO.	FACEPLATE FINISH
ST125A	Aluminum
ST125DU	Dark Bronze

Minimum order: 1 each. Strikes can be combined for quantity pricing.

SPECIFICATIONS:

Input: 12 Volts DC

Current Draw: 360mA @ 12V DC

Dimensions: Faceplate - Flat = 1-1/4" x 4-7/8" (32 mm x 124 mm)
Case: 1" x 3-7/8" x 1-1/2" (25 mm x 98 mm x 38 mm)
Strike Opening: 5/8" x 1-11/16" x 1/2" (16 mm x 43 mm x 13 mm)

Fail-Secure Lock: Requires Power to Unlock



Adams Rite® 74R1 Electric Strike

UL Listed for Burglary Resistance

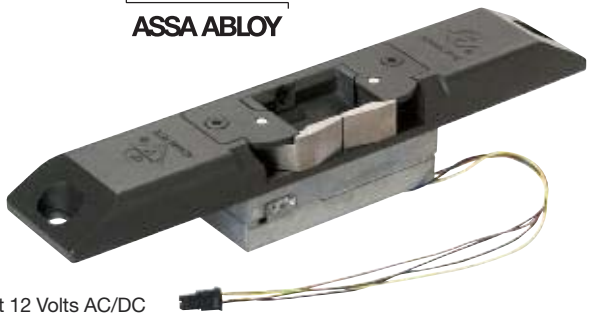
Adams Rite
ASSA ABLOY

- For Use With Rim Panic Device Up to 3/4" (19 mm) Latch
- Field Selectable 12/24 Volts AC/DC
- Field Convertible From Fail-Secure to Fail-Safe
- UL Listed for Burglary Resistance

This Adams Rite® 74R1 Electric Strike provides for remote electrical actuation to unlock the strike jaw and release the latchbolt for entry without operating the latch. This semi-mortised strike is for Rim Exit Devices having up to a 3/4" (19 mm) Pullman Type latch without auxiliary deadlock latches. Non-handed strike features an ultra-compact design and a stainless steel split-jaw with over 2400 lbs. of holding force. The standard strike is supplied in fail-secure mode, but is field convertible to fail-safe mode.

CAT. NO.	FINISH
AR74R1A	Aluminum
AR74R1DU	Dark Bronze

Minimum order: 1 each. Strikes can be combined for quantity pricing.



SPECIFICATIONS:

Input: Field Select 12 Volts AC/DC
24 Volts AC/DC
Contact Technical Sales for 16 Volts AC/DC

Current Draw: 440mA @ 12V DC
160mA @ 12V AC
230mA @ 24V DC
80mA @ 24V AC

Dimensions: Case: 1" x 3-3/8" x 1-1/16" deep (25 mm x 86 mm x 27 mm)
Strike Opening: 5/8" x 1-7/16" x 9/16" (16 mm x 37 mm x 14 mm)

Shipped as Fail-Secure Lock: Requires Power to Unlock.
Field Convertible to Fail-Safe Mode.

MORE CHOICES crlaurence.com

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.
UL is a registered trademark of UL LLC.

Adams Rite® 7100 Electric Strike

- For Use With Deadlatch and Cylindrical Latches With 1/2" to 5/8" (12 to 16 mm) Projection
- Field Convertible From Fail-Secure or Fail-Safe
- 12V DC or 24V DC Models
- Non-Handed

UL Listed for Burglary Resistance

Adams Rite ASSA ABLOY

MORE INFORMATION crlaurence.com



This Adams Rite® 7100 Electric Strike provides for remote electrical actuation to unlock the strike jaw and release the latch bolt for entry without operating the latch. This non-handed mortised strike is intended for use with deadlatch type and cylindrical latches with 1/2" (12 mm) to 5/8" (16 mm) projection without deadbolt latches. The standard strike is supplied in fail-secure mode, but is field convertible to fail-safe.

SPECIFICATIONS:

Input: 12 Volts DC or 24 Volts DC

Current Draw: 330mA @ 12V DC
170mA @ 24V DC

Dimensions: Faceplate - Flat = 1-1/4" x 4-7/8"
(32 mm x 124 mm)
Case: 1" x 3-3/8" x 1-5/8"
(25 mm x 86 mm x 41 mm)
Strike Opening: 5/8" x 1-7/16" x 1/2"
(16 mm x 37 mm x 13 mm)

Shipped as Fail-Secure Lock: Requires Power to Unlock.
Field Convertible to Fail-Safe Mode.

ELECTRIC STRIKES

12V DC CAT. NO.	24V DC CAT. NO.	FACEPLATE FINISH
7100310A	7100510A	Aluminum
7100310DU	7100510DU	Dark Bronze

Minimum order: 1 each. Strikes can be combined for quantity pricing.

LIP EXTENSION KITS

CAT. NO.	JAMB SIZE
91017105	4" (102 mm)
91017107	4-1/2" (114 mm)
91017113	6" (152 mm)

Minimum order: 1 each.

The 7100 Electric Strike has a lip of proper length for a 1-3/4" (44 mm) thick door that closes flush with the jamb edge. Where door thickness or jamb depth differs, Lip Extension Kits are available for field modification. Available in black finish only.



Adams Rite® 7160 Electric Strike

- For Use With Mortise and Cylindrical Latch With 3/4" (19 mm) Projection
- Field Convertible From Fail-Secure to Fail-Safe
- UL Listed for Burglary Resistance

UL Listed for Burglary Resistance

Adams Rite ASSA ABLOY



This Adams Rite® 7160 Electric Strike provides for remote electrical actuation to unlock the strike jaw and release the latch bolt for entry without operating the latch. The mortised strike is intended for use with mortise and cylindrical latches with 3/4" (19 mm) projection without deadbolt latches. The standard strike is supplied in fail-secure mode, but is field convertible to fail-safe.

SPECIFICATIONS:

Input: 24 Volts DC

Current Draw: 170mA

Dimensions: Faceplate - Flat = 1-1/4" x 4-7/8"
(32 mm x 124 mm)
Case: 1" x 3-3/8" x 1-7/8"
(25 mm x 86 mm x 48 mm)
Strike Opening: 3/4" x 1-7/16" x 5/8"
(19 mm x 37 mm x 16 mm)

Shipped as Fail-Secure Lock: Requires Power to Unlock.
Field Convertible to Fail-Safe Mode.

ELECTRIC STRIKES

CAT. NO.	FACEPLATE FINISH
7160510A	Aluminum
7160510DU	Dark Bronze

Minimum order: 1 each. Strikes can be combined for quantity pricing.

LIP EXTENSION KITS

CAT. NO.	JAMB SIZE
91017205	4" (102 mm)
91017207	4-1/2" (114 mm)
91017213	6" (152 mm)

Minimum order: 1 each.

The standard 7160 Strike has a lip of proper length for a 1-3/4" (44 mm) thick door that closes flush with the jamb edge. Where door thickness or jamb depth differs, Lip Extension Kits are available for field modification. Available in black finish only.

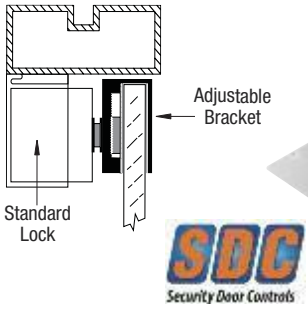


Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.
UL is a registered trademark of UL LLC.

SDC® Herculite® Door Bracket for Electromagnetic Locks

- For Use With SDC® EMLock® Series Electromagnetic Locks
- Slips Over Top of Herculite® Style Doors

This CRL SDC® Herculite® Door Bracket for Electromagnetic Locks is intended for use with the SDC® EMLock® Series type lock armature when mounting to outswing Herculite® Style Doors. Standard finish is 628 satin anodized aluminum. Adjustable brackets and compression pads included for use with 1/2" to 3/4" (12 or 19 mm) glass to prevent glass-to-metal contact. Minimum order is one each.





CAT. NO. HDB1

CRL Magnetic Lock Mounting Brackets

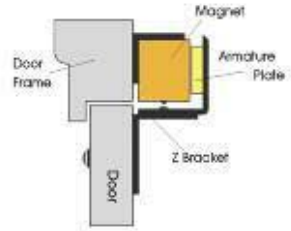
- For Use With MLST1200U and MLST1202U Magnetic Locks Only

CRL Adjustable "Z" and "L" Brackets allow mounting of Single and Double Magnetic Locks and Armature Plates on inswing and outswing doors. Sturdy aluminum Brackets are pre-drilled and slotted.

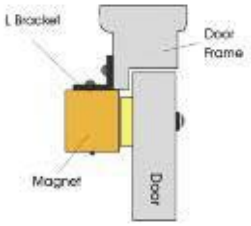
CAT. NO.	CONTENTS
MLBR26	Two 7-1/4" (184 mm) Z-Brackets and One 10-1/2" (266 mm) L-Bracket
MLBR6	One 10-1/2" (266 mm) L-Bracket

Minimum order: 1 each. Brackets can be combined for quantity pricing.





Adjustable "Z & L" Brackets for Inswing Doors



Adjustable " L" Bracket for Outswing Doors

CRL Surface Mount Armature Housing

- Replacement for Worn or Damaged Magnetic Lock Housings

This CRL Surface Mount Armature Housing is a replacement for worn or damaged Armature Housings in existing openings. Can also be used in new installations to mount a Magnetic Lock on face of top Door Rail. It helps reduce noise and increases overall reliability and product life. Measures 3" x 7-3/4" (76 x 197 mm). Minimum order is one each.



CAT. NO. MLBR16

SDC® Magnetic Lock Mounting Brackets

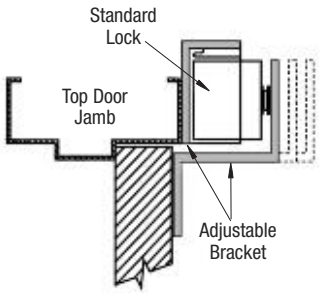
- For Use With Single SDC1511 or Double SDC1512 Magnetic Locks

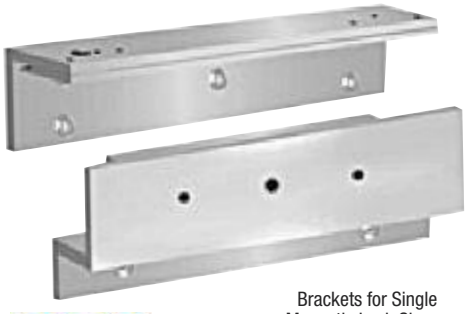
These SDC® Top Jamb Mounting Brackets fit the SDC1511 Single or SDC1512 Double Magnetic Locks when mounting to the pull side of hollow metal doors or wood openings.

CAT. NO.	APPLICATION
SDCTJ1	For Single Magnetic Lock
SDCTJ2	For Double Magnetic Lock

Minimum order: 1 each.

MORE INFORMATION crlaurence.com





Brackets for Single Magnetic Lock Shown

SDC and EMLock are registered trademarks of Security Door Controls.
Herculite is a registered trademark of PPG Industries Ohio, Inc.

CRL Illuminated Exit Button

MORE INFORMATION crlaurence.com

- Narrow Style Illuminated SPDT for Use With Electric Strikes and Magnetic Locks

Designed for use with Electric Strikes and Magnetic Locks. Single pole, double throw, double break illuminated switch for momentary or maintained switching. Supplied with a brushed stainless steel faceplate. Minimum order is one each.

SPECIFICATIONS:
Switch Rating: 5A @ 240V AC
6A @ 24V DC
Contacts: N.O. or N.C.
Dimensions: Faceplate: 1-3/8" x 4" (35 x 102 mm)
Depth: 1-1/4" (32 mm) Clearance Required





CAT. NO. MLEB4NS

CRL Programmable Digital Keypad

- Designed for Access Control and Security Applications With 100 User Codes
- Four Programmable Code Levels: Master/User/Duress/Quick
- 12/24 Volts AC/DC Voltage

Designed for access control and security applications with 100 user codes. A self-contained security Keypad with a built-in 5A Relay for Electric Strikes and other security and access control applications. Security is assured with over 100 million possible combinations for the Master, User, Duress, and Quick Codes. This Keypad is supplied complete with junction box and brushed stainless steel faceplate. Minimum order is one each.

SPECIFICATIONS:
Input: 12/24 Volts AC/DC
Contacts: N.O. or N.C. – 30V DC Max
Output Relay 5A
Non-Volatile Eprom Memory
Audible Confirmation Buzzer and Status LED's
Programmable N.O. or N.C. Output
Dimensions: Junction Box: 2-7/8" x 4-5/8" (74 x 117 mm)
Box Depth: 1-7/8" (48 mm)
Finish: Brushed Stainless Faceplate



CAT. NO. MLDK83N

SDC® EntryCheck® Indoor/Outdoor Heavy-Duty Programmable Keypad

MORE CHOICES crlaurence.com

SDC Security Door Controls

- 1-6 Digit Codes for Up to 500 Users
- Heavy Cast Vandal Resistant Housing
- Surface Mount
- 12/24 Volts AC/DC

The SDC® designed EntryCheck® Heavy-Duty Programmable Keypad is a stand alone digital keypad designed to control access to a single point for facilities with up to 500 users. Keypad entry of a valid one to six digit code activates one or both of the output relays which releases an electric door lock. Heavy cast vandal resistant housing with metal blue backlit keys. Minimum order is one each.

SPECIFICATIONS:
Input: 12/24 Volts AC/DC
Current Draw: 30mA Typical,
150mA Maximum
Outputs: Relay 1 = SPDT 5A @ 30VDC
Outputs: Relay 2 = SPDT 2A @ 30VDC
Dimensions: 3" W x 5-3/4" H x 1-7/16" D
(76 mm x 146 mm x 37 mm)
Temperature: -20°F to +130°F
-30°C to +54°C
Finish: Brushed Stainless



CAT. NO. SDC920

Securitron® Exit Motion Sensors

SECURITRON ASSA ABLOY

- Releases Magnetic Lock When Doors are Approached
- Passive Infrared Request-to-Exit
- Dual 12 or 24 Volts DC

The Securitron® Exit Motion Sensor is specifically designed to reliably release Magnetic Locks. A person approaching the door is detected by the Motion Sensor just before reaching the door. The XMS1224 automatically cuts power to the Lock, allowing the individual to exit. Minimum order is one each.

SPECIFICATIONS:
Input: 12 or 24 Volts DC, 20-50mA
Visible Activation LED
Indoor Use Only
Adjustable Delay
Dimensions: L = 7" (178 mm)
H = 1-3/4" (44 mm)
D = 1-7/8" (48 mm)



CAT. NO. XMS1224

SDC and EntryCheck are registered trademarks of Security Door Controls.
Securitron is a registered trademark of Hanchett Entry Systems, Inc. an ASSA ABLOY Group Company.

CRL Power Transformers

- **Available in 12 or 24 Volt DC Power Output**

12 or 24 Volt DC Transformers for devices requiring steady, low voltage imputs.



SPECIFICATIONS:

Input Voltage: 115V AC 60hz
Output Voltage: 12V DC 1.5 A
24V DC 1.5 A
Wired Input and Output Dimensions: **ST125TR**
Length: 3-1/4" (83 mm)
Width: 2-1/4" (57 mm)
Height: 1-15/16" (49 mm)
ST125TR24
Length: 3-3/8" (86 mm)
Width: 2-11/16" (68 mm)
Height: 2-3/16" (56 mm)

CAT. NO.	OUTPUT VOLTAGE
ST125TR	12V DC 1.5 A
ST125TR24	24V DC 1.5 A

Minimum order: 1 each. Transformers can be combined for quantity pricing.

CRL Armored Door Loop

- **Designed to Carry and Protect Low Voltage Cable Between Door and Frame**

This CRL Armored Door Loop is designed to carry and protect the low voltage or monitoring cable between the door and frame. Standard finish is brushed stainless. 15-3/4" (400 mm) in length. Minimum order is one each.



MORE INFORMATION crlaurence.com

CAT. NO. MLDL101

CRL Power Supply for Jackson® 20 Series Electrified Panic Exit Devices

- **Provides 10 Amp Inrush and 5 Amp Hold**

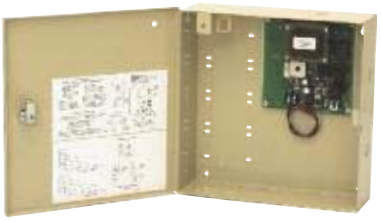
CRL Jackson® Exit Devices are universally recognized as the standard for aluminum storefront hardware. This Power Supply will provide the required 10 amp inrush and 5 amp hold for the operation of all Jackson® 20 Series Electrified Panics. Minimum order is one each.



CAT. NO. 302616

SDC® Low Voltage Regulated Power Supplies

- **Regulated and Filtered**
- **Emergency Interface Relay (EIR) With Fire or Other Emergency Systems**
- **Output Voltage at 12 or 24 VDC is Field Selectable**
- **Built-In Battery Charging System for Optional Standby Battery Backups**
- **Locked Hinged Cover**



CAT. NO.	OUTPUT CURRENT	ENCLOSURE SIZE
PS602RFKL	1 Amp	11-1/2" x 11-1/2" x 3-1/2" (292 x 292 x 89 mm)
PS632RFKL	2 Amp	11-1/4" x 11-1/4" x 3-1/2" (286 x 286 x 89 mm)
PS634RFKL	4 Amp	16" x 14" x 6-1/2" (406 x 356 x 165 mm)

Minimum order: 1 each.

Sentrol™ White Magnetic Contact

NEW!

- **Designed Specifically for Use With Steel Doors**
- **Rugged Unibody Construction**
- **Gap Size 3/8" (10 mm)**

SPECIFICATIONS:

Maximum Voltage: 100V AC/DC
Maximum Current: .5 A
Maximum Power: 7.5 A
Loop Type: Closed
Diameter: 3/4" (19 mm)



CAT. NO. 1078C
Minimum order: 1 each

SDC is a registered trademark of Security Door Controls.
UL is a registered trademark of UL LLC.

CRL Jackson® 1200 Series Panic Exit Devices

- **Designed for Use With 1-3/4" (44 mm) Narrow, Medium, and Wide Stile Aluminum, Wood or Hollow Metal Doors**
- **"Soft-Touch" Smooth Action Push-Pad**
- **Can Be Cut to Size**
- **Standard Hex Key Dogging**

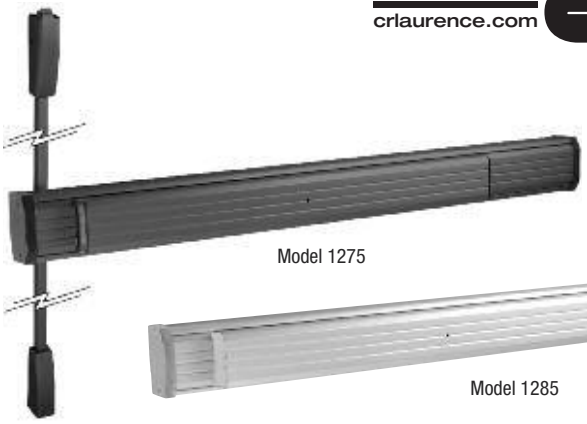
This CRL Jackson® Exit Device blends the reliability of the time-proven 10 Series Crossbar Device with the sleek, contemporary style of today's modern push-pad exit device. For additional product information, visit our web site at **crlaurence.com/panic-devices**.



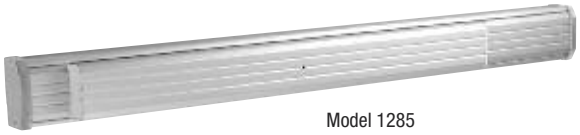
'C' Strike



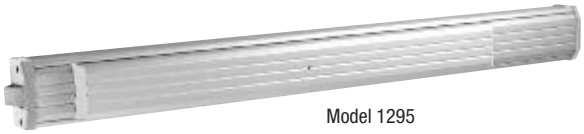
'S' Strike



Model 1275



Model 1285



Model 1295

MORE MODELS crlaurence.com

36" (914 MM) DOOR CAT. NO.	48" (1219 MM) DOOR CAT. NO.	TYPE	HANDING	FINISH
31127537628	31127547628	84" Surface Vertical Rod	Non-Handed	Satin Aluminum
31127537313	31127547313	84" Surface Vertical Rod	Non-Handed	Dark Bronze
31127538628	31127548628	96" Surface Vertical Rod	Non-Handed	Satin Aluminum
31127538313	31127548313	96" Surface Vertical Rod	Non-Handed	Dark Bronze
311285L37628	311285L4628	Concealed Vertical Rod	LH Reverse Bevel	Satin Aluminum
311285L37313	311285L4313	Concealed Vertical Rod	LH Reverse Bevel	Dark Bronze
311285R37628	311285R4628	Concealed Vertical Rod	RH Reverse Bevel	Satin Aluminum
311285R37313	311285R4313	Concealed Vertical Rod	RH Reverse Bevel	Dark Bronze
311295C3628	311295C4628	Rim Device - 'C' Strike	Non-Handed	Satin Aluminum
311295C3313	311295C4313	Rim Device - 'C' Strike	Non-Handed	Dark Bronze
311295S3628	311295S42628	Rim Device - 'S' Strike	Non-Handed	Satin Aluminum
311295S3313	311295S42313	Rim Device - 'S' Strike	Non-Handed	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

SPECIFICATIONS:

1275 Surface Vertical Rod Device

- Stocked in Both 36" and 48" (914 and 1219 mm) Widths
- Standard Door Heights 84" (2134 mm) and 96" (2438 mm) – Field Sizeable

1285 Concealed Vertical Rod Device

- Stocked in Both 36" and 48" (914 and 1219 mm) Widths
- Standard Height 84" (2134 mm) - Extension Available; See page CH082
- Requires Series 30821J Cylinder Mounting Pad When Using Mortise Cylinder for Keyed Outside Entry; See pages CH082 and CH206

1295 Rim Device

- Stocked in Both 36" and 48" (914 and 1219 mm) Widths
- Surface Mounted Roller Strike Standard
- Requires Rim Cylinder for Keyed Entry; See page CH206.

MATERIALS:

Base and Push-Pad: Extruded Aluminum
Mechanical Components: Stainless and Hardened, Plated Steel
Latch and Strikes: Sintered Steel
Metal End Caps

Cylinder Dogging

Cylinder dogging is available when specified by adding "C" behind the model series number. The Exit Device is supplied with the required prep and special cam only that is required to be used with a 1-1/4" Mortise Cylinder that is not supplied with the device and must be purchased separately. See DC7205SCK Series on page CH206. **Example:** 312095'C'LC3628



Cylinder Dogging Models Available

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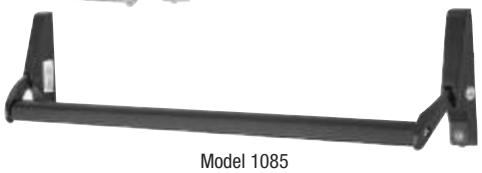
CRL Jackson® 10 Series Panic Exit Devices

- **Designed for Use With 1-3/4" (44 mm) Narrow, Medium, and Wide Stile Aluminum, Wood, or Hollow Metal Doors**
- **Available With Crossbar or Engraved "Push" Paddle Operation on Active Side**
- **48" (1219 mm) Crossbar Can Be Field Cut to Size**
- **Concealed Fastening for Added Security**

CRL Jackson® Panic Exit Devices are universally recognized as the standard for aluminum storefront hardware. These Exit Devices are designed to withstand wear and tear, yet remain aesthetically pleasing for years to come. For additional information, visit our web site at **crlaurence.com/panic-devices**.



Model 1095



Model 1085

CROSSBAR EXIT DEVICES

CAT. NO.	TYPE	HANDING	FINISH
311095LC4628	Rim - 'C' Strike	Left Hand-Reverse Bevel	Satin Aluminum
311095RC4628	Rim - 'C' Strike	Right Hand-Reverse Bevel	Satin Aluminum
311095LC4313	Rim - 'C' Strike	Left Hand-Reverse Bevel	Dark Bronze
311095RC4313	Rim - 'C' Strike	Right Hand-Reverse Bevel	Dark Bronze
311095LS4628	Rim - 'S' Strike	Left Hand-Reverse Bevel	Satin Aluminum
311095RS4628	Rim - 'S' Strike	Right Hand-Reverse Bevel	Satin Aluminum
311095LS4313	Rim - 'S' Strike	Left Hand-Reverse Bevel	Dark Bronze
311095RS4313	Rim - 'S' Strike	Right Hand-Reverse Bevel	Dark Bronze
31108547628	Concealed Vert. Rod	Non-Handed	Satin Aluminum
31108547313	Concealed Vert. Rod	Non-Handed	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.



'C' Strike



'S' Strike

PADDLE DEVICES

CAT. NO.	TYPE	HANDING	FINISH
311095PLC628	Rim - 'C' Strike	Left Hand-Reverse Bevel	Satin Aluminum
311095PRC628	Rim - 'C' Strike	Right Hand-Reverse Bevel	Satin Aluminum
311095PLC313	Rim - 'C' Strike	Left Hand-Reverse Bevel	Dark Bronze
311095PRC313	Rim - 'C' Strike	Right Hand-Reverse Bevel	Dark Bronze
311085PL7628	Concealed Vert. Rod	Left Hand-Reverse Bevel	Satin Aluminum
311085PR7628	Concealed Vert. Rod	Right Hand-Reverse Bevel	Satin Aluminum
311085PL7313	Concealed Vert. Rod	Left Hand-Reverse Bevel	Dark Bronze
311085PR7313	Concealed Vert. Rod	Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Paddle Exit Devices can be combined for quantity pricing.



Paddle Device

SPECIFICATIONS:

- Contoured Field Sizeable 48" (1219 mm) Long Crossbar
- Dual Dogging Feature – By Outside Cylinder – By Dogging Pins on Panic Housing
- Wear Points Insulated by Nylon Sleeves and Rollers

1095 Rim Device

- Requires Rim Cylinder for Keyed Entry; See Page CH206 for Cylinders
- Cylinder Mounting Pad Not Required

1085 Concealed Vertical Rod Device

- Standard Height 84" (2134 mm); See Page CH082 for Extensions
- Requires Mortise Cylinder and No. 30821J Mounting Pad for Keyed Entry; See Pages CH082 and CH206 for Cylinders and Pads

MATERIALS:

- Body and Arms: High Tensile Strength Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel
- Latch and Strikes: Sintered Steel

CRL Jackson® 10 Series Push-Pad Retrofit Device

- **Sleek, Contemporary Style Push-Pad to Retrofit Existing Jackson® 1085 Concealed Vertical Rod Crossbar Exit Devices**
- **Uses Existing 10 Series Rod and Case Assembly**
- **Easy Installation – Cut to Fit**



36" (914 MM) DOOR CAT. NO.	48" (1219 MM) DOOR CAT. NO.	HANDING	FINISH
311285RL3628	311285RL4628	Left Hand-Reverse Bevel	Satin Aluminum
311285RR3628	311285RR4628	Right Hand-Reverse Bevel	Satin Aluminum
311285RL3313	311285RL4313	Left Hand-Reverse Bevel	Dark Bronze
311285RR3313	311285RR4313	Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

SPECIFICATIONS:

- Stocked in Both 36" and 48" (914 and 1219 mm) Widths

MATERIALS:

- Base and Push-Pad: Extruded Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel

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CRL Jackson® 20 Series Panic Exit Devices

- **Designed for Use With 1-3/4" (44 mm) Narrow, Medium, and Wide Stile Aluminum, Wood, or Hollow Metal Doors**
- **Complies with ANSI 156.3, Grade 1 Specifications**
- **Concealed Fastening for Added Security**
- **Can Be Cut to Size**

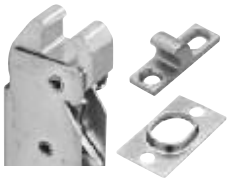
For Active outside trim and other panic accessories, see page CH081

For additional product information, visit our web site at **crlaurence.com/panic-devices**.

MORE MODELS crlaurence.com



Model 2085



2085 Series
Top Latch



2086 Series
Top Bolt



20861 Series
Impact Top Bolt

SPECIFICATIONS:

- Standard for 36" (914 mm) Wide Door – Field Sizeable up to 48" (1219 mm) Width Available
- Concealed Easy to Use Dogging System – Optional Cylinder Dogging is Available
- Wear Points Insulated by Nylon Sleeves and Rollers

TOP LATCH

36" (914 MM) DOOR CAT. NO.	48" (1219 MM) DOOR CAT. NO.	HANDING	FINISH
312085L37628	312085L47628	Left Hand-Reverse Bevel	Satin Aluminum
312085R37628	312085R47628	Right Hand-Reverse Bevel	Satin Aluminum
312085L37313	312085L47313	Left Hand-Reverse Bevel	Dark Bronze
312085R37313	312085R47313	Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

2085 Concealed Vertical Rod Device – Top Latch

- Positive Locking, Spring Loaded Top Latch
- Standard Height 84" (2134 mm);
  See Page CH082 for Extensions
- Requires Mortise Cylinder and Series 30821J Mounting Pad for Keyed Entry. See Pages CH082 and CH206 for Cylinders and Pads

TOP BOLT

36" (914 MM) DOOR CAT. NO.	48" (1219 MM) DOOR CAT. NO.	HANDING	FINISH
312086L37628	312086L47628	Left Hand-Reverse Bevel	Satin Aluminum
312086R37628	312086R47628	Right Hand-Reverse Bevel	Satin Aluminum
312086L37313	312086L47313	Left Hand-Reverse Bevel	Dark Bronze
312086R37313	312086R47313	Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

2086 Concealed Vertical Rod Device – Top Bolt

- Top and Bottom Bolt Action – 1/2" (13 mm) Throw
- Standard Height 84" (2134 mm);
  See Page CH082 for Extensions
- Requires Mortise Cylinder and Series 30821J Mounting Pad for Keyed Entry. See Pages CH082 and CH206 for Cylinders and Pads

IMPACT TOP BOLT

36" (914 MM) DOOR CAT. NO.	48" (1219 MM) DOOR CAT. NO.	HANDING	FINISH
3120861L37628	3120861L47628	Left Hand-Reverse Bevel	Satin Aluminum
3120861R37628	3120861R47628	Right Hand-Reverse Bevel	Satin Aluminum
3120861L37313	3120861L47313	Left Hand-Reverse Bevel	Dark Bronze
3120861R37313	3120861R47313	Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

20861 Impact Concealed Vertical Rod – Top Bolt

- Available for impact resistant applications under Miami-Dade County rules and regulations governing the use of construction materials when used with properly tested and approved doors. Simply add a "1" behind the model number.
  Example: 312086"1"L37628

CRL 2086 Impact Door Kit

- **Converts Existing 2086 Concealed Vertical Rod Where Hurricane Impact Regulations Must Be Met**



CAT. NO.	FINISH
302954628	Satin Aluminum
302954313	Dark Bronze

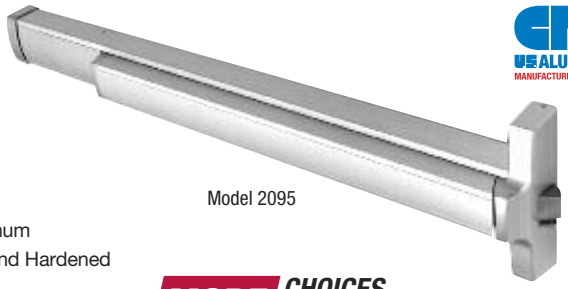
Minimum order: 1 each. Finishes can be combined for quantity pricing.

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CRL Jackson® 20 Series Rim Panic Exit Devices

- **Designed for Use With 1-3/4" (44 mm) Narrow, Medium, and Wide Stile Aluminum, Wood, or Hollow Metal Doors**
- **Complies with ANSI 156.3, Grade 1 Specifications**
- **Concealed Fastening for Added Security**
- **Can Be Cut to Size**

For additional product information, visit our web site at **crlaurence.com/panic-devices**.



Model 2095

MORE CHOICES crlaurence.com

SPECIFICATIONS:

2095 Rim Device

- Requires Rim Cylinder for Keyed Entry; See Page CH206 for Cylinders
- Cylinder Mounting Pad Not Required
- 3/4" (19 mm) Throw Deadlocking Latch

MATERIALS:

- Body and Push Pad: Extruded Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel
- Latch and Strikes: Sintered Steel

'C' STRIKE

36" (914 MM) DOOR CAT. NO.	48" (1219 MM) DOOR CAT. NO.	HANDING	FINISH
312095LC3628	312095LC4628	Left Hand-Reverse Bevel	Satin Aluminum
312095RC3628	312095RC4628	Right Hand-Reverse Bevel	Satin Aluminum
312095LC3313	312095LC4313	Left Hand-Reverse Bevel	Dark Bronze
312095RC3313	312095RC4313	Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

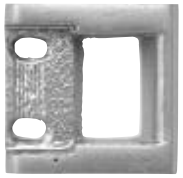


'C' Strike

'S' STRIKE

36" (914 MM) DOOR CAT. NO.	48" (1219 MM) DOOR CAT. NO.	HANDING	FINISH
312095LS3628	312095LS4628	Left Hand-Reverse Bevel	Satin Aluminum
312095RS3628	312095RS4628	Right Hand-Reverse Bevel	Satin Aluminum
312095LS3313	312095LS4313	Left Hand-Reverse Bevel	Dark Bronze
312095RS3313	312095RS4313	Right Hand-Reverse Bevel	Dark Bronze

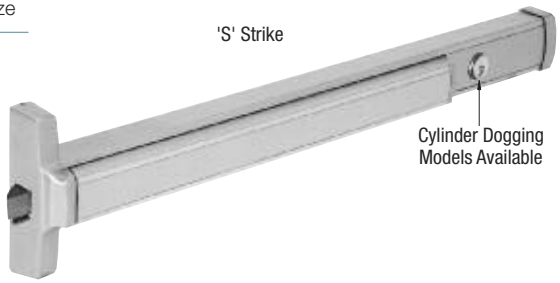
Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.



'S' Strike

Cylinder Dogging

Cylinder dogging is available when specified by adding "C" behind the model series number. The Exit Device is supplied with the required prep and special cam only that is required to be used with a 1-1/8" (29 mm) Mortise Cylinder that is not supplied with the device and must be purchased separately. See DC7185SC Series on page CH206. **Example:** 312095'C'LC3628



Cylinder Dogging Models Available

CRL Jackson® Panic Accessories

MORE INFORMATION crlaurence.com











For Active Outside Trim and Other CRL Jackson® Panic Accessories, see pages CH081-CH082, and CH206.

UL is a registered trademark of UL LLC.

CRL Jackson® 20 Series Electrified Exit Devices and Accessories

- Remote Locking and Unlocking Capability
- Solenoid Operated Latch Retraction
- Fit Door Stiles as Narrow as 1-3/4" (44 mm)
- For Aluminum or Hollow Metal Doors
- Ideal for Use With Card Access
- Fail-Secure Operation
- Can Be Cut to Size



MORE INFORMATION crlaurence.com

SPECIFICATIONS:
- Ships Standard for 48" (1219 mm) Wide Door – Field Sizeable
- For Use Down to 36" (914 mm) Wide Doors
- Wear Points Insulated by Nylon Sleeves and Rollers
- Adjusts for Brief or Extended Unlock Mode
- 24V DC Input
- Requires 10 Amp Inrush Power Supply; Jackson® 302616 Power Supply Recommended

2085E, 2086E, and 20861E Concealed Vertical Rod Devices
- Positive Locking, Spring Loaded Top Latch
- Top and Bottom Bolt Action – 1/2" (13 mm) Throw
- Standard Height 84" (2134 mm); See Page CH082 for Extensions
- Requires Mortise Cylinder and No. 30821J Mounting Pad for Keyed Entry; See Pages CH082 and CH206 for Cylinders and Pads
- Impact-Top Bolt Series Includes Aluminum Bolts and Guides

2095E Rim Device
- Requires Rim Cylinder for Keyed Entry; See Page CH206 for Cylinders
- Cylinder Mounting Pad Not Required
- 3/4" (19 mm) Throw Deadlocking Latch

MATERIALS:
- Body and Push Pad: Extruded Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel
- Latch and Strikes: Sintered Steel

ELECTRIFIED CONCEALED VERTICAL ROD DEVICES

TOP LATCH CAT. NO.	TOP BOLT CAT. NO.	IMPACT-TOP BOLT CAT. NO.	HANDING	FINISH
312085ELG628	312086ELG628	3120861EL4628	Left Hand-Reverse Bevel	Satin Aluminum
312085ERG628	312086ERG628	3120861ER4628	Right Hand-Reverse Bevel	Satin Aluminum
312085ELG313	312086ELG313	3120861EL4313	Left Hand-Reverse Bevel	Dark Bronze
312085ERG313	312086ERG313	3120861ER4313	Right Hand-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Devices can be combined for quantity pricing.

ELECTRIFIED RIM EXIT DEVICE

CAT. NO.	HANDING	FINISH
312095EC4628	Non-Handed	Satin Aluminum
312095EC4313	Non-Handed	Dark Bronze

Minimum order: 1 each. All Panic Devices can be combined for quantity pricing.

CRL Jackson® Electrified Outside Trim

- Designed for Use With Jackson® Exit Devices
- Non-Handed – Field Reversible
- Fail-Secure Operation

FLAT LEVER CAT. NO.	ROUND LEVER CAT. NO.	FOR USE WITH MODEL	FINISH
8500EL02628	8500EL01628	1285 and 2085 CVR	Satin Aluminum
8500EL02313	8500EL01313	1285 and 2085 CVR	Dark Bronze
9500EL02628	9500EL01628	1295 and 2095 RIM	Satin Aluminum
9500EL02313	9500EL01313	1295 and 2095 RIM	Dark Bronze

Minimum order: 1 each. Finishes and styles can be combined for quantity pricing.

SPECIFICATIONS:
- Keyed Entry Requires use of CRL No. DRA10 Mortise Cylinder; (Sold Separately See Page CH026)
- ANSI Function 08 – Key Locks or Unlocks Lever

SOLENOID:
- Input: 24V DC
- Current Inrush Required: 0.25 Amps
- Continuous Holding: 0.30 Amps

MATERIALS:
- Escutcheon: Extruded Aluminum
- Lever: High Tensile Strength Aluminum
- Mechanical Components: Hardened, Plated Steel



Round Lever



Flat Lever

CRL Jackson® Power Supply

- Designed for Use With Jackson® Electrified Exit Devices
- 24V DC Output Powers Up to Two Devices
- Provides 10 Amp Inrush and 5 Amp Hold



NOTE: Not for Outdoor Use

CAT. NO. 302616
Minimum order: 1 each.

MAXIMUM WIRE LENGTH PER GAUGE CHART

WIRE GAUGE	MAX. LENGTH
16 AWG	40 ft. (12 m)
14 AWG	60 ft. (18 m)
12 AWG	100 ft. (31 m)

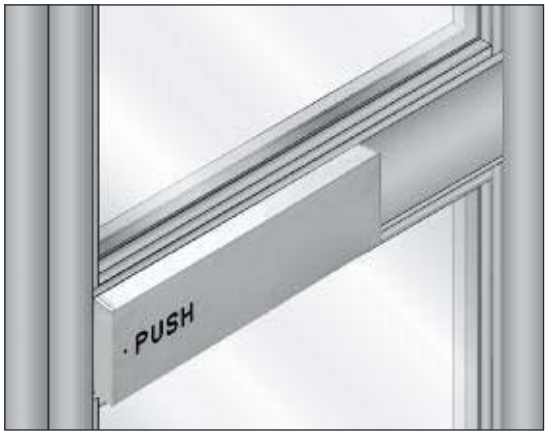
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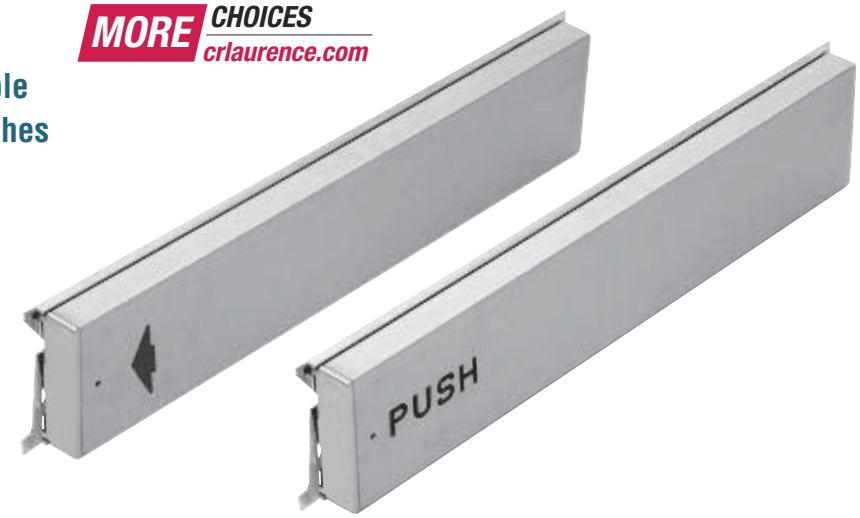
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CRL Jackson® 3100 Series Mid-Panel Panic Exit Devices

- Suitable for Use With Narrow, Medium, and Wide Stile Doors
- Non-Protruding Push Pad
- Concealed Vertical Rods
- Top Latch and Top Bolt Models Available
- Satin Aluminum and Dark Bronze Finishes

MORE CHOICES crlaurence.com



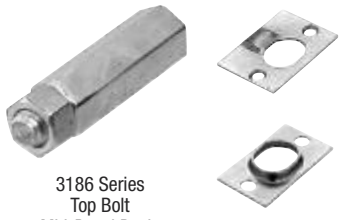


- Push Pad is Identified By an Engraved "Arrow" or "Push"

CRL Jackson® 3100 Series Mid-Panel Exit Devices are designed to provide maximum clearance while maintaining an aesthetically pleasing look. Developed in the Jackson® tradition of high quality and durability, these exit devices are suitable for use with narrow, medium, and wide stile aluminum doors. Devices are handed - not reversible, and provide "dual dogging" which allows the device to be dogged open by either the outside cylinder or by the standard hex key dogging feature.



3185 Series
Top Latch
Mid-Panel Panic



3186 Series
Top Bolt
Mid-Panel Panic

TOP LATCH CAT. NO.	TOP BOLT CAT. NO.	ENGRAVED	HANDING	FINISH
313185BL7628	313186L7628	Arrow	Left Handed-Reverse Bevel	Satin Aluminum
313185BR7628	313186R7628	Arrow	Right Handed-Reverse Bevel	Satin Aluminum
313185BL7313	313186L7313	Arrow	Left Handed-Reverse Bevel	Dark Bronze
313185BR7313	313186R7313	Arrow	Right Handed-Reverse Bevel	Dark Bronze
313185BPL7628	313186PL7628	Push	Left Handed-Reverse Bevel	Satin Aluminum
313185BPR7628	313186PR7628	Push	Right Handed-Reverse Bevel	Satin Aluminum
313185BPL7313	313186PL7313	Push	Left Handed-Reverse Bevel	Dark Bronze
313185BPR7313	313186PR7313	Push	Right Handed-Reverse Bevel	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

SPECIFICATIONS:

- For Use With Minimum 1-3/4" (44 mm) Narrow, Medium, and Wide Stile Aluminum Doors.
- Concealed Easy to Use Hex Key Dogging or by Outside Cylinder
- Wear Points Insulated by Nylon Sleeves and Rollers
- Available With Either an Engraved "Arrow" or "Push"

3185 Concealed Vertical Rod Device - Top Latch

- Positive Locking, Spring Loaded Top Latch
- Requires Mortise Cylinder and No. 30821B Mounting Pad for Keyed Entry;
  See Pages CH082 and CH206 for Cylinders and Pads

3186 Concealed Vertical Rod Device - Top Bolt

- Top and Bottom Bolt Action - 1/2" (13 mm) Throw
- Standard Height 84" (2134 mm);
  See Page CH082 for Extensions
- Requires Mortise Cylinder and No. 30821B Mounting Pad for Keyed Entry;
  See Pages CH082 and CH206 for Cylinders and Pads

MATERIALS:

- Body and Push Pad: Extruded Aluminum
- Mechanical Components: Stainless and Hardened Plated Steel
- Latch and Strikes: Sintered Steel

Mid-Panel Installation Kit

Required for New Installations.
Contact CRL Technical Sales at Extension 7520 for assistance.



CAT. NO. 30583628
Satin Anodized

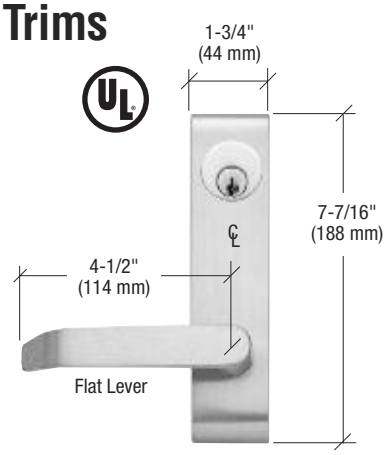
CAT. NO. 30583313
Dark Bronze

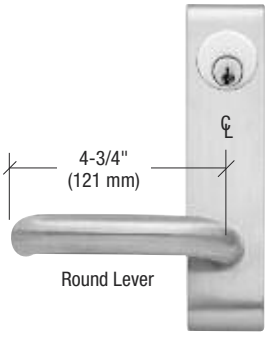
UL is a registered trademark of UL LLC.

CRL Jackson® Locking Lever Outside Trims

- Flat and Round Levers Available
- Designed for Use With CRL Jackson® 1200 and 20 Series Panic Exit Devices
- Fits Narrow, Medium, and Wide Stile Aluminum, Wood or Hollow Metal Doors
- Non-Handed, Field Reversible
- Locks or Unlocks the Lever (ANSI Function 8)

NOTE: Requires the use of our Cat. No. DRA10 Series Keyed Mortise Cylinder (see page CH026). For additional information, visit our web site at **crlaurence.com/panic-devices**.





FLAT LEVER CAT. NO.	ROUND LEVER CAT. NO.	FOR USE WITH	FINISH
7500LV02628	7500LV01628	Model 1275 Surface Vertical Rod Panic Device	Satin Aluminum
7500LV02313	7500LV01313	Model 1275 Surface Vertical Rod Panic Device	Dark Bronze
8500LV02628	8500LV01628	Models 1285 and 2085 Concealed Vertical Rod Panic Devices	Satin Aluminum
8500LV02313	8500LV01313	Models 1285 and 2085 Concealed Vertical Rod Panic Devices	Dark Bronze
9500LV02628	9500LV01628	Models 1295 and 2095 Rim Panic Devices	Satin Aluminum
9500LV02313	9500LV01313	Models 1295 and 2095 Rim Panic Devices	Dark Bronze

Minimum order: 1 each. All Lever Lock Trim can be combined for quantity pricing.

CRL Jackson® 896 Removable Mullions

- For Use With CRL Jackson® 1095, 1295, and 2095 Rim Panic Exit Devices
- Increased Security for Paired Doors

Standard height is 96" (2.44 m), and it can be field cut to fit. Optional 120" (3.05 m) height is also available on special order. For additional information, visit our web site at **crlaurence.com/panic-devices**.

96" (2.44 M) REMOVABLE MULLIONS

CAT. NO.	FOR USE WITH	FINISH
3089610958628	Model 1095 Rim Panic Device	Satin Aluminum
3089610958313	Model 1095 Rim Panic Device	Dark Bronze
3089612958628	Model 1295 Rim Panic Device	Satin Aluminum
3089612958313	Model 1295 Rim Panic Device	Dark Bronze
3089620958628	Model 2095 Rim Panic Device	Satin Aluminum
3089620958313	Model 2095 Rim Panic Device	Dark Bronze

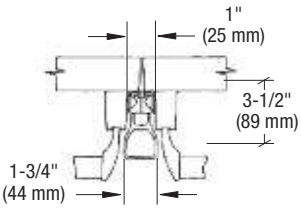
Minimum order: 1 each. All Mullions can be combined for quantity pricing.

ACCESSORIES FOR REMOVABLE MULLIONS

CAT. NO.	DESCRIPTION	FINISH
30702626	Top and Bottom Mounting Brackets	Satin Chrome
30702624	Top and Bottom Mounting Brackets	Dark Bronze
30737628	2-Piece Stabilizer for Single Door	Satin Aluminum
30737313	2-Piece Stabilizer for Single Door	Dark Bronze
30703628	4-Piece Stabilizer for Pairs of Doors	Satin Aluminum
30703313	4-Piece Stabilizer for Pairs of Doors	Dark Bronze

Minimum order: 1 each. All Accessories can be combined for quantity pricing.

MATERIALS:
Body: Extruded Aluminum
Stabilizer: Aluminum
Strike: Sintered Steel
Mounting Brackets: Bronze







Top and Bottom Mounting Brackets



2-Piece Stabilizer for Single Door

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CRL Jackson® Exit Device Accessories

Top Rod Extenders

- For Doors Over 84" (2134 mm) Tall

CAT. NO.	USED WITH SERIES	LENGTH
301347	1085, 1285, 2085, 2086	12" (305 mm)
301348	1085, 1285, 2085, 2086	24" (610 mm)
301347A	2085E and 2086E	12" (305 mm)
301348A	2085E and 2086E	24" (610 mm)

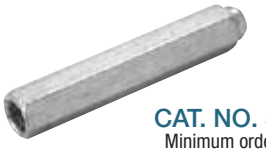
Minimum order: 1 each.



Top and Bottom Bolt

- Plated and Used With Concealed Vertical Rods

MORE INFORMATION crlaurence.com



CAT. NO. 30763P
Minimum order: 1 each.

Mortise Cylinder Mounting Pads

- Required When Using Mortise Cylinders

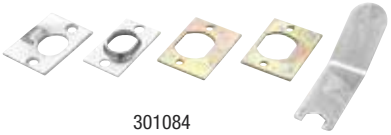


CAT. NO.	USED WITH	FINISH
30821J628	1085, 1285, 2085, 2086 Exit Devices	Aluminum
30821J313	1085, 1285, 2085, 2086 Exit Devices	Dark Bronze
30821J335	1085, 1285, 2085, 2086 Exit Devices	Black
30821B628	3185 and 3186 Exit Devices	Aluminum
30821B313	3185 and 3186 Exit Devices	Dark Bronze

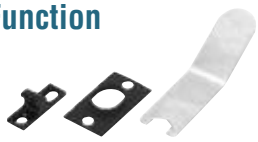
Minimum order: 1 each.

Top and Bottom Concealed Rod Strikes

- Required for Proper Device Function



301084



301345

CAT. NO.	USED WITH	FINISH
301084628	1085, 1285, 2086, 3186 Exit Devices	Aluminum
301084624	1085, 1285, 2086, 3186 Exit Devices	Dark Bronze
301345628	2085 and 3185 Exit Devices	Aluminum
301345313	2085 and 3185 Exit Devices	Dark Bronze

Minimum order: 1 each.

Rim Panic Strikes

- Surface Mounted for 1095, 1295, or 2095 Series Panic Devices

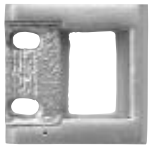
CAT. NO.	DESCRIPTION	FINISH
302436628	Standard "C" Strike	Aluminum
302501626	Optional "S" Strike	Aluminum
302501624	Optional "S" Strike	Dark Bronze

Minimum order: 1 each.

"C" Strike



"S" Strike



Top and Bottom Concealed Bolt Guides

- Allows for Full Bolt Adjustment

CAT. NO.	DESCRIPTION	FINISH
30934628	Top Bolt Guide	Aluminum
30934624	Top Bolt Guide	Dark Bronze
30320628	Bottom Bolt Guide	Aluminum
30320624	Bottom Bolt Guide	Dark Bronze

Minimum order: 1 each.

Top Bolt Guide





Bottom Bolt Guide

Top Bolt Trip Bracket

- Activates Bolt Release to Lock Door

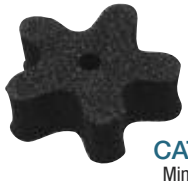
CAT. NO.	FINISH
30824628	Aluminum
30824313	Dark Bronze
30824335	Black

Minimum order: 1 each.



Concealed Rod Silencers

- Fits Over Rods to Dampen Rod Clatter
- Easy to Install



CAT. NO. 301552
Minimum order: 1 each.

Wood Door Mounting Kits

- Allows Mounting of Rim Exit Hardware to Wood Doors

CAT. NO.	FITS RIM MODEL
30894	1095
302521	2095

Minimum order: 1 each.



30894



302521

Signal Switch Kit

- Sends Signal to Remote Monitoring Station
- Concealed Inside of Panic

CAT. NO.	FITS	FINISH
302861	1200 Series	---
302989628	20 Series	Aluminum

Minimum order: 1 each.



For 1200 Series



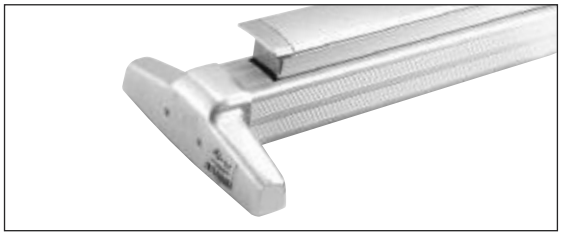
For 20 Series

Von Duprin® 33A/35A Series Panic Exit Devices

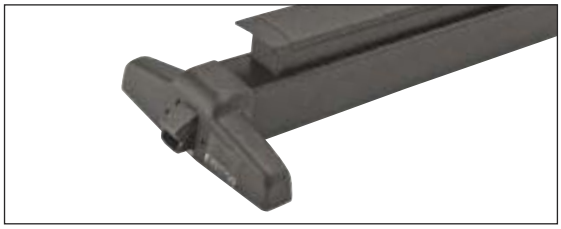
VON DUPRIN®
IR Security & Safety
Proven Source. Proven Solutions.™

- "The Quiet One® " Technology Eliminates Most Noise Associated With Exit Devices
- Designed for Doors 28" to 48" (711 to 1219 mm) Wide
- Fits Door Stiles as Narrow as 1-3/4" (44 mm)
- Available With Smooth or Grooved Housing
- Non-Handed
- UL Listed and Tested to ANSI A156.3, Grade 1
- Standard Hex Key Dogging

Von Duprin® designs and manufactures Exit Devices to the highest standards of quality and reliability in accordance with U.S. domestic and international standards. The Quiet One® technology is furnished on all 33A and 35A Series Exit Devices. A fluid dampener decelerates the pushpad on its return stroke and eliminates most noise associated with exit device operations. For additional Von Duprin® products and information, visit our web site at **crlaurence.com/panic-devices**.



33A Series features a grooved mechanism case



35A Series features a smooth mechanism case

Von Duprin® 33A/35A Series Rim Panic Exit Devices

- Available With Smooth or Grooved Housing
- Non-Handed
- One Piece Center Case Cover

33A GROOVED CAT. NO.	35A SMOOTH CAT. NO.	DEVICE LENGTH	FINISH
33AE03626	35AE03626	36" (914 mm)	Satin Chrome
33AE03313	35AE03313	36" (914 mm)	Dark Bronze
33AE04626	35AE04626	48" (1219 mm)	Satin Chrome
33AE04313	35AE04313	48" (1219 mm)	Dark Bronze

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



#1439
Roller Strike

Von Duprin® 3347A/3547A Series Concealed Vertical Rod Panic Exit Devices

MORE CHOICES
crlaurence.com

- Intended for Use With Single and Double Doors
- Deadlocking, Anti-Friction Top and Bottom Bolt With 5/8" (16 mm) Throw
- Available With Smooth or Grooved Housing

3347A GROOVED CAT. NO.	3547A SMOOTH CAT. NO.	DEVICE LENGTH	FINISH
3347AE03626	3547AE03626	36" (914 mm)	Satin Chrome
3347AE03313	3547AE03313	36" (914 mm)	Dark Bronze
3347AE04626	3547AE04626	48" (1219 mm)	Satin Chrome
3347AE04313	3547AE04313	48" (1219 mm)	Dark Bronze

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



#338
Top Strike

#385A
Bottom Strike

The Top Rod is adjustable from 80" (2032 mm) to 100" (2540 mm). Bottom Rod is adjustable from 35-5/8" (905 mm) to 49-5/8" (1260 mm). Extension Rod Kits for doors taller than 100" (2540 mm) are available on special order.

Von Duprin and The Quiet One are registered trademarks of Allegion plc.
UL is a registered trademark of UL LLC.

Adams Rite® 8000 Series Panic Exit Devices

- Clean, Unobtrusive Design Fits Door Stiles as Narrow as 2" (51 mm)
- Available for Doors 30" to 48" (762 to 1219 mm) Wide
- UL Listed and Tested to ANSI A156.3, Grade 1
- Supplied With Standard Hex Key Dogging
- Easy to Install

MORE INFORMATION crlaurence.com

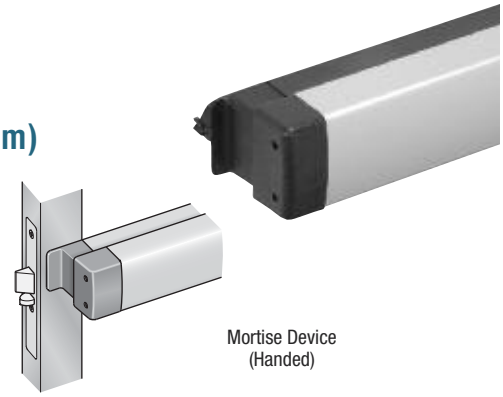
These Adams Rite® Exit Devices combine strength, looks and performance with the slim, clean lines of an extruded aluminum pushbar, giving designers and specifiers flexibility in application, while maintaining consistency in appearance. For additional product information and sizes, visit our web site at **crlaurence.com/panic-devices**.

Adams Rite® 8400 Series Mortise Exit Devices

- Heavy-Duty Deadlatching Top Latch
- Designed to Fit Standard Cutout for Adams Rite MS® 1-1/8" (29 mm) Backset Deadbolt Used on Aluminum Framed Glass Doors

LEFT HAND (RHRB) CAT. NO.	RIGHT HAND (LHRB) CAT. NO.	DEVICE LENGTH	FINISH
DH84111L036	DH84111R036	36" (914 mm)	Clear Anodized
DH84122L036	DH84122R036	36" (914 mm)	Dark Bronze Anodized
DH84125L036	DH84125R036	36" (914 mm)	Champagne

Minimum order: 1 each. Includes: Panic Device and Strike. Cylinder not included. Finishes can be combined for quantity pricing.



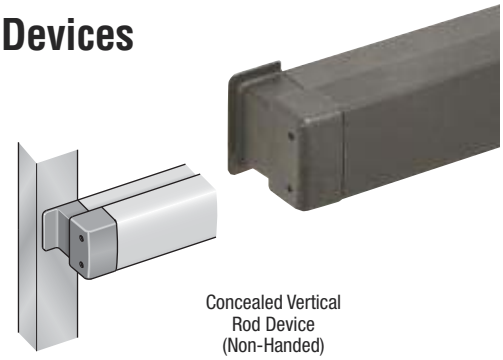
Mortise Device (Handed)

Adams Rite® 8600 Series Concealed Vertical Rod Exit Devices

- Top and Bottom Adjustable Steel Rods
- Patented Top Latching Mechanism Interlocks Door to Frame
- Designed to Fit Door Stiles as Narrow as 2" (51 mm)

CAT. NO.	DEVICE LENGTH	FINISH
DH8601136	36" (914 mm)	Clear Anodized
DH8602236	36" (914 mm)	Dark Bronze Anodized

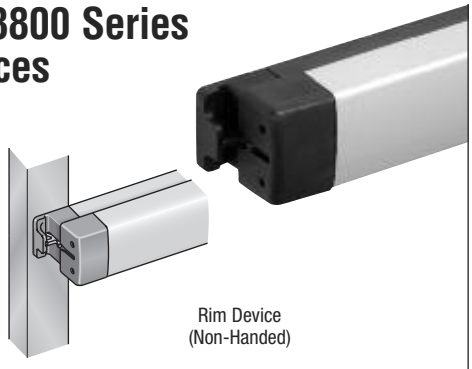
Minimum order: 1 each. Includes: Panic Device, Rods, and Strike. Mortise Cylinder and Cylinder Pad not included. Finishes can be combined for quantity pricing.



Concealed Vertical Rod Device (Non-Handed)

Adams Rite® 8800 Series Rim Exit Devices

- Patented "Starwheel" Bolt Interlocks Door to Frame



Rim Device (Non-Handed)

CAT. NO.	DEVICE LENGTH	FINISH
DH8801136	36" (914 mm)	Clear Anodized
DH8802236	36" (914 mm)	Dark Bronze Anodized

Minimum order: 1 each. Includes: Panic Device and Strike Rim Cylinder. Not Included: Pairs of Doors require removable mullion (DH886).

Adams Rite® 3080 Series Outside Trim

- Heavy-Duty Clutch Protects the Locked Lever if Forced Either Up or Down
- Solid Construction
- Non-Handed

NOTE: Requires Optional 5 Pin Mortise Cylinder with MS® Cam. Sold separately, see page CH026.



Clutch Lever

CAT. NO.	DESCRIPTION	FINISH
DH308103U630	ANSI 08 – Key Locks/Unlocks Lever	Satin Stainless
DH308103U613	ANSI 08 – Key Locks/Unlocks Lever	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.
UL is a registered trademark of UL LLC.

CRL Cross Bar Panic Exit Devices

- **Available as Concealed Vertical Rod and Rim Exit Devices**
- **For Use With Narrow, Medium, and Wide Stile Aluminum Doors or Hollow Metal Doors**
- **Two Standard Architectural Finishes**
- **42" (1067 mm) Crossbar Can Be Cut to Size**



Model DL1180



Model DL1190

MORE CHOICES crlaurence.com

CAT. NO.	TYPE	FINISH
DL1180A	Concealed Vertical Rod	Satin Aluminum
DL1180DU	Concealed Vertical Rod	Dark Bronze
DL1190LHRA	Left Hand-Reverse Bevel Rim	Satin Aluminum
DL1190LHRDU	Left Hand-Reverse Bevel Rim	Dark Bronze
DL1190RHRA	Right Hand-Reverse Bevel Rim	Satin Aluminum
DL1190RHRDU	Right Hand-Reverse Bevel Rim	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

STANDARD FEATURES:

DL1180 Series Concealed Vertical Rod Panics

- Non-Handed
- For Use With Standard 1-3/4" (44 mm) Thick Doors
- Rod Length to Fit Standard 84" (2134 mm) Tall Doors
- Independent Top and Bottom Bolt Action – 1/2" (13 mm) Bolt Throw
- Keyed Entry Requires CRL Cat. No. DL913 Cylinder Mounting Pad When Using Optional CRL DL2170 Series, or other brand, Mortise Cylinders (see page CH206)

DL1190 Series Rim Panics

- Handed, Non-Reversible
- Standard Surface Mounted Roller Type Rim Strike Supplied
- Keyed Entry Requires Optional CRL DL911SC Series, or other brand, Rim Cylinder (No Mounting Pad Required)

CRL DL950 Push-Pad Rim Panic Exit Devices

- **For Use With Medium and Wide Stile Aluminum Doors 30" to 36" (762 to 914 mm) Wide**
- **Painted Carbon Steel and Satin Stainless Steel Finishes Available**
- **Minimum Force Releases Locking Mechanism**
- **Hex Key Dogging**

Our Push-Pad Rim Panic Devices can be used on either single doors, or double doors with a mullion. **NOTE:** For keyed entry, an optional Cat. No. DL911SC Series, or other brand, Rim Cylinder is required (see page CH206).

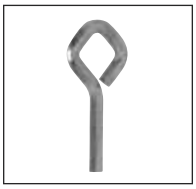


CAT. NO.	TYPE	FINISH
DL950A	Push-Pad Rim	Satin Aluminum
DL950DU	Push-Pad Rim	Dark Bronze
DL950SS	Push-Pad Rim	Satin Stainless Steel
DL95STR1KE	Blade Strike	Black
DL9DKEY	Dogging Key	---
DL51LKAA	Locking Lever Trim - Keyed Alike	Aluminum
DL51LKADU	Locking Lever Trim - Keyed Alike	Dark Bronze
DL51LKDA	Locking Lever Trim - Keyed Different	Aluminum
DL51LKDDU	Locking Lever Trim - Keyed Different	Dark Bronze

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.



DL95STR1KE
Blade Strike



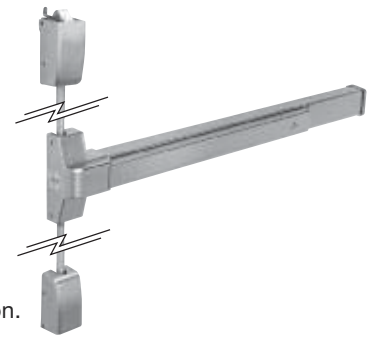
DL9DKEY
7/32" (5.6 mm) Dogging Key



DL51LKDA
Locking Lever Trim

CRL DL750SV Surface Vertical Rod Panic Exit Device

- **For Use With 1-3/4" (44 mm) Thick Wood or Metal Doors 30" to 36" (762 to 914 mm) Wide**
- **Door Heights Up to 84" (2134 mm)**
- **Hex Key Dogging**
- **Non-Handed**



CAT. NO.	TYPE	FINISH
DL750SV37A	Push-Pad Surface Vertical Rod	Aluminum
DL750SV37DU	Push-Pad Surface Vertical Rod	Dark Bronze
DL750SV37SS	Push-Pad Surface Vertical Rod	Stainless Steel

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.

See page CH206 for rim cylinder selection.

UL is a registered trademark of UL LLC.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL DETEX® V40 Alarmed Rim Exit Devices

- Grade 1, UL Listed Panic Devices
- Meets ADA Requirements
- Available in 36" and 48" (914 and 1219 mm) Lengths

These CRL DETEX® V40 Alarmed Rim Exit Devices announce door activation with a 100db alarm, helping to control unauthorized exit.

The V40 is non-handed and is intended for use on doors with a minimum stile of 2-1/2" (64 mm) and a thickness of 1-3/4" (44 mm) to 2-1/4" (57 mm).

The V40 EBW Series is designed for doors and gates requiring a stand alone, battery powered, alarmed, weatherized panic device. The internal alarm has both remote bypass and remote signaling capabilities.

NOTE: Device is supplied with prep for a mortise cylinder that functions as both cylinder dogging and arming key. Cylinder is not included with exit device. Requires optional 1-1/8" (29 mm) mortise cylinder with Yale® type cam. See CRL Cat. No. DC7185SC Series on page CH206.

CAT. NO.	TYPE	LENGTH
V40EB36	Climate Protected (Indoor)	36" (914 mm)
V40EB48	Climate Protected (Indoor)	48" (1219 mm)
V40EBW36	Weatherized (Indoor/Outdoor)	36" (914 mm)
V40EBW48	Weatherized (Indoor/Outdoor)	48" (1219 mm)

Minimum order: 1 each. All Panic Exit Devices can be combined for quantity pricing.



Door Strike

Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware



CRL DETEX® Battery Alarmed Exit Control Lock With Short Bar

- UL Listed Panic Hardware
- Single Point, 1" (25 mm) Throw Deadbolt
- Non-Handed
- Corrosion Resistant Alloy Construction
- 100db Alarm Powered by a 9 Volt Battery

MORE INFORMATION crlaurence.com



ECL230D-Short Bar
(Cylinder and bar guard sold separately)

The CRL DETEX® ECL230D Exit Control Lock with Short Bar is a code compliant, battery alarmed, rugged dead bolt panic device with a steel plate and photo-luminescent sign providing managed security and a 100 decibel alarm for secondary exits. Locking and unlocking the dead bolt always arms and disarms the alarm, but resetting the alarm can only be accomplished with a control key. Fits standard door thicknesses 1-3/4" to 2-1/4" (44 to 57 mm).

CAT. NO.	DESCRIPTION
ECL230D	Exit Control Lock
RC65KD	Key Cylinder Keyed Different
RC65KA	Key Cylinder Keyed Alike
ECL436K	Bar Guard

Minimum order: 1 each.

CRL DETEX® Battery Powered Surface Mount Exit Alarm

- UL Listed Fire Door Accessory
- Can Be Door or Wall Mounted
- Tapered Cover Allows for Installation on 2" (51 mm) Minimum Narrow Stile Doors
- 9V DC Battery Operated With Low Battery Alert



CAT. NO. EAX500
(Keyed Cylinder Sold Separately)

NOTE: Keyed Cylinder is not supplied with the alarm and must be purchased separately. Requires optional 1-1/8" (29 mm) mortise cylinder with Yale® or Schlage® cylinder with MS type cam (see Cat. No. DC7185SCKASC on page CH206). Longer cylinders may be used but will require the use of a Cylinder Collar. Minimum order is one each.

DETEX is a registered trademark of Detex Corporation.
UL is a registered trademark of UL LLC.
Yale is a registered trademark of Yale Security Inc.
Schlage is a registered trademark of Allegion plc.

CRL Straight Style Ladder Pulls

USE MONOLITHIC TEMPERED GLASS

MORE CHOICES
crlaurence.com

- Eleven Sizes in Two Stainless Finishes for 3/8" to 3/4" (10 to 19 mm) Glass or 1-3/4" (44 mm) Aluminum Doors
- Extra Height for Eye-Catching Contemporary and Elegant Appearance
- 1-1/4" (32 mm) Diameter Heavy Wall 304 Alloy Stainless Steel Tubing
- Custom Finishes and Sizes Available



Straight Style

CRL Ladder Style Pull Handles add elegance and eye-catching appeal to commercial glass doors. They are designed for back-to-back mounting with supplied through-bolts.

Ladder Style Pulls are intended for use with full size glass doors made from 3/8" to 3/4" (10 to 19 mm) thick tempered glass. Fasteners are included for mounting back-to-back on 1-3/4" (44 mm) thick aluminum or wood doors as well. Stock sizes range from 24" to 84" (610 to 2134 mm) overall height. Standard finishes are polished stainless and brushed stainless.

Custom sizes and finishes are available to meet architectural specifications. For additional information or to begin the custom design process, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Tempered Glass, or 1-3/4" (44 mm) Aluminum or Wood Doors

Construction:

1-1/4" (32 mm) Diameter Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
24LPBS	24" (610 mm)	12" (305 mm)	Brushed Stainless
24LPPS	24" (610 mm)	12" (305 mm)	Polished Stainless
30LPBS	30" (762 mm)	18" (457 mm)	Brushed Stainless
30LPPS	30" (762 mm)	18" (457 mm)	Polished Stainless
36LPBS	36" (914 mm)	24" (610 mm)	Brushed Stainless
36LPPS	36" (914 mm)	24" (610 mm)	Polished Stainless
42LPBS	42" (1067 mm)	30" (762 mm)	Brushed Stainless
42LPPS	42" (1067 mm)	30" (762 mm)	Polished Stainless
48LPBS	48" (1219 mm)	36" (914 mm)	Brushed Stainless
48LPPS	48" (1219 mm)	36" (914 mm)	Polished Stainless
54LPBS	54" (1372 mm)	42" (1067 mm)	Brushed Stainless
54LPPS	54" (1372 mm)	42" (1067 mm)	Polished Stainless
60LPBS	60" (1524 mm)	48" (1219 mm)	Brushed Stainless
60LPPS	60" (1524 mm)	48" (1219 mm)	Polished Stainless
66LPBS	66" (1676 mm)	54" (1372 mm)	Brushed Stainless
66LPPS	66" (1676 mm)	54" (1372 mm)	Polished Stainless
72LPBS	72" (1829 mm)	60" (1524 mm)	Brushed Stainless
72LPPS	72" (1829 mm)	60" (1524 mm)	Polished Stainless
78LPBS	78" (1981 mm)	66" (1676 mm)	Brushed Stainless
78LPPS	78" (1981 mm)	66" (1676 mm)	Polished Stainless
84LPBS	84" (2134 mm)	72" (1829 mm)	Brushed Stainless
84LPPS	84" (2134 mm)	72" (1829 mm)	Polished Stainless

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.
Additional holes required if extra Mid-Posts added (at right).

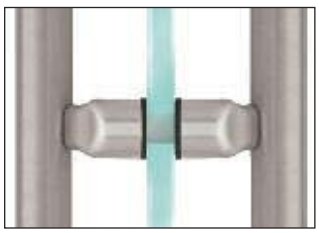


Optional Extra Mid-Posts give added strength to very long Ladder Pulls. Must be factory-installed. Call for details.



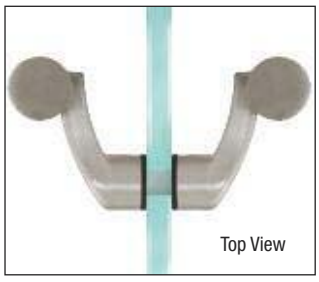
Offset Mid-Posts

Optional Offset Mid-Posts are available to convert Straight Style Ladder Pulls to Offset Mount. Two pair per set. Minimum order is one set.



CAT. NO. LP0PS
Polished Stainless Offset Mid-Posts

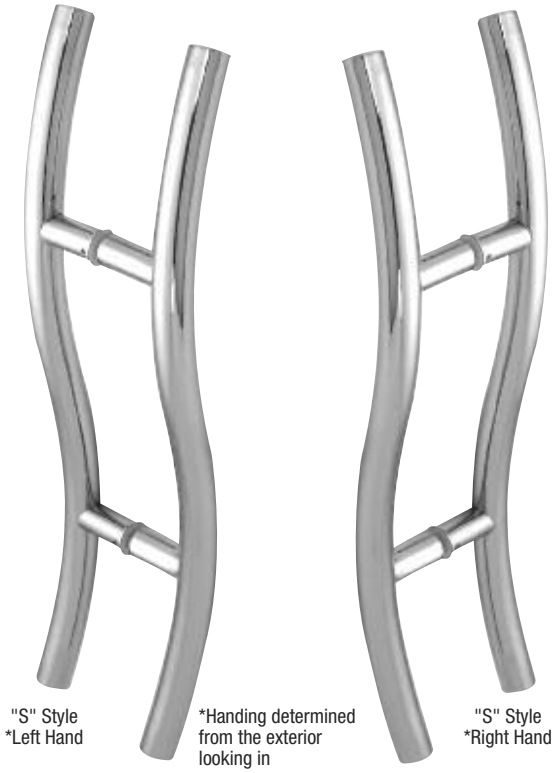
CAT. NO. LP0BS
Brushed Stainless Offset Mid-Posts



TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL "S" Style Ladder Pulls

MORE CHOICES
crlaurence.com



"S" Style
*Left Hand

*Handing determined from the exterior looking in

"S" Style
*Right Hand



- **Three Sizes in Two Popular Finishes for 3/8" to 3/4" (10 to 19 mm) Glass**
- **Left and Right Hand Models Available in 1-1/4" (32 mm) Diameter Heavy Wall 304 Alloy Stainless Steel Tubing**
- **Custom Finishes and Sizes Available**

SPECIFICATIONS:

For Use With:

3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1-1/4" (32 mm) Diameter Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



CRL "S" Style Ladder Pulls are for back-to-back mounting with supplied through-bolts. They are intended for use on doors made from 3/8" to 3/4" (10 to 19 mm) thick tempered glass. Stock sizes range from 24" to 48" (610 to 1219 mm) overall height. Standard finishes are polished stainless and brushed stainless. The Pulls are handed left and right to ensure the exposed set-screws are always on the interior side of the door. Handing is determined from the exterior side looking in.

Custom sizes and finishes are available to meet architectural specifications. For additional information go to **crlaurence.com/ladder-pulls** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

CAT. NO.	HANDING*	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
24SLPBS	Left Hand	24" (610 mm)	12" (305 mm)	Brushed Stainless
24SLPPS	Left Hand	24" (610 mm)	12" (305 mm)	Polished Stainless
24SRPBS	Right Hand	24" (610 mm)	12" (305 mm)	Brushed Stainless
24SRPPS	Right Hand	24" (610 mm)	12" (305 mm)	Polished Stainless
36SLPBS	Left Hand	36" (914 mm)	24" (610 mm)	Brushed Stainless
36SLPPS	Left Hand	36" (914 mm)	24" (610 mm)	Polished Stainless
36SRPBS	Right Hand	36" (914 mm)	24" (610 mm)	Brushed Stainless
36SRPPS	Right Hand	36" (914 mm)	24" (610 mm)	Polished Stainless
48SLPBS	Left Hand	48" (1219 mm)	36" (914 mm)	Brushed Stainless
48SLPPS	Left Hand	48" (1219 mm)	36" (914 mm)	Polished Stainless
48SRPBS	Right Hand	48" (1219 mm)	36" (914 mm)	Brushed Stainless
48SRPPS	Right Hand	48" (1219 mm)	36" (914 mm)	Polished Stainless

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. "S" Style Pull Handles exceeding 48" (1219 mm) overall length must be discussed with CRL Technical Sales to determine proper application.

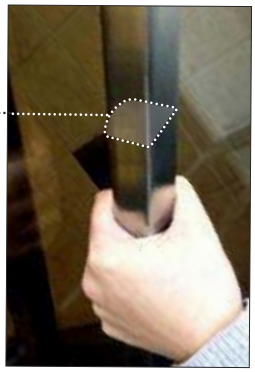
CRL Designer Series "D" Shape Ladder Pulls

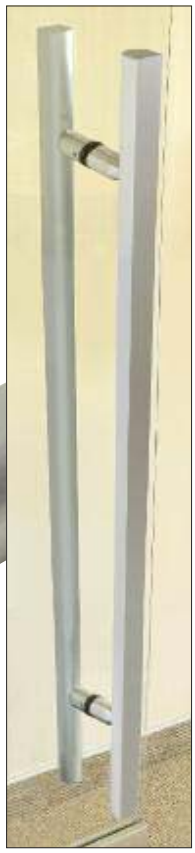
- Sharp Lines With a Smooth Round Gripping Surface
- Six Sizes in Two Stainless Finishes for 3/8" to 3/4" (10 to 19 mm) Glass or 1-3/4" (44 mm) Aluminum Doors
- Heavy Wall 304 Alloy Stainless Steel Tubing
- Custom Finishes and Sizes Available

NEW!

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com







CRL Designer Series Ladder Style Pull Handles are constructed with sharp lines and smooth surfaces. They are named after their subtle "D" Shaped design that is specifically contoured for a premium feel, and intended for full size glass doors made from 3/8" to 3/4" (10 to 19 mm) thick tempered glass. Fasteners are included for mounting on 1-3/4" (44 mm) thick aluminum or wood doors as well. Stock sizes range from 24" to 84" (610 to 2134 mm) overall height. Standard finishes are polished stainless and brushed stainless. Custom sizes and finishes are available to meet architectural specifications.

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER
D24LPBS	D24LPPS	24" (610 mm)	12" (305 mm)
D36LPBS	D36LPPS	36" (914 mm)	24" (610 mm)
D48LPBS	D48LPPS	48" (1219 mm)	36" (914 mm)
D60LPBS	D60LPPS	60" (1524 mm)	48" (1219 mm)
D72LPBS	D72LPPS	72" (1829 mm)	60" (1524 mm)
D84LPBS	D84LPPS	84" (2134 mm)	72" (1829 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

NOTE:
Glass fabrication is required. Please visit **crlaurence.com/ladder-pulls** for details.

CRL Designer Series "D" Shape Locking Ladder Pulls

- Locks Operate at a Comfortable 42" (1067 mm) Height Above the Floor
- For 1/2" to 3/4" (12 to 19 mm) Glass
- 316 Alloy Stainless Steel Tubing
- Locks Into Floor Only - Custom Models Locking Into Top or Top/Bottom are Also Available Upon Request

NEW!

USE MONOLITHIC TEMPERED GLASS







CRL Designer Series "D" Shape Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that locks into the floor. Simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. Supplied with our standard 7-pin Rim Cylinder with interchangeable core, that can be used as the final cylinder or as a temporary, and is easily replaced. If staying with the 7-pin format, just remove the core, have it re-keyed or replace it with a new one. If proprietary 6-pin Cylinders are required, simply remove the entire Rim Cylinder provided and replace with the proper Rim Cylinder of your choice. Ladder Pulls will accept most standard manufactured Rim type cylinders.

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	OVERALL LENGTH
DLLPA48BS	DLLPA48PS	48" (1219 mm)
DLLPA60BS	DLLPA60PS	60" (1524 mm)
DLLPA72BS	DLLPA72PS	72" (1829 mm)
DLLPA84BS	DLLPA84PS	84" (2134 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

NOTE:
Glass fabrication is required. Please visit **crlaurence.com/ladder-pulls** for details.



Easy to Operate Thumbturn



This Locking Ladder Pull accepts 6 or 7-pin Rim Type Cylinders for easy re-keying.

CRL Locking Ladder Pulls





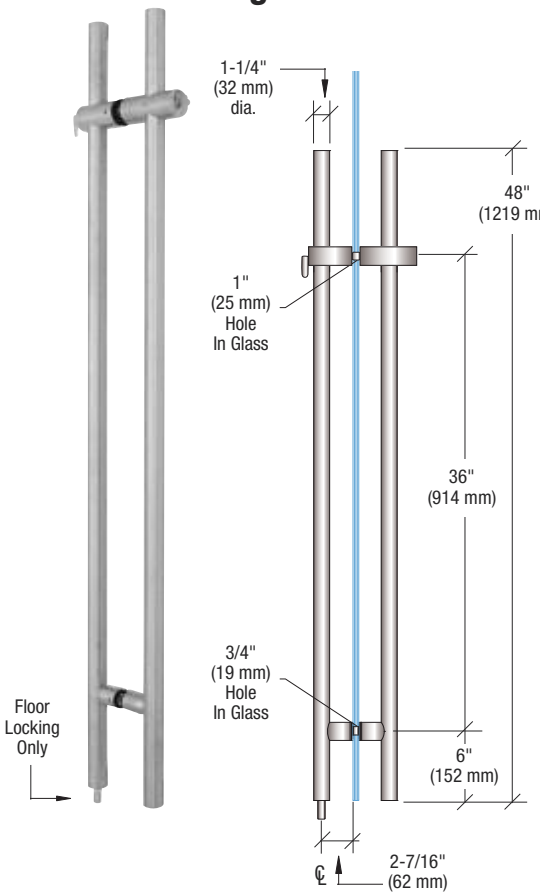


- Locks Operate at a Comfortable 42" (1067 mm) Height Above the Floor
- For 1/2" to 3/4" (12 to 19 mm) Glass
- Four Styles in Stock, Custom Sizes Available on Special Order
- Made of Durable 1-1/4" (32 mm) Diameter 316 Alloy Stainless Steel Tubing
- Locks into Floor Only, Custom Ceiling and Floor Locking Available on Special Order
- 1-1/4" (32 mm) Long Deadbolt Throw - All Units
- Will Accept Most Standard Manufactured Rim Type Cylinders
- A.D.A. Compliant Top Locking Models Available on Special Order

The most practical option for 'all-glass' entrances is CRL's Locking Ladder Pulls. No more kneeling down to unlock the entry doors in the morning, or having to bend over after a long day at work to reach for the lock at the bottom edge of the door. Simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. CRL Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that locks into the floor. These Locking Ladder Pulls are intended for use with glass doors made from 1/2" to 3/4" (12 to 19 mm) thick tempered glass. Locking Ladder Pulls are supplied with our standard 7-pin Rim Cylinder with interchangeable core, that can be used as the final cylinder or as a temporary, and is easily replaced. If staying with the 7-pin format, just remove the core, have it re-keyed or replace it with a new one. If proprietary 6-pin Cylinders are required, simply remove the entire Rim Cylinder provided and replace with the proper Rim Cylinder of your choice. Ladder Pulls will accept most standard manufactured Rim type cylinders.

For additional information contact CRL Technical Sales (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail through our website at **crlaurence.com/support**.

CRL 48" Locking Ladder Pull



MORE CHOICES crlaurence.com

- Locks Into Floor
- 7-Pin Rim Cylinder Included

NOTE:
Glass fabrication is required. Please visit **crlaurence.com/ladder-pulls** for details.





Easy to Operate Thumbturn



This Locking Ladder Pull accepts 6 or 7-pin Rim Type Cylinders for easy re-keying.

CAT. NO.	FINISH
LLPA48BS	Brushed Stainless
LLPA48PS	Polished Stainless

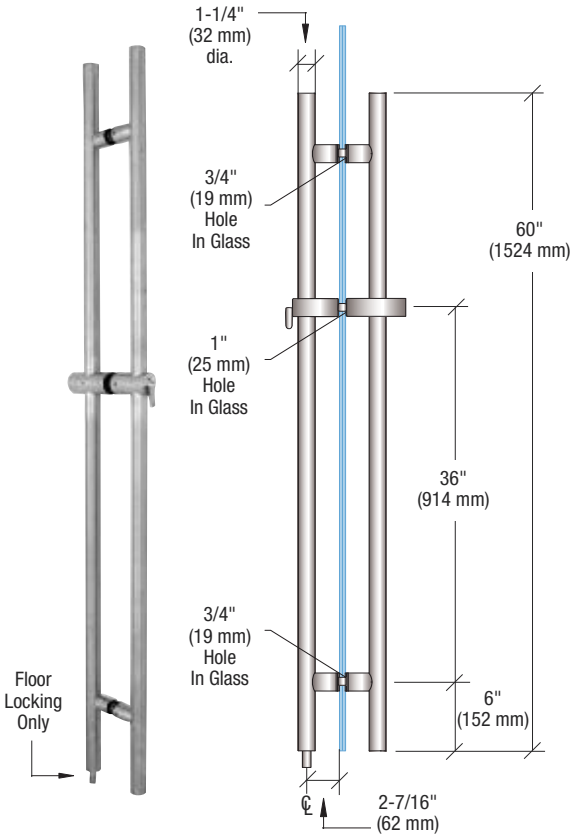
Minimum order: 1 set. All Locking Ladder Pulls can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL LOCKING LADDER PULLS

CRL 60" Locking Ladder Pull







- Locks Into Floor
- 7-Pin Rim Cylinder Included

NOTE:
Glass fabrication is required. Please visit crlaurence.com/ladder-pulls for details.



Easy to Operate Thumbturn

CAT. NO.	FINISH
LLPA60BS	Brushed Stainless
LLPA60PS	Polished Stainless

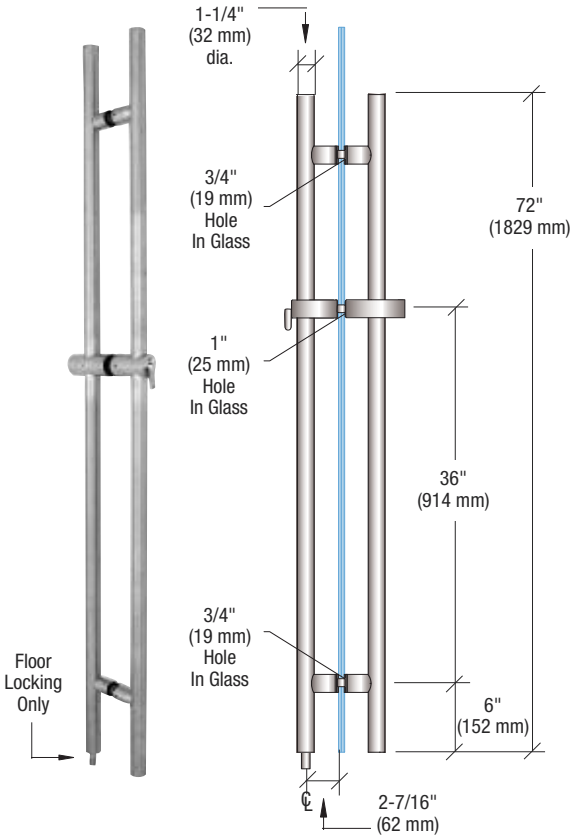
Minimum order: 1 set. All Locking Ladder Pulls can be combined for quantity pricing.





This Locking Ladder Pull accepts 6 or 7-pin Rim Type Cylinders for easy re-keying.

CRL 72" Locking Ladder Pull



MORE CHOICES crlaurence.com

- Locks Into Floor
- 7-Pin Rim Cylinder Included

NOTE:
Glass fabrication is required. Please visit crlaurence.com/ladder-pulls for details.



Easy to Operate Thumbturn

CAT. NO.	FINISH
LLPA72BS	Brushed Stainless
LLPA72PS	Polished Stainless

Minimum order: 1 set. All Locking Ladder Pulls can be combined for quantity pricing.

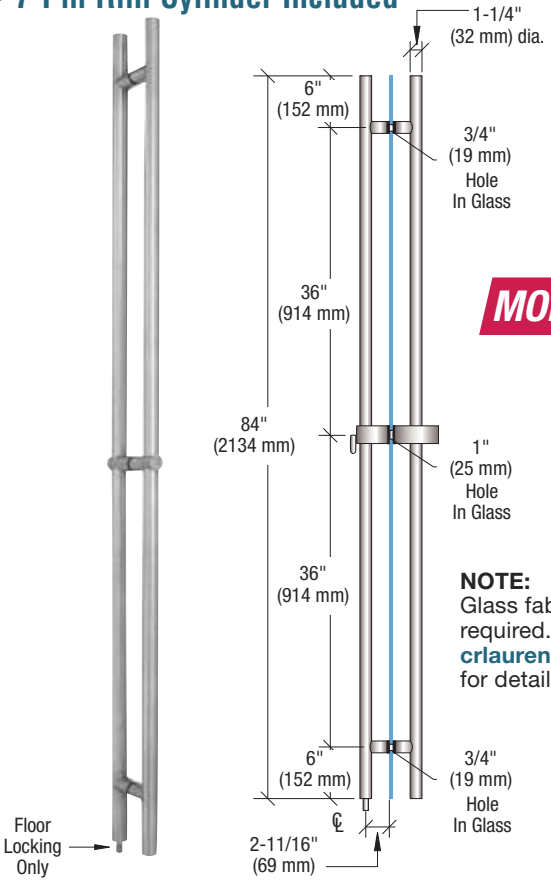


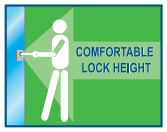


This Locking Ladder Pull accepts 6 or 7-pin Rim Type Cylinders for easy re-keying.

CRL 84" Locking Ladder Pull

- Locks Into Floor
- 7-Pin Rim Cylinder Included







MORE CHOICES
crlaurence.com

NOTE:
Glass fabrication is required. Please visit **crlaurence.com/ladder-pulls** for details.





Easy to Operate Thumbturn



This Locking Ladder Pull accepts 6 or 7-pin Rim Type Cylinders for easy re-keying.

CAT. NO.	FINISH
LLPA84BS	Brushed Stainless
LLPA84PS	Polished Stainless

Minimum order: 1 set.

CRL Small Format Interchangeable Cores (SFIC)

- Works With CRL Locking Ladder Pulls
- 7-Pin Type Core
- Brushed Nickel Finish
- Available in 10 Different Key Configurations
- Master Keying Available on Special Order



ORDERING INFORMATION:

- Each Core comes with one Control Key and two Operating Keys.
- Housings not included and must be ordered separately.
- Not compatible with larger 'removable' core systems.

CAT. NO.	KEY NUMBER
1C01	1
1C02	2
1C03	3
1C04	4
1C05	5

Minimum order: 1 each. All SFIC Cores can be combined for quantity pricing.

CAT. NO.	KEY NUMBER
1C06	6
1C07	7
1C08	8
1C09	9
1C10	10

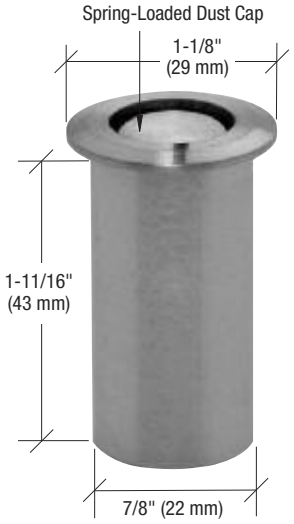
Minimum order: 1 each. All SFIC Cores can be combined for quantity pricing.

CRL Dustproof Keeper

- For CRL Locking Ladder Pulls
- Accepts 5/8" (16 mm) Throw Bolt
- Alloy 316 Brushed Stainless Steel

Requires a hole 1" (25 mm) in diameter by 1-7/8" (48 mm) deep. Minimum order is one each.





CAT. NO. 58DKBS

CRL Straight and Offset Back-to-Back Pull Handles

- Stocked in Up to Five Architectural Finishes
- For Use With 3/8" to 3/4" (10 to 19 mm) Glass
- Complete With Matching Finish Metal Washers and Through-Bolts for Mounting



USE MONOLITHIC TEMPERED GLASS

MORE CHOICES crlaurence.com

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

Construction:

1" (25 mm) Diameter Stainless Steel or Brass Tubing. *1-1/4" (32 mm) Diameter Stainless Steel (CD24X24BS125 Model only).

Offset: 3" (76 mm) Center-to-Center

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

INCLUDES:

2 Each: Through-Bolts for Glass Mounting

4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

Extra bolts available, sold separately:

CAT. NO.	DESCRIPTION
TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass
DH004AL	Through-Bolt for 1-3/4" (45 mm) Wood or Metal Door Frames- For use with CD24X24BS125 only.

STRAIGHT BACK-TO-BACK PULL HANDLES

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CM10X10BS	10" (254 mm)	Brushed Stainless
CM10X10PS	10" (254 mm)	Polished Stainless
CM10X10BR	10" (254 mm)	Polished Brass
CM10X10SA	10" (254 mm)	Satin Anodized
CM10X10DU	10" (254 mm)	Dark Bronze Anodized
CM12X12BS	12" (305 mm)	Brushed Stainless
CM12X12PS	12" (305 mm)	Polished Stainless
CM12X12BR	12" (305 mm)	Polished Brass
CM12X12SA	12" (305 mm)	Satin Anodized
CM12X12DU	12" (305 mm)	Dark Bronze Anodized
CM18X18BS	18" (457 mm)	Brushed Stainless
CM18X18PS	18" (457 mm)	Polished Stainless
CM18X18BR	18" (457 mm)	Polished Brass
CM24X24BS	24" (610 mm)	Brushed Stainless
CM24X24PS	24" (610 mm)	Polished Stainless
CM24X24BR	24" (610 mm)	Polished Brass

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

OFFSET BACK-TO-BACK PULL HANDLES

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CD10X10BS	10" (254 mm)	Brushed Stainless
CD10X10PS	10" (254 mm)	Polished Stainless
CD10X10BR	10" (254 mm)	Polished Brass
CD10X10SA	10" (254 mm)	Satin Anodized
CD10X10DU	10" (254 mm)	Dark Bronze Anodized
CD12X12BS	12" (305 mm)	Brushed Stainless
CD12X12PS	12" (305 mm)	Polished Stainless
CD12X12BR	12" (305 mm)	Polished Brass
CD12X12SA	12" (305 mm)	Satin Anodized
CD12X12DU	12" (305 mm)	Dark Bronze Anodized
CD18X18BS	18" (457 mm)	Brushed Stainless
CD18X18PS	18" (457 mm)	Polished Stainless
CD18X18BR	18" (457 mm)	Polished Brass
CD24X24BS125*	24" (610 mm)	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Solid Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

Construction: 1" (25 mm) Solid Stainless Steel or Brass

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

USE MONOLITHIC TEMPERED GLASS



INCLUDES:

2 Each: Through-Bolts for Glass Mounting

4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CS10X10BS	10" (254 mm)	Brushed Stainless
CS10X10PS	10" (254 mm)	Polished Stainless
CS10X10BR	10" (254 mm)	Polished Brass
CS12X12BS	12" (305 mm)	Brushed Stainless
CS12X12PS	12" (305 mm)	Polished Stainless
CS12X12BR	12" (305 mm)	Polished Brass

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Curved Style Back-to-Back Pull Handle

SPECIFICATIONS:

For Use With: 3/8" to 3/4" (10 to 19 mm) Glass

Construction: 1" (25 mm) Diameter Stainless Steel or Brass Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

USE MONOLITHIC TEMPERED GLASS



CAT. NO.	DESCRIPTION
TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

INCLUDES:

2 Each: Through-Bolts for Glass Mounting

4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CC12X12BS	12" (305 mm)	Brushed Stainless
CC12X12PS	12" (305 mm)	Polished Stainless
CC12X12BR	12" (305 mm)	Polished Brass
CC12X12DU	12" (305 mm)	Dark Bronze Anodized

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Straight and Offset Combination Push and Pull Handles

USE MONOLITHIC TEMPERED GLASS

- **Five Beautiful Architectural Finishes**
- **For Use With 3/8" to 3/4" (10 to 19 mm) Glass**



SPECIFICATIONS:
For Use With:
3/8" to 3/4" (10 to 19 mm) Glass
Construction:
1" (25 mm) Diameter
Stainless Steel or Brass Tubing
Glass Fabrication Required:
Three 5/8" (16 mm) Diameter Holes,
10" (254 mm) Center-to-Center
12" (305 mm) Center-to-Center
28" (711 mm) Center-to-Center
33" (838 mm) Center-to-Center
Offset: 3" (76 mm) Center-to-Center
Optional 1-1/4" (32 mm) Diameter
Available on Special Order

INCLUDES:
2 Each: Through-Bolts for Glass Mounting
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

Extra bolts available, sold separately:

CAT. NO.	DESCRIPTION
TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass
F40SK	Matching Washer and Stud Kit for Single Sided Attachment for 3/8" to 3/4" (10 to 19 mm) Glass

STRAIGHT COMBINATION PUSH AND PULL HANDLES

CAT. NO.	SIZE	FINISH
CM10X28BS	10" X 28"	Brushed Stainless
CM10X28PS	10" X 28"	Polished Stainless
CM10X28BR	10" X 28"	Polished Brass
CM10X28SA	10" X 28"	Satin Anodized
CM10X28DU	10" X 28"	Dark Bronze Anodized
CM12X28BS	12" X 28"	Brushed Stainless
CM12X28PS	12" X 28"	Polished Stainless
CM12X28BR	12" X 28"	Polished Brass
CM12X28SA	12" X 28"	Satin Anodized
CM12X28DU	12" X 28"	Dark Bronze Anodized

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

OFFSET COMBINATION PUSH AND PULL HANDLES

CAT. NO.	SIZE	FINISH
CD10X28BS	10" X 28"	Brushed Stainless
CD10X28PS	10" X 28"	Polished Stainless
CD10X28BR	10" X 28"	Polished Brass
CD10X28SA	10" X 28"	Satin Anodized
CD10X28DU	10" X 28"	Dark Bronze Anodized
CD10X33BS	10" X 33"	Brushed Stainless
CD10X33PS	10" X 33"	Polished Stainless
CD10X33BR	10" X 33"	Polished Brass
CD10X33SA	10" X 33"	Satin Anodized
CD10X33DU	10" X 33"	Dark Bronze Anodized
CD12X28BS	12" X 28"	Brushed Stainless
CD12X28PS	12" X 28"	Polished Stainless
CD12X28BR	12" X 28"	Polished Brass
CD12X28SA	12" X 28"	Satin Anodized
CD12X28DU	12" X 28"	Dark Bronze Anodized

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Bracket Style Back-to-Back Pull Handle

MORE MODELS crlaurence.com

USE MONOLITHIC TEMPERED GLASS



SPECIFICATIONS:
For Use With:
3/8" to 3/4" (10 to 19 mm) Glass
Construction:
1" (25 mm) Diameter
Stainless Steel Tubing
Glass Fabrication Required:
Two 5/8" (16 mm) Diameter Holes

INCLUDES:
2 Each: Through-Bolts for Glass Mounting
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CX17X17BS	16-3/4" (425 mm)	Brushed Stainless
CX17X17PS	16-3/4" (425 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Ladder Style Back-to-Back Pull Handle With Undercut Accent Rings



USE MONOLITHIC TEMPERED GLASS

SPECIFICATIONS:
For Use With:
3/8" to 3/4" (10 to 19 mm) Glass
Construction:
1" (25 mm) Diameter Stainless Steel or Brass Tubing
Glass Fabrication Required:
Two 5/8" (16 mm) Diameter Holes

INCLUDES:
2 Each: Through-Bolts for Glass Mounting
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CT18X18BS	25" (635 mm)	18" (457 mm)	Brushed Stainless
CT18X18PS	25" (635 mm)	18" (457 mm)	Polished Stainless
CT18X18BR	25" (635 mm)	18" (457 mm)	Polished Brass

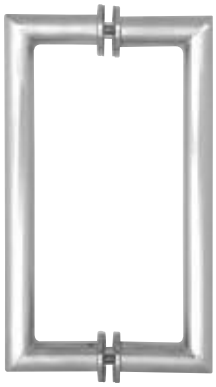
Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Mitered Corner Style Back-to-Back Pull Handle

USE MONOLITHIC TEMPERED GLASS

SPECIFICATIONS:
For Use With: 3/8" to 3/4" (10 to 19 mm) Glass
Construction: 1" (25 mm) Round Stainless Steel Tubing
Glass Fabrication Required: Two 5/8" (16 mm) Diameter Holes

INCLUDES:
2 Each: Through-Bolts for Glass Mounting
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets



Extra bolts available, sold separately:

CAT. NO.	DESCRIPTION
TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
MH10X10BS	10" (254 mm)	Brushed Stainless
MH10X10PS	10" (254 mm)	Polished Stainless
MH12X12BS	12" (305 mm)	Brushed Stainless
MH12X12PS	12" (305 mm)	Polished Stainless
MH18X18BS	18" (457 mm)	Brushed Stainless
MH18X18PS	18" (457 mm)	Polished Stainless
MH24X24BS	24" (610 mm)	Brushed Stainless
MH24X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.
Optional 1-1/4" (32 mm) diameter available on special order.

CRL Glass Mounted Square Tube Style Back-to-Back Pull Handle

MORE CHOICES crlaurence.com

USE MONOLITHIC TEMPERED GLASS

SPECIFICATIONS:
For Use With:
3/8" to 3/4" (10 to 19 mm) Glass
Construction:
1" (25 mm) Square Stainless Steel Tubing
Glass Fabrication Required:
Two 5/8" (16 mm) Diameter Holes

INCLUDES:
2 Each: Through-Bolts for Glass Mounting



Extra bolts available, sold separately:

CAT. NO.	DESCRIPTION
TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames

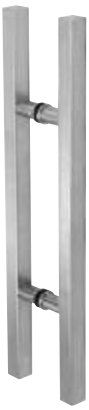
CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
SQ10X10BS	10" (254 mm)	Brushed Stainless
SQ10X10PS	10" (254 mm)	Polished Stainless
SQ12X12BS	12" (305 mm)	Brushed Stainless
SQ12X12PS	12" (305 mm)	Polished Stainless
SQ18X18BS	18" (457 mm)	Brushed Stainless
SQ18X18PS	18" (457 mm)	Polished Stainless
SQ24X24BS	24" (610 mm)	Brushed Stainless
SQ24X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Square Ladder Style Pull Handle With Round Mounting Posts

USE MONOLITHIC TEMPERED GLASS

SPECIFICATIONS:
For Use With: 3/8" to 3/4" (10 to 19 mm) Glass
Construction: 1" (25 mm) Square Stainless Steel Tubing
Glass Fabrication Required: Two 5/8" (16 mm) Diameter Holes



Extra bolts available, sold separately:

CAT. NO.	DESCRIPTION
TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames
F40WK	Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

INCLUDES:
2 Each: Through-Bolts for Glass Mounting
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
24SQRLPBS	24" (610 mm)	12" (305 mm)	Brushed Stainless
24SQRLPPS	24" (610 mm)	12" (305 mm)	Polished Stainless
36SQRLPBS	36" (914 mm)	24" (610 mm)	Brushed Stainless
36SQRLPPS	36" (914 mm)	24" (610 mm)	Polished Stainless
48SQRLPBS	48" (1219 mm)	36" (914 mm)	Brushed Stainless
48SQRLPPS	48" (1219 mm)	36" (914 mm)	Polished Stainless
60SQRLPBS	60" (1524 mm)	48" (1219 mm)	Brushed Stainless
60SQRLPPS	60" (1524 mm)	48" (1219 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Square Ladder Style Pull Handle With Square Mounting Posts

USE MONOLITHIC TEMPERED GLASS

SPECIFICATIONS:
For Use With: 3/8" to 3/4" (10 to 19 mm) Glass
Construction: 1" (25 mm) Square Stainless Steel Tubing
Glass Fabrication Required: Two 5/8" (16 mm) Diameter Holes

INCLUDES:
2 Each: Through-Bolts for Glass Mounting



Extra bolts available, sold separately:

CAT. NO.	DESCRIPTION
TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (45 mm) Wood or Metal Door Frames

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
24SQSLPBS	24" (610 mm)	12" (305 mm)	Brushed Stainless
24SQSLPPS	24" (610 mm)	12" (305 mm)	Polished Stainless
36SQSLPBS	36" (914 mm)	24" (610 mm)	Brushed Stainless
36SQSLPPS	36" (914 mm)	24" (610 mm)	Polished Stainless
48SQSLPBS	48" (1219 mm)	36" (914 mm)	Brushed Stainless
48SQSLPPS	48" (1219 mm)	36" (914 mm)	Polished Stainless
60SQSLPBS	60" (1524 mm)	48" (1219 mm)	Brushed Stainless
60SQSLPPS	60" (1524 mm)	48" (1219 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Variant Series Adjustable Mounting Post Style Pull Handles

• Adjustable Mounting Posts Can Be Mounted on 6" to 26-3/4" (152 to 679 mm) Centers

CRL Variant Series Adjustable Mounting Post Style Pulls are designed to fit on standard hole patterns of 12", 18", and 24" (305, 457, and 610 mm) centers, but with its adjustable mounting posts, will fit almost any hole pattern from 6" to 26-3/4" (152 to 679 mm) centers. Additional Mounting Posts can also be purchased separately.

SPECIFICATIONS:
For Use With:
3/8" to 3/4" (10 to 19 mm) Glass
Construction:
1" (25 mm) Diameter Stainless Steel Tubing
Glass Fabrication Required:
Two 5/8" (16 mm) Diameter Holes,
VPS x 16: 12" (305 mm) Center-to-Center
VPS x 22: 18" (457 mm) Center-to-Center
VPS x 28: 24" (610 mm) Center-to-Center

NOTE: Hole centers shown are for standard mounting locations. You may vary actual hole centers.

USE MONOLITHIC TEMPERED GLASS

MORE CHOICES crlaurence.com

INCLUDES:
2 Each: Through-Bolts for Glass Mounting
4 Each: Adjustable Mounting Posts (VP1 or VP2 Depending on Handle Style)



Pull Set With VP1 Mounting Posts



Pull Set With VP2 Mounting Posts

VARIANT PULL SET WITH VP1 MOUNTING POSTS

CAT. NO.	ROD LENGTH	FINISH
VPS116BS	16" (406 mm)	Brushed Stainless
VPS116PS	16" (406 mm)	Polished Stainless
VPS122BS	22" (559 mm)	Brushed Stainless
VPS122PS	22" (559 mm)	Polished Stainless
VPS128BS	28" (711 mm)	Brushed Stainless
VPS128PS	28" (711 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

VARIANT PULL SET WITH VP2 MOUNTING POSTS

CAT. NO.	ROD LENGTH	FINISH
VPS216BS	16" (406 mm)	Brushed Stainless
VPS216PS	16" (406 mm)	Polished Stainless
VPS222BS	22" (559 mm)	Brushed Stainless
VPS222PS	22" (559 mm)	Polished Stainless
VPS228BS	28" (711 mm)	Brushed Stainless
VPS228PS	28" (711 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

ADDITIONAL MOUNTING POSTS

CAT. NO.	TYPE	FINISH
VP1BS	VP1	Brushed Stainless
VP1PS	VP1	Polished Stainless
VP2BS	VP2	Brushed Stainless
VP2PS	VP2	Polished Stainless

Minimum order: 1 set. Each set includes: 2 each Through-Bolts for Glass Mounting; 4 each Adjustable Mounting Posts

CRL Frameless Sliding Glass Door Pull Handle

• Four Architectural Finishes Available for 1/2" (12 mm) Glass

• Low Projection Will Not Interfere With Sliding Door Action

CRL Frameless Sliding Glass Door Pull Handles feature a low profile projection that will not interfere with the sliding action of the door passing another panel, or even a pocket type installation into the wall. These Handles are available in four stock architectural finishes to complement our Frameless Sliding Door Systems. Custom finishes and custom sizes are also available upon request.



Glass Cut-Out and two holes required

Glass Fabrication Required:
Glass Cut-Out With Polished Edges;
Two 1/2" (13 mm) Diameter Holes

CAT. NO.	FINISH
SGH8CH	Chrome
SGH8BR	Lacquered Brass
SGH8BN	Brushed Nickel
SGH8SC	Satin Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.





USE MONOLITHIC TEMPERED GLASS

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Astral II Standard Push/Pull Hardware

- 1" (25 mm) Diameter Solid Aluminum
- Fits Narrow, Medium, or Wide Stile All Aluminum Doors
- Used on U.S. Aluminum Doors

MORE CHOICES crlaurence.com

NOTE: Replacement 1/4"-20 Threaded Inserts for door stiles are available, order Cat. No. RN1420.

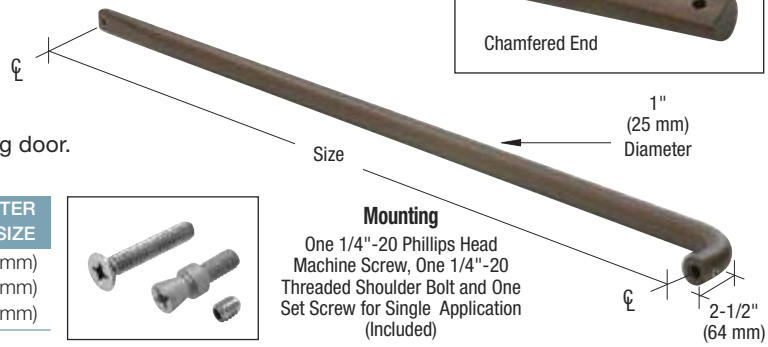


CRL Astral II Solid Push Bar for Double Acting Doors

- Fits Narrow, Medium, or Wide Stile Doors
- Three Standard Sizes With Chamfered End to Allow for a Clear Door Swing

NOTE: Packed one each. Must buy two for each double acting door.





CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	BRONZE CAT. NO.	CENTER-TO-CENTER SIZE
PR0331136	PR0332536	PR0332236	33" (838 mm)
PR0331142	PR0332542	PR0332242	39" (991 mm)
PR0331148	PR0332548	PR0332248	45" (1143 mm)

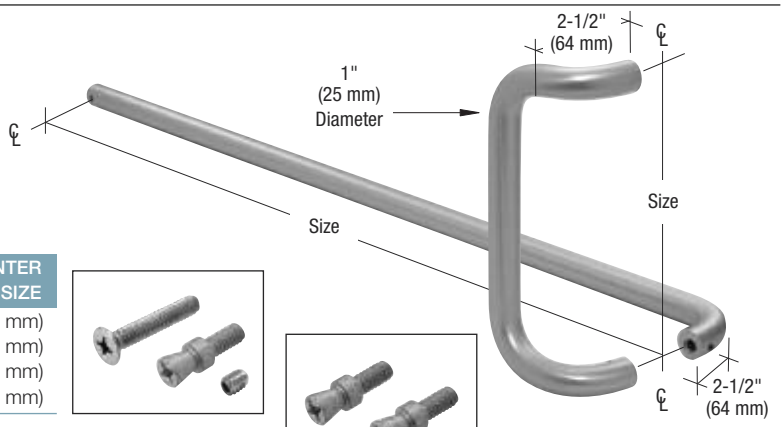
Minimum order: 1 each. All Commercial Pulls can be combined for quantity pricing.

Mounting
One 1/4"-20 Phillips Head Machine Screw, One 1/4"-20 Threaded Shoulder Bolt and One Set Screw for Single Application (Included)

CRL Astral II Solid Push Bars and Pull Handles for Single Acting Doors

MORE SIZES crlaurence.com

NOTE: Push Bar and Pull Handle are ordered separately.



PULL HANDLES ONLY

CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	BRONZE CAT. NO.	CENTER-TO-CENTER SIZE
PR03211	PR03225	PR0322209	9" (229 mm)
PR0321112	PR0322512	PR0322212	12" (305 mm)
PR0321114	PR0322514	PR0322214	14" (356 mm)
PR0321116	PR0322516	PR0322216	16" (406 mm)

Minimum order: 1 each. All Commercial Pulls can be combined for quantity pricing.

PUSH BARS ONLY FOR SINGLE ACTING DOORS

CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	BRONZE CAT. NO.	CENTER-TO-CENTER SIZE
PR0341136	PR0342536	PR0342236	33" (838 mm)
PR0341142	PR0342542	PR0342242	39" (991 mm)
PR0341148	PR0342548	PR0342248	45" (1143 mm)

Minimum order: 1 each. All Commercial Pulls can be combined for quantity pricing.

Push Bar Mounting
One 1/4"-20 Phillips Head Machine Screw, One 1/4"-20 Threaded Shoulder Bolt and One Set Screw for Single Mount Application (Included)



Pull Handle Mounting
Two 1/4"-20 Threaded Shoulder Bolts and Four Set Screws for Single Mount Application (Included)

CRL Astral II Straight Pull Handles

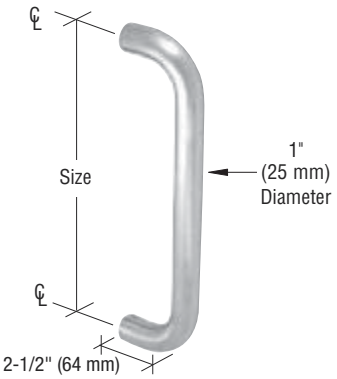
- Replacement for Astral I Hardware
- Sturdy 1" Diameter

CLEAR ANODIZED CAT. NO.	CHAMPAGNE CAT. NO.	BRONZE CAT. NO.	CENTER-TO-CENTER SIZE
PR0221109	PR0222509	PR0222209	9" (229 mm)
PR0221112	PR0222512	PR0222212	12" (305 mm)

Minimum order: 1 each. All Commercial Pulls can be combined for quantity pricing.



Mounting
Two 1/4"-20 Threaded Shoulder Bolts and Four Set Screws for Single Mount Application (Included)



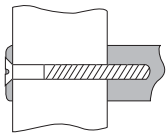
CRL Tubular Offset Single-Sided Pull Handles

- 1" (25 mm) Diameter Stainless Steel or Brass Tubing With 1-1/4" (32 mm) Diameter Matching Washers

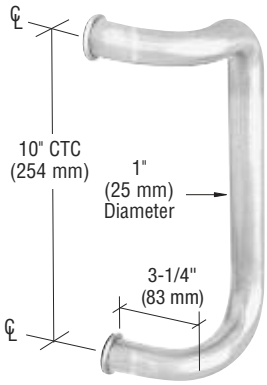
10" (254 MM) CTC PULL HANDLE

CAT. NO.	FINISH
CD10BS	Brushed Stainless
CD10PS	Polished Stainless
CD10BR	Polished Brass
CD10SA	Satin Anodized
CD10DU	Dark Bronze Anodized

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



Mounting
Through-Bolt and Finish Washer (Included)



CRL Solid Offset Single-Sided Pull Handles

- 1" (25 mm) Diameter Solid Aluminum or Stainless Steel

8" (203 MM) CTC PULL HANDLE

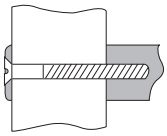
CAT. NO.	FINISH
M174810B	Oil Rubbed Bronze
M174828	Clear Anodized
M174832D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

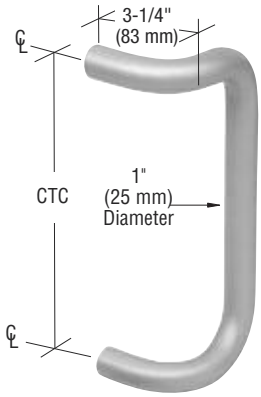
10" (254 MM) CTC PULL HANDLE

CAT. NO.	FINISH
2952A	Aluminum
2952BRZ	Dark Bronze
M1741010B	Oil Rubbed Bronze
M1741028	Clear Anodized
M1741032D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



Mounting
1/4"-20 Through-Bolt and Finish Washer (Included)



CRL Solid Offset Back-To-Back Pull Handles

- 1" (25 mm) Diameter Solid Aluminum or Stainless Steel

8" (203 MM) CTC PULL HANDLE

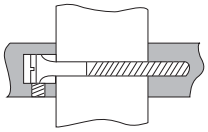
CAT. NO.	FINISH
M2174810B	Oil Rubbed Bronze
M2174828	Clear Anodized
M2174832D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

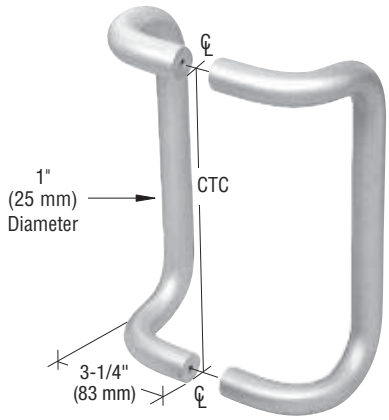
10" (254 MM) CTC PULL HANDLE

CAT. NO.	FINISH
2952PRA	Aluminum
2952PRBRZ	Dark Bronze
M21741010B	Oil Rubbed Bronze
M21741028	Clear Anodized
M21741032D	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



Mounting
Threaded Shoulder Bolt and Set Screw (Included)



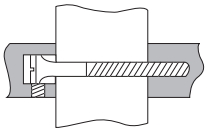
CRL Solid Push Bar and Pull Handle Set

- Fits 36" (914 mm) Narrow Stile Doors
- 1" (25 mm) Diameter Aluminum or Stainless Steel

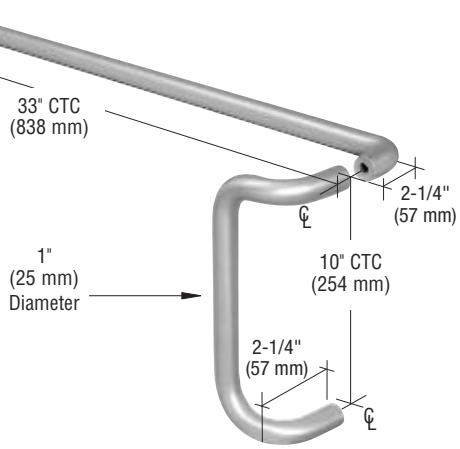
MORE CHOICES crlaurence.com

CAT. NO.	FINISH
2958A	Aluminum
2958BRZ	Dark Bronze
M10X3310B	Oil Rubbed Bronze
M10X3328	Clear Anodized
M10X3332D	Brushed Stainless

Minimum order: 1 each. All Door Handles can be combined for quantity pricing.



Mounting
Threaded Shoulder Bolt and Set Screw (Included)



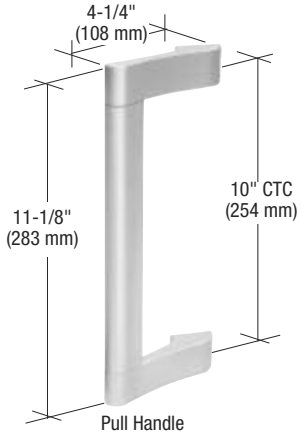
CRL Extruded Aluminum Pull Handles

- **Solid Extruded Aluminum Handle Mounts to Door With Concealed Fasteners**

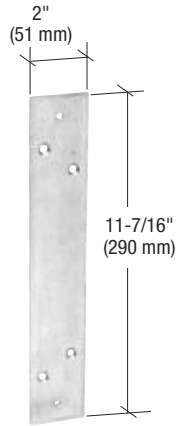
The Extruded Aluminum Pull Handle comes with two studs that are tapped (1/4"-20 thread) into the aluminum door frame on 10" (254 mm) centers. Then the Handle is slipped over the studs and secured with Allen screws to provide a concealed fastener look. Available in choice of satin anodized and dark bronze finishes. Handle projects 2-5/16" (59 mm) from stile. One per package.

PULL HANDLE CAT. NO.	MOUNTING PLATE CAT. NO.	FINISH
DL915A	DL916A	Satin Anodized
DL915DU	DL916DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



Pull Handle



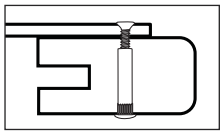
Optional Mounting Plate

CRL Extruded Aluminum Door Bumper Bars

- **3/8" (10 mm) Thick Bumper Bars Help Protect Storefront Doors**
- **Available in Three Lengths and Two Finishes**

Extruded Aluminum Door Bumper Bars come prepped at each end for use with 1/4" - 20 Sex Bolts, sold separately (see below). Door Bumper Bars assist in preventing damage to door and glass in areas with shopping carts. Bars measure 2" x 3/8" (51 x 10 mm). One per package.




Sex Bolt Mount

CAT. NO.	FITS DOORS UP TO	FINISH
P011110036	36" (914 mm) Wide	Satin Aluminum
P011220036	36" (914 mm) Wide	Bronze Anodized
P011110042	42" (1067 mm) Wide	Satin Aluminum
P011220042	42" (1067 mm) Wide	Bronze Anodized
P011110048	48" (1219 mm) Wide	Satin Aluminum
P011220048	48" (1219 mm) Wide	Bronze Anodized

Minimum order: 1 each. All Push Bars can be combined for quantity pricing.

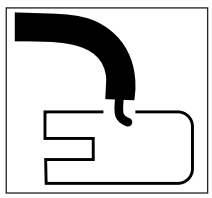
CRL Extruded Aluminum Push Bars

- **Available in Three Lengths and Two Finishes**

MORE CHOICES crlaurence.com

Extruded Aluminum Push Bars for aluminum storefront doors come with a "J" Hook on one end. The opposite end needs to be drilled at time of installation to match application. Bar measures 1/2" x 1-1/4" (13 x 32 mm), and projects 2-1/4" (57 mm) off lock stile of door. One per package.




J-Hook Mount

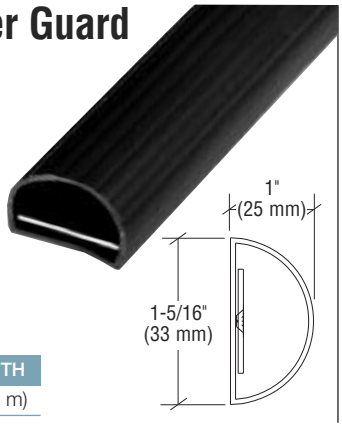
CAT. NO.	FITS DOORS UP TO	FINISH
DL9530A	36" (914 mm) Wide	Satin Aluminum
DL9530DU	36" (914 mm) Wide	Bronze Anodized
DL9535A	42" (1067 mm) Wide	Satin Aluminum
DL9535DU	42" (1067 mm) Wide	Bronze Anodized
DL9540A	48" (1219 mm) Wide	Satin Aluminum
DL9540DU	48" (1219 mm) Wide	Bronze Anodized

Minimum order: 1 each. All Push Bars can be combined for quantity pricing.

CRL Vinyl Door Jamb Finger Guard

- **Prevents Finger Entrapment and Injuries**
- **Easy to Install**

This CRL Vinyl Door Jamb Finger Guard is designed to be applied to the hinge side of the door frame to help reduce injury to fingers. **NOTE:** Only works on center pivot doors with special frame opening size. Attachment screws not included.

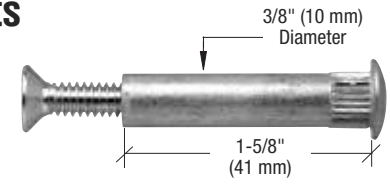


CAT. NO.	FINISH	LENGTH
FP100	Charcoal	96" (2.44 m)

Minimum order: 1 each.

CRL Sex Bolts

- **Two Finishes**



Used for securing push bars, surface mounted door closers, and other fixtures to 1-3/4" (44 mm) doors. Knurled barrel fits a 3/8" (10 mm) diameter hole. Available in aluminum and bronze finishes. Four bolts per package.

CAT. NO.	THREAD SIZE	FINISH
8025	1/4" - 20	Satin Aluminum
8025BRZ	1/4" - 20	Bronze Anodized

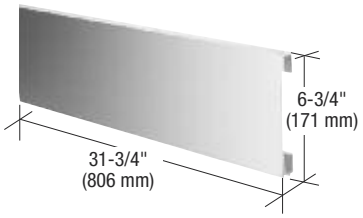
Minimum order: 1 pack. Finishes can be combined for quantity pricing.

CRL A.D.A. Door Rail Adaptor

- For New or Retrofit Applications

Allows existing doors to meet California Title 24 Handicap Code requirements of a 10" (254 mm) bottom rail. Easily mounts between door stiles with double face tape. Fits 36" (914 mm) doors. Other sizes are available on special order. One pair per package.





CAT. NO.	FINISH
10AD	Aluminum
10BRZ	Bronze

Minimum order: 1 pair. Finishes can be combined for quantity pricing.

CRL Handicap Symbol Decals

- Vinyl Decals are Easy to Install
- Single-Sided or Visible From Both Sides of Glass Doors



CAT. NO. 150B0



CAT. NO. SBH01H*
*Decal Only-Sign Not Included

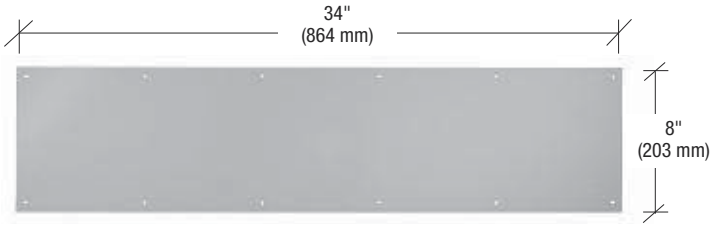
CAT. NO.	DIMENSIONS	COLOR
150B0	6" (152 mm) Square	White on Blue
SBH01H	2" (51 mm) Square	White

Minimum order: 1 each.

CRL Door Kick Plates

MORE MODELS crlaurence.com

- Protects Door Surfaces
- Three Architectural Finishes



Door Kick Plates are used to protect 36" (914 mm) wide door bottoms from scuffing. Comes with pre-drilled mounting holes and all hardware needed to fasten to the door. 3/64" (1 mm) thick Plates come one per package.

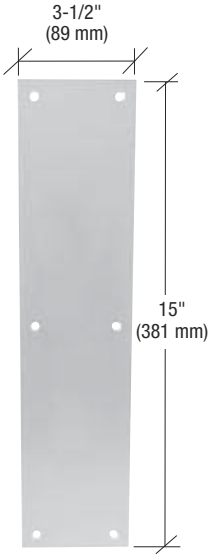
CAT. NO.	FINISH
37	Satin Aluminum
37SS	Brushed Stainless
37PB	Polished Brass

Minimum order: 1 each. All Kick Plates and Push/Pull Plates can be combined for quantity pricing.

CRL Push Plates

- Protect Door Surfaces
- Three Architectural Finishes

Push Plates eliminate hand prints and scratch marks to the door face. Comes with pre-drilled mounting holes and all hardware needed to fasten to the door. 3/64" (1 mm) thick Plates come one per package.



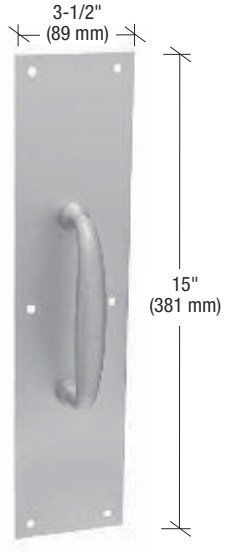
CAT. NO.	FINISH
47	Satin Aluminum
47SS	Brushed Stainless
47PB	Polished Brass

Minimum order: 1 each. All Kick Plates and Push/Pull Plates can be combined for quantity pricing.

CRL Pull Plates

- Heavy Die Cast Handle
- Three Architectural Finishes

This CRL Pull Plate is 3/64" (1 mm) thick with a heavy die cast pull handle. It has beveled edges with pre-drilled mounting holes. All mounting hardware is included. One per package.



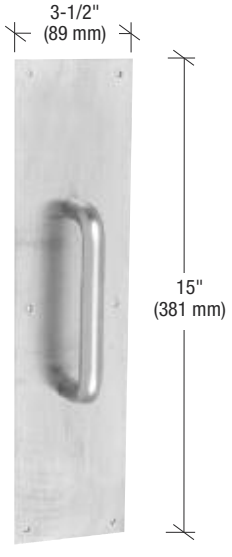
CAT. NO.	FINISH
57N	Satin Aluminum
57SS	Brushed Stainless
57PB	Polished Brass

Minimum order: 1 each. All Kick Plates and Push/Pull Plates can be combined for quantity pricing.

CRL Round Handle Pull Plates

- Solid Round Pull Handle
- Three Architectural Finishes

The CRL Round Handle Pull Plate is 3/64" (1 mm) thick, with a 3/4" (19 mm) diameter solid round pull handle. All mounting hardware is included. One per package.



CAT. NO.	FINISH
67N	Satin Aluminum
67SS	Brushed Stainless
67PB	Polished Brass

Minimum order: 1 each. All Kick Plates and Push/Pull Plates can be combined for quantity pricing.

CRL Round Push or Pull Indicators

- Etched Brass or Stainless Steel
- 2" (51 mm) Diameter
- Applied With Pre-Installed High Bond Tape

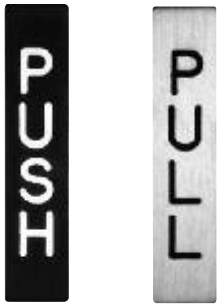


PULL CAT. NO.	PUSH CAT. NO.	PUSH-PULL SET CAT. NO.	FINISH
2EP0RBPL	2EP0RBPU	RPP2DU	Oil Rubbed Bronze
2EPBSPL	2EPBSPU	RPP2BS	Brushed Stainless Steel
2EPPSPL	2EPPSPU	RPP2PS	Polished Stainless Steel
2EPPBPL	2EPPBPU	RPP2PB	Polished Brass
2EPSBPL	2EPSBPU	RPP2SB	Satin Brass

Minimum order: 1 each. All Indicators can be combined for quantity pricing.

CRL Etched Aluminum Push-Pull Signs

- Letters Etched in Aluminum Plates With Tape Backing for Easy Mounting
- Choose Black on Aluminum or White on Bronze



White on Bronze Black on Aluminum

Mount with pressure sensitive tape backing. Dimensions: 4-9/16" (116 mm) high x 1" (25 mm) wide. The letters are 5/8" (16 mm) high.

CAT. NO.	TYPE	COLOR
1445G	Push	Black on Aluminum
1445GW	Push	White on Bronze
1446G	Pull	Black on Aluminum
1446GW	Pull	White on Bronze

Minimum order: 1 each. All Push-Pull Signs can be combined for quantity pricing.

CRL Round Slide Indicators

NEW!

- One Left and One Right Per Pack
- Brushed Stainless Steel Finish
- Applied With Pre-Installed High Bond Tape
- 2" (51 mm) Diameter

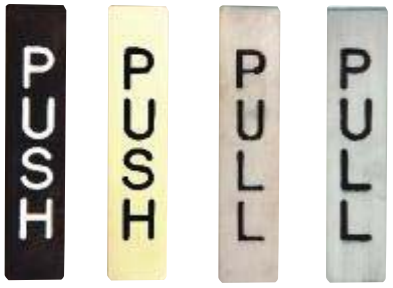


These CRL Round Slide Indicators are made of high quality stainless, and applied using a high bond tape that is pre-installed on the back of the Indicator. There is one LEFT and one RIGHT Indicator per package. The etched letters are 5/8" (16 mm) high so they can be easily read. Sold only in packs of two. Minimum order is one pack.

CAT. NO. 3EPSSL

CRL Push-Pull Indicator Plates

- Brass or Stainless Steel Plates
- Tape Backing for Easy Mounting



These Push-Pull Indicators have 5/8" (16 mm) high etched letters. Indicators measure 4-1/2" (114 mm) high x 1" (25 mm) wide.

PULL CAT. NO.	PUSH CAT. NO.	FINISH
4EP0RBPU	4EP0RBPL	Oil Rubbed Bronze
4EPBSPU	4EPBSPL	Brushed Stainless Steel
4EPPSPU	4EPPSPL	Polished Stainless Steel
4EPPBPU	4EPPBPL	Polished Brass
4EPSBPU	4EPSBPL	Satin Brass

Minimum order: 1 each. All Indicators can be combined for quantity pricing.

CRL 'Door to Remain Unlocked' Decals for Business Doors

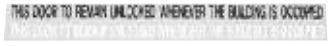
MORE INFORMATION crlaurence.com

- Two Varieties Available for Single or Double Doors
- Adhesive Backed for Fast Installation





Cat. Nos. 148B0, 149B0, and DL2177HS "During Business Hours"





Cat. Nos. 146B0 and 147B0 "Whenever the Building is Occupied"

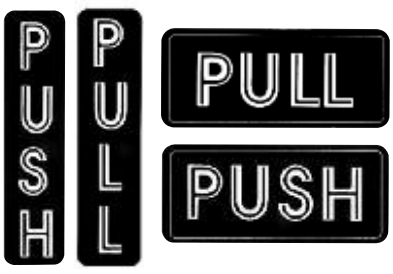
CAT. NO.	DESCRIPTION	LENGTH	QTY/PACK
DL2177HS	Single Door Decal	26" (660 mm)	10*
148B0	Single Door Decal	24" (610 mm)	1
149B0	Double Door Decal	25" (635 mm)	1
146B0	Single Door Decal	25" (635 mm)	1
147B0	Double Door Decal	26" (660 mm)	1

Minimum order: 1 each. *10 each for Cat. No. DL2177HS.

CRL Push-Pull Indicator Decals

- Die-Cut Decals With Adhesive Backing

Aluminum colored letters on black background. Vertical Dimensions: 5-3/4" (146 mm) high x 1-3/8" (35 mm) wide. Horizontal Dimensions: 1-7/8" (48 mm) high x 4-1/4" (108 mm) wide.



Vertical Style Horizontal Style

CAT. NO.	TYPE	COLOR	STYLE
566VA	Push	Aluminum/Black	Vertical
566HA	Push	Aluminum/Black	Horizontal
567VA	Pull	Aluminum/Black	Vertical
567HA	Pull	Aluminum/Black	Horizontal

Minimum order: 25 each. 25 per package. All Decals can be combined for quantity pricing.

CRL Center Locks

- Available in Two Sizes: 4" x 10" and 6" x 10"
- Choose From Three Types: Deadlatch, Long Throw Deadlock, and Hook Throw Deadlock
- For Use With 1/2" (12 mm) Tempered Glass; Custom Sizes for Other Glass Thicknesses Available on Special Order
- Installs Easily With Bolts; No Messy Silicone or Cement Required
- Available in Five Stock Finishes Plus Custom Finishes on Special Order

MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

MORE CHOICES crlaurence.com



CRL Center Locks are available in three types: Deadlatch, Long Throw Deadlock, and Hook Throw Deadlock. A variety of pull handles and latch-operating devices (Thumbturns, Keyed Cylinders, Lever Handles, and Paddle Handles) are available to accommodate different requirements.

We carry stock units for immediate shipment, and can fabricate custom units that can be shipped within one week. CRL offers an easy-to-use ordering menu that takes you through all the required information needed to produce your Center Lock. It can be faxed or e-mailed to you, or accessed at **crlaurence.com/center-locks**.

CRL 4" x 10" Center Locks With Deadlatch

- For Use With 1/2" (12 mm) Tempered Glass
- Installs Easily With Bolts; No Silicone or Cement Required
- Available in Five Stock Finishes
- Custom Sizes for Other Glass Thicknesses and Custom Finishes Can Be Special Ordered



RH/LHR Shown

CRL 4" x 10" (102 x 254 mm) Center Locks With Deadlatch come with a Deadlatch that can be dogged in the open position, an 8" (203 mm) Back-to-Back "D" Handle, a Thumbturn on the inside, and a Keyed Cylinder on the outside. The dogging feature is engaged by simply pushing both deadlatch bolts fully into the open position, then engaging the dogging clips by turning either the Keyed Cylinder or Thumbturn until the clips snap in place.

Available in five attractive finishes for 1/2" (12 mm) heavy glass doors. Custom Locks with different accessories are available on special order.

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	CLAD FINISH
DL410LBS	DL410RBS	Brushed Stainless
DL410LPS	DL410RPS	Polished Stainless
DL410LPB	DL410RPB	Polished Brass
DL410LSC	DL410RSC	Satin Anodized
DL410LDU	DL410RDU	Black Bronze Anodized

Minimum order: 1 each. *See page CH104 for handing chart. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL 4" x 10" Center Lock Glass Keepers

- For Use With 1/2" (12 mm) Tempered Glass
- Installs Easily With Bolts; No Silicone or Cement Required
- Non-Handed Stock Models Available in Five Standard Finishes
- Custom Sizes for Other Glass Thicknesses and Custom Finishes Can Be Special Ordered



Non-Handed

CRL 4" x 10" (102 x 254 mm) Center Lock Glass Keepers have a Strike Plate with a latch entry ramp on both sides, making them universal for all applications. Available in five attractive finishes for 1/2" (12 mm) heavy glass doors. Glass Keepers With Deadlatch Electric Strikes are available on special order.

CAT. NO.	HANDING	CLAD FINISH
DLK410BS	Non-Handed	Brushed Stainless
DLK410PS	Non-Handed	Polished Stainless
DLK410PB	Non-Handed	Polished Brass
DLK410SC	Non-Handed	Satin Anodized
DLK410DU	Non-Handed	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL 4" x 10" Center Locks and Glass Keepers

USE MONOLITHIC TEMPERED GLASS

CRL Center Locks With Long Throw Deadlock

- Non-Handed Stock Models Available in Five Finishes
- Installs Easily With Bolts; No Silicone or Cement Required
- For Use With 1/2" (12 mm) Tempered Glass
- Custom Sizes for 3/8" (10 mm) Tempered Glass Are Available on Special Order



Non-Handed

4" x 10" (102 x 254 mm) Center Locks With Long Throw Deadlock include a DL2110 Long Throw Deadlock, an 8" (203 mm) back-to-back "D" Handle, a Thumbturn on the inside, and a Keyed Cylinder on the outside.

CAT. NO.	CLAD FINISH
DT410BS	Brushed Stainless
DT410PS	Polished Stainless
DT410PB	Polished Brass
DT410SC	Satin Anodized
DT410DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL Center Locks With Hook Throw Deadlock

- Non-Handed Stock Models Available in Five Finishes
- Installs Easily With Bolts; No Silicone or Cement Required
- For Use With 1/2" (12 mm) Tempered Glass
- Custom Sizes for 3/8" (10 mm) Tempered Glass Are Available on Special Order



Non-Handed

4" x 10" (102 x 254 mm) Center Locks With Hook Throw Deadlock include a DL2130 Hook Throw Deadlock, an 8" (203 mm) back-to-back "D" Handle, a Thumbturn on the inside, and a Keyed Cylinder on the outside.

CAT. NO.	CLAD FINISH
DH410BS	Brushed Stainless
DH410PS	Polished Stainless
DH410PB	Polished Brass
DH410SC	Satin Anodized
DH410DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL Glass Keepers for Center Locks With Long Throw and Hook Throw Deadlocks

- Non-Handed Stock Models Available in Five Finishes
- Installs Easily With Bolts; No Silicone or Cement Required
- For Use With 1/2" (12 mm) Tempered Glass
- Custom Sizes for 3/8" (10 mm) Tempered Glass Are Available on Special Order



Non-Handed

Non-Handed Glass Keepers for the 4" x 10" (102 x 254 mm) Long Throw and Hook Throw Deadlocks. Available in five finishes for 1/2" (12 mm) heavy glass doors.

CAT. NO.	CLAD FINISH
DTK410BS	Brushed Stainless
DTK410PS	Polished Stainless
DTK410PB	Polished Brass
DTK410SC	Satin Anodized
DTK410DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL 4" x 10" Center Lock Strikes



Back-Up Plate



Dust Box
Small 1-3/4" (45 mm) Jamb Shown



Strike

- Brushed Stainless Steel
- Dust Box and Back-Up Plate Included
- Non-Handed

MORE CHOICES crlaurence.com

CRL 4" x 10" (102 x 254 mm) Center Lock Strikes come with all necessary hardware for mounting. A Back-Up Plate is included for use in aluminum tubes, along with a Dust Box. Choose from three sizes for various jamb widths. One per package.

SMALL 1-3/4" WIDE JAMB CAT. NO.	MEDIUM 4" WIDE JAMB CAT. NO.	LARGE 4-1/2" WIDE JAMB CAT. NO.	CLAD FINISH
DL4515	DL4540	DL4545	Brushed Stainless

Minimum order: 1 each. All Center Lock Strikes can be combined for quantity pricing.

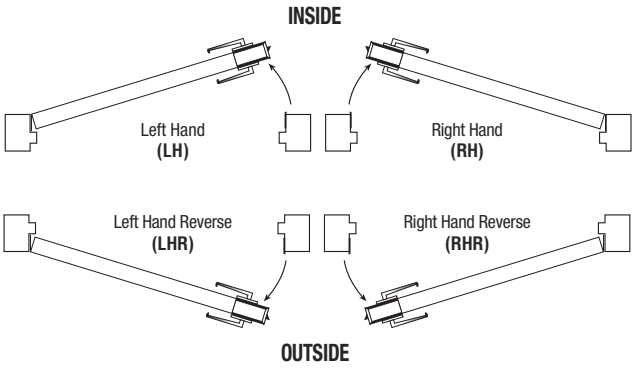
CRL 6" x 10" Center Locks With Deadlatch

MORE CHOICES
crlaurence.com

- Five Different Lock Functions Available; Office, Entrance, Passage, Storeroom, and Classroom
- For 1/2" (12 mm) Tempered Glass; Custom Units for Other Glass Thicknesses on Special Order
- Available in Five Finishes
- Hassle Free Installation Without the Mess of Cement or Silicone
- Jamb Mount Strike Plates on Special Order



6" x 10" (152 x 254 mm) Center Locks with Deadlatch offer the most diversity in lock function and security. Available in five attractive finishes for 1/2" (12 mm) heavy glass doors. The operation of the lock varies with the lock function. A simple cut-out in the glass is all that is required. No messy cement or silicone required for installing. Center Locks are available left and right handed (see reference diagram below).





Glass Cut-Out Required

USE MONOLITHIC TEMPERED GLASS

CRL 6" x 10" Center Office Lock

With an "Office Lock," the Latchbolt is operated by lever on either side (except when outside lever is locked by rocker in faceplate) or by a key outside. Auxiliary Latchbolt deadlocks the main Latchbolt to prevent jimmying of lock. Turning inside lever will always retract the locking mechanism and allow exiting.



LHR Shown

OFFICE LOCK

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	CLAD FINISH
DL610L0BS	DL610R0BS	DL611L0BS	DL611R0BS	Brushed Stainless
DL610L0PS	DL610R0PS	DL611L0PS	DL611R0PS	Polished Stainless
DL610L0PB	DL610R0PB	DL611L0PB	DL611R0PB	Polished Brass
DL610L0SC	DL610R0SC	DL611L0SC	DL611R0SC	Satin Anodized
DL610L0DU	DL610R0DU	DL611L0DU	DL611R0DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Center Entrance Lock

With an "Entrance Lock," the Latchbolt is operated by lever on either side (except when outside lever is locked by rocker in faceplate). Deadbolt is operated by key outside and thumbturn inside. Inside lever operates Latchbolt and Deadbolt simultaneously to allow exiting. **NOTE:** Will not work with Electric Strikes, or standard DLK610 Glass Mount Keeper.



LHR Shown

ENTRANCE LOCK

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	CLAD FINISH
DL610LEBS	DL610REBS	DL611LEBS	DL611REBS	Brushed Stainless
DL610LEPS	DL610REPS	DL611LEPS	DL611REPS	Polished Stainless
DL610LEPB	DL610REPB	DL611LEPB	DL611REPB	Polished Brass
DL610LESC	DL610RESC	DL611LESC	DL611RESC	Satin Anodized
DL610LEDU	DL610REDU	DL611LEDU	DL611REDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Center Passage Lock

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

With a "Passage Lock," the levers are always operable, allowing the Latchbolt to be retracted at all times.



LHR Shown

PASSAGE LOCK

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	CLAD FINISH
DL610LPBS	DL610RPBS	DL611LPBS	DL611RPBS	Brushed Stainless
DL610LPPS	DL610RPPS	DL611LPPS	DL611RPPS	Polished Stainless
DL610LPPB	DL610RPPB	DL611LPPB	DL611RPPB	Polished Brass
DL610LPSC	DL610RPSC	DL611LPSC	DL611RPSC	Satin Anodized
DL610LPDU	DL610RPDU	DL611LPDU	DL611RPDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Center Storeroom Lock

CRL US ALUMINUM MANUFACTURED IN THE USA

With a "Storeroom Lock," the Latchbolt is operated by lever inside, and by key outside. The outside lever is always fixed. Auxiliary Latchbolt deadlocks the main Latchbolt to prevent jimmying of lock. Turning inside lever will always retract the locking mechanism to allow exiting. This lock is used primarily with Electric Strikes.



LHR Shown

STOREROOM LOCK

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	CLAD FINISH
DL610LSBS	DL610RSBS	DL611LSBS	DL611RSBS	Brushed Stainless
DL610LSPS	DL610RSPS	DL611LSPS	DL611RSPS	Polished Stainless
DL610LSPB	DL610RSPB	DL611LSPB	DL611RSPB	Polished Brass
DL610LSSC	DL610RSSC	DL611LSSC	DL611RSSC	Satin Anodized
DL610LSDU	DL610RSDU	DL611LSDU	DL611RSDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Center Classroom Lock

CRL US ALUMINUM MANUFACTURED IN THE USA

With a "Classroom Lock," the Latchbolt is operated by lever on either side, except when outside lever is locked by key outside. Key operates latch or unlocks outside lever. Inside lever is always operable.



LHR Shown

CLASSROOM LOCK

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	CLAD FINISH
DL610LMBS	DL610RMBS	DL611LMBS	DL611RMBS	Brushed Stainless
DL610LMPS	DL610RMPS	DL611LMPS	DL611RMPS	Polished Stainless
DL610LMPB	DL610RMPB	DL611LMPB	DL611RMPB	Polished Brass
DL610LMSC	DL610RMSC	DL611LMSC	DL611RMSC	Satin Anodized
DL610LMDU	DL610RMDU	DL611LMDU	DL611RMDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Center Push Button Locks and Glass Keepers

- **Requires No Electrical Connections**
- **Complies With A.D.A. Standards**
- **Five Finishes Available**

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



CRL Push Button Lock and Glass Keeper assemblies require no electrical connections so the mounting is exactly the same as our other 6" x 10" (152 x 254 mm) Center Locks. On the exterior side of the door is a Keypad with five vertical push buttons, numbered in sequential order from top to bottom. On the interior side there is a lever, which operates the Latchbolt at all times.

The lock complies with A.D.A. standards and is ideal for high frequency use in hospitals, entrances to commercial and industrial buildings, apartments, condominiums, schools, etc.

The Center Lock Glass Keeper (sold separately), is specially machined to accept the strike from the Push Button Lock. If a Center Lock Glass Keeper is not required, a Strike Plate for the jamb is supplied with the Push Button Lock assembly.

PUSH BUTTON LOCKS*

LH CAT. NO.	RH CAT. NO.	LHR CAT. NO.	RHR CAT. NO.	CLAD FINISH
DL610LCBS	DL610RCBS	DL611LCBS	DL611RCBS	Brushed Stainless
DL610LCPS	DL610RCPS	DL611LCPS	DL611RCPS	Polished Stainless
DL610LCPB	DL610RCPB	DL611LCPB	DL611RCPB	Polished Brass
DL610LCSC	DL610RCSC	DL611LCSC	DL611RCSC	Satin Anodized
DL610LCDU	DL610RCDU	DL611LCDU	DL611RCDU	▾ Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.
▾ Black Bronze Cover Plate with Satin Anodized Lock and Lever.
* Push Button Lock and Glass Keeper are sold separately.

CENTER LOCK GLASS KEEPERS*

LH CAT. NO.	RH CAT. NO.	CLAD FINISH
DLK610LCBS	DLK610RCBS	Brushed Stainless
DLK610LCPS	DLK610RCPS	Polished Stainless
DLK610LCPB	DLK610RCPB	Polished Brass
DLK610LCSC	DLK610RCSC	Satin Anodized
DLK610LCDU	DLK610RCDU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.
* Push Button Lock and Glass Keeper are sold separately.

CRL 4" x 10" Center Lock Glass Keepers With Deadlatch Electric Strike

- Accepts 1/2" (12 mm) Tempered Glass
- Use With 4" x 10" Center Locks Only
- Available in Five Finishes



RH/LHR Shown

4" x 10" (102 x 254 mm) Center Lock Glass Keepers with 12V DC ST125 Series Deadlatch Electric Strikes are handed to match the appropriate Center Lock. To simplify ordering use the same handing as the lock. That way you match the Glass Keeper with Deadlatch Electric Strike to Center Lock handing, which eliminates confusion. These units are special order and can be shipped within one week. For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.

USE MONOLITHIC TEMPERED GLASS

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	CLAD FINISH
DLEL410BS	DLER410BS	Brushed Stainless
DLEL410PS	DLER410PS	Polished Stainless
DLEL410PB	DLER410PB	Polished Brass
DLEL410SC	DLER410SC	Satin Anodized
DLEL410DU	DLER410DU	Black Bronze Anodized

Minimum order: 1 each. *See page CH104 for handing chart. All Center Locks and Keepers can be combined for quantity pricing. Extra gaskets available on special order for use with 3/8" (10 mm) glass.



Glass Cut-Out Required

CRL 6" x 10" Center Lock Glass Keepers With Deadlatch Electric Strike

- Accepts 1/2" (12 mm) Tempered Glass
- Use With 6" x 10" Center Locks Only
- Available in Five Finishes



RH/LHR Shown

6" x 10" (152 x 254 mm) Center Lock Glass Keepers with 24V DC 7160510 Series Deadlatch Electric Strikes are handed to match the appropriate Center Lock. To simplify ordering use the same handing as the lock. That way you match the Glass Keeper with Deadlatch Electric Strike to Center Lock handing, which eliminates confusion. **NOTE:** Will not work with Entrance Lock configuration. These units are special order and can be shipped within one week. Please contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.

USE MONOLITHIC TEMPERED GLASS

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	CLAD FINISH
DLEL610BS	DLER610BS	Brushed Stainless
DLEL610PS	DLER610PS	Polished Stainless
DLEL610PB	DLER610PB	Polished Brass
DLEL610SC	DLER610SC	Satin Anodized
DLEL610DU	DLER610DU	Black Bronze Anodized

Minimum order: 1 each. *See page CH104 for handing chart. All Center Locks and Keepers can be combined for quantity pricing. Extra gaskets available on special order for use with 3/8" (10 mm) glass.



Glass Cut-Out Required

CRL 6" x 10" Center Lock Glass Keepers

- Installs Easily With Bolts; No Silicone or Cement Required
- Available in Five Popular Finishes
- For 1/2" (12 mm) Tempered Glass



Non-Handed

6" x 10" (152 x 254 mm) Center Lock Glass Keepers have a strike plate with a latch entry ramp on both sides, making them universal for all applications. Available in five attractive finishes for 1/2" (12 mm) tempered glass doors. For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at crlaurence.com/support.

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

ENTRANCE LOCK* CAT. NO.	FOR OTHER LOCKS CAT. NO.	CLAD FINISH
DLK610EBS	DLK610BS	Brushed Stainless
DLK610EPS	DLK610PS	Polished Stainless
DLK610EPB	DLK610PB	Polished Brass
DLK610ESC	DLK610SC	Satin Anodized
DLK610EDU	DLK610DU	Black Bronze Anodized

Minimum order 1 each. All Center Locks and Keepers can be combined for quantity pricing. *Used only with Entrance Locks.



Glass Cut-Out Required

CRL 6" x 10" Center Lock Strikes

- Available to Fit Four Different Jamb Sizes
- Dust Box and Back-Up Plate Included
- Left and Right Handed Models
- Brushed Stainless Steel



DLL6515 Shown

CRL 6" x 10" (152 x 254 mm) Center Lock Strikes come with all the necessary hardware for mounting. A Back-Up Plate is included for use in aluminum tubes, along with a Dust Box. Choose from two models and four different jamb widths.

FOR OFFICE, PASSAGE, STOREROOM, AND CLASSROOM CENTER LOCKS

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	FITS JAMB SIZE
DLL6515	DLR6515	1-3/4" (45 mm)
DLL6540	DLR6540	4" (102 mm)
DLL6545	DLR6545	4-1/2" (114 mm)
DLL6560	DLR6560	6" (152 mm)

FOR ENTRANCE CENTER LOCKS (DEADBOLT)

LH/RHR* CAT. NO.	RH/LHR* CAT. NO.	FITS JAMB SIZE
DLL6615	DLR6615	1-3/4" (45 mm)
DLL6640	DLR6640	4" (102 mm)
DLL6645	DLR6645	4-1/2" (114 mm)
DLL6660	DLR6660	6" (152 mm)

Minimum order: 1 each. *See page CH104 for handing chart. All Strikes can be combined for quantity pricing.

CRL Low Profile Center Locks and Glass Keepers

- Small Size Complements Our Low Profile Door Rail Line
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Available in Five Standard Architectural Finishes
- Custom Finishes and Anti-Microbial Powder Coatings Available
- Hassle Free Installation Without the Mess of Cement or Silicone
- Jamb Mount Strike Plate Provided With Lock
- Uses Our Standard Thumbturns and Keyed Cylinders (See Page CH027)

USE MONOLITHIC TEMPERED GLASS

CRL US ALUMINUM MANUFACTURED IN THE USA



Low Profile Center Locks and Glass Keepers offer the diversity of having a secure lock in a small package that complements our Low Profile Door Rails. Available in five attractive finishes that match our entire Door Rail line for both 3/8" and 1/2" (10 and 12 mm) heavy glass doors. This Lock is located at a comfortable height above the floor, eliminating the need to bend down to lock or unlock the door. A simple cut-out in the glass is all that is required. No messy cement or silicone required for installation.

NOTE: When used on a pair of doors, one door must have a rail lock engaging into the floor for maximum security.

CRL Low Profile Center Lock

- Small Size Complements Our Low Profile Door Rail Line
- Uses Our Standard Thumbturns and Keyed Cylinders
- Non-Handed

USE MONOLITHIC TEMPERED GLASS

CRL US ALUMINUM MANUFACTURED IN THE USA



The 2-3/4" x 5-5/8" (70 x 143 mm) Low Profile Center Lock looks great when used with our Low Profile Door Rails. The sleek housing uses our standard thumbturns and keyed cylinders in any combination (ordered separately, see page CH027). Fits both 3/8" and 1/2" (10 and 12 mm) thick tempered glass. Includes a 777SP Series Fixed Jamb Strike Plate. For locking to a glass sidelite, a Glass Keeper must be ordered separately (see below).

MORE INFORMATION crlaurence.com

CAT. NO.	CLAD FINISH
DT36BS	Brushed Stainless
DT36PS	Polished Stainless
DT36PB	Polished Brass
DT36SA	Satin Anodized
DT36DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL Low Profile Glass Keeper

- Small Size Complements Our Low Profile Door Rail Line
- Works With Low Profile Center Lock (See Above)
- Non-Handed

USE MONOLITHIC TEMPERED GLASS

CRL US ALUMINUM MANUFACTURED IN THE USA



These 1-3/4" x 5-5/8" (45 x 143 mm) Low Profile Glass Keepers are for use on glass panels adjacent to swinging doors using our DT36 Series Low Profile Center Locks (see above). Fits both 3/8" and 1/2" (10 and 12 mm) thick tempered glass.

CAT. NO.	CLAD FINISH
DTK36BS	Brushed Stainless
DTK36PS	Polished Stainless
DTK36PB	Polished Brass
DTK36SA	Satin Anodized
DTK36DU	Black Bronze Anodized

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL Lever Lock Housing

- Low Profile Body Design for Use With 3/8" or 1/2" (10 or 12 mm) Glass
- Supplied With ANSI A156.2 Grade 1 or Grade 2 Lever Lock
- Non-Handed and Reversible
- Five Architectural Finishes Available
- Four Function Options

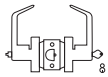
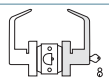
MORE INFORMATION
crlaurence.com



Glass Fabrication is required.
Installation Instructions and
Fabrication Template Included.



CRL's Lever Lock Housings are easy to install and come complete with Housing and Lever Lockset for 3/8" or 1/2" (10 or 12 mm) thick glass. The Entrance and Storeroom models are available with either a Schlage® 'C' 6-Pin keyway or a 7-Pin Small Format Interchangeable Core (SFIC). See page CH024 for additional information. An ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike is included.

INTERIOR	EXTERIOR	FUNCTION ANSI NUMBER	FUNCTION DESCRIPTION
		Entrance F 109	Pushing inside button locks outside trim, requiring key to unlock. Pushing and twisting button locks outside lever and always requires a key to unlatch. Inside lever always allows free egress.
		Storeroom F 86	Outside lever always locked. Key unlatches only. Inside lever always allows free egress.
		Passage F 75	Both levers are always free.
		Privacy F 76	Push button locking from inside. Lock can be opened from outside with narrow flat head screwdriver or by rotating inside lever.

CRL Cylindrical Lever Lock Code Compliances

- ANSI A156.2 Grade 1. UL10C and UBC 7.2 for Positive Pressure
- ANSI A117.1 and A.D.A. for Barrier-Free Accessibility
- C-UBC California Amended Uniform Builders Code - 2001
- NFPA-80 National Fire Protection - 1999
- NFPA101 National Fire Protection - Life Safety - 2000

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

CRL Lever Lock Housing - Entrance

GRADE 1

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH50SA	LH52SA	Satin Anodized
LH50PS	LH52PS	Polished Stainless Steel
LH50BS	LH52BS	Brushed Stainless Steel
LH50PB	LH52PB	Polished Brass
LH50DU	LH52DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH55SA	LH57SA	Satin Anodized
LH55PS	LH57PS	Polished Stainless Steel
LH55BS	LH57BS	Brushed Stainless Steel
LH55PB	LH57PB	Polished Brass
LH55DU	LH57DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Lever Lock Housing - Storeroom

GRADE 1

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH70SA	LH72SA	Satin Anodized
LH70PS	LH72PS	Polished Stainless Steel
LH70BS	LH72BS	Brushed Stainless Steel
LH70PB	LH72PB	Polished Brass
LH70DU	LH72DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH75SA	LH77SA	Satin Anodized
LH75PS	LH77PS	Polished Stainless Steel
LH75BS	LH77BS	Brushed Stainless Steel
LH75PB	LH77PB	Polished Brass
LH75DU	LH77DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



UL is a registered trademark of UL LLC.
Schlage is a registered trademark of Allegion plc.

CRL Lever Lock Housing - Passage



GRADE 1

CAT. NO.	FINISH
LH10SA	Satin Anodized
LH10PS	Polished Stainless
LH10BS	Brushed Stainless
LH10PB	Polished Brass
LH10DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

CAT. NO.	FINISH
LH15SA	Satin Anodized
LH15PS	Polished Stainless
LH15BS	Brushed Stainless
LH15PB	Polished Brass
LH15DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

CRL Lever Lock Housing - Privacy



GRADE 1

CAT. NO.	FINISH
LH40SA	Satin Anodized
LH40PS	Polished Stainless
LH40BS	Brushed Stainless
LH40PB	Polished Brass
LH40DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

CAT. NO.	FINISH
LH45SA	Satin Anodized
LH45PS	Polished Stainless
LH45BS	Brushed Stainless
LH45PB	Polished Brass
LH45DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

CRL Lever Lock Glass Keepers

MORE CHOICES crlaurence.com

USE MONOLITHIC TEMPERED GLASS

- For Use With 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes Available
- Installs Easily With Bolts; No Silicone or Cement Needed

These Glass Keepers are for use on glass panels adjacent to swinging doors using our Lever Lock Housings. They are non-handed and reversible.

NOTE: Glass cut-out is required. When used in a double door application, the door with this Glass Keeper must be secured with a lock at the bottom of the door.





CAT. NO.	FINISH
LHK1SA	Satin Anodized
LHK1PS	Polished Stainless
LHK1BS	Brushed Stainless
LHK1PB	Polished Brass
LHK1DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Lock Keepers can be combined for quantity pricing.

CRL Lever Lock Glass Keepers With Electric Strike

USE MONOLITHIC TEMPERED GLASS

- For Use With 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes Available

These Glass Keepers with Electric Strikes are special ordered and can ship within one week. The electric strike is 12V or 24V AC or DC with fail safe or fail secure options. They are non-handed and reversible.

NOTE: Glass cut-out is required. When used in a double door application, the door with this Glass Keeper must be secured with a lock at the bottom of the door.





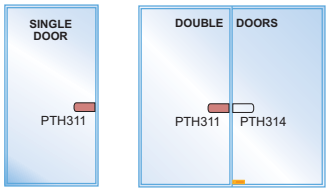
FAIL SAFE CAT. NO.	FAIL SECURE CAT. NO.	FINISH
LHE1SA	LHE2SA	Satin Anodized
LHE1PS	LHE2PS	Polished Stainless
LHE1BS	LHE2BS	Brushed Stainless
LHE1PB	LHE2PB	Polished Brass
LHE1DU	LHE2DU	Black Bronze Anodized

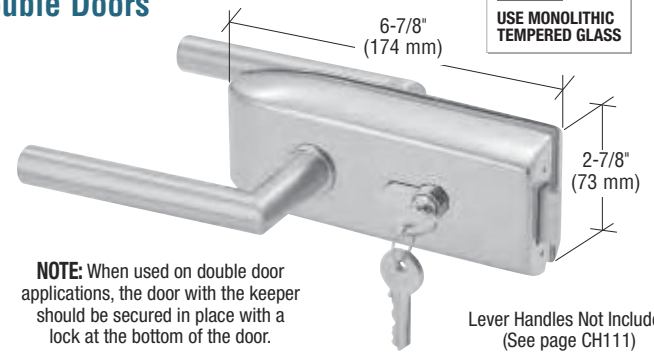
Minimum order: 1 each. All Lever Lock Keepers can be combined for quantity pricing.

CRL Glass Mounted Latch

MORE INFORMATION crlaurence.com

- Works on Single or Double Doors
- For 3/8" or 1/2" (10 or 12 mm) Glass
- Field Reversible





USE MONOLITHIC TEMPERED GLASS

NOTE: When used on double door applications, the door with the keeper should be secured in place with a lock at the bottom of the door.

Lever Handles Not Included (See page CH111)

GLASS FABRICATION REQUIRED:
Two 1-3/4" (45 mm) Holes
COMES WITH:
EC3 and EC4 Series Cylinder/Thumbturn with 3 keys each, Template, and Instructions.



Included



Cat. No. PTH300L
Replacement Latch Mechanism (Sold Separately)

CAT. NO.	FINISH
PTH311A	Clear Anodized
PTH311BR	Polished Brass
PTH311BS	Brushed Stainless
PTH311PS	Polished Stainless

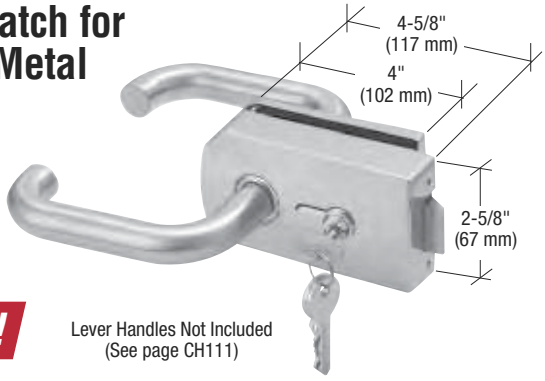
Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

The PTH311 comes assembled for use with the EC4 Keyed Cylinder on all outswing doors and on inswing doors without a PTH314 Glass Mounted Latch Keeper. When used on inswing doors with PTH314, the EC3 Extended Length Keyed Cylinder must be used.

CRL Glass Mounted Latch for Doors Locking into a Metal Frame Stop

- Works on Single Acting Doors
- For 3/8" or 1/2" (10 or 12 mm) Glass

NEW!



Lever Handles Not Included (See page CH111)



Included

GLASS FABRICATION REQUIRED:
Two 1-3/4" (45 mm) Holes
COMES WITH:
EC3 and EC4 Series Cylinder/Thumbturn with 3 keys each, Template, and Instructions.

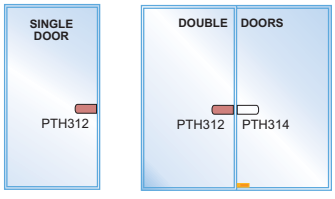
USE MONOLITHIC TEMPERED GLASS

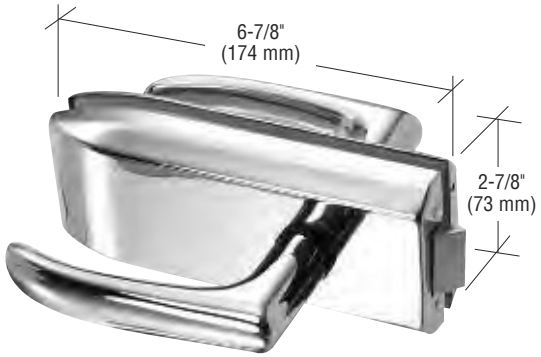
CAT. NO.	FINISH
PTH310A	Clear Anodized
PTH310BS	Brushed Stainless
PTH310PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

CRL Glass Mounted Passage Latch

- Works on Single or Double Doors
- For 3/8" or 1/2" (10 or 12 mm) Glass





NOTE: When used on double door applications, the door with the keeper should be secured in place with a lock at the bottom of the door.

Lever Handles Not Included (See page CH111)

GLASS FABRICATION REQUIRED:
Two 1-3/4" (45 mm) Holes
COMES WITH:
Template and Instructions



Included

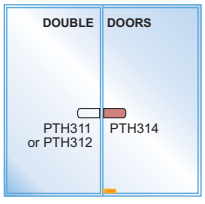
USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH
PTH312A	Clear Anodized
PTH312BR	Polished Brass
PTH312BS	Brushed Stainless
PTH312PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

CRL Glass Mounted Latch Keeper

- Works With Either Latch Above on Double Doors



NOTE: When used on double door applications, the door with the keeper should be secured in place with a lock at the bottom of the door.



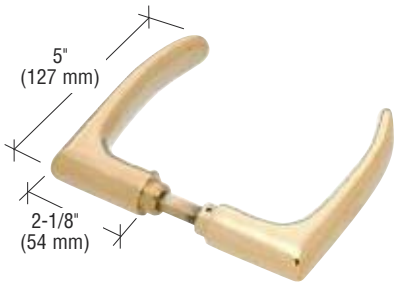
USE MONOLITHIC TEMPERED GLASS

GLASS FABRICATION REQUIRED:
Two 1-3/4" (45 mm) Holes
COMES WITH:
Template and Instructions

CAT. NO.	FINISH
PTH314A	Clear Anodized
PTH314BR	Polished Brass
PTH314BS	Brushed Stainless
PTH314PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

CRL Sculptured Style Lever Handles



MORE CHOICES
crlaurence.com

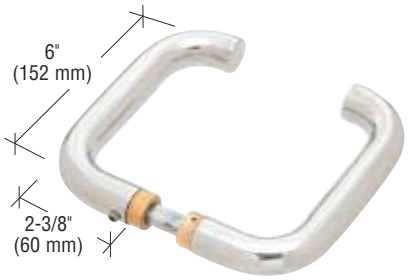
- **Available in Three Finishes**

FOR USE WITH:
PTH311 and PTH312 Glass Mounted Latch Mechanisms
INCLUDES:
Hex Wrench

CAT. NO.	FINISH
PTH303BR	Polished Brass
PTH303BS	Brushed Stainless
PTH303PS	Polished Stainless

Minimum order: 1 set. All Patch Handles can be combined for quantity pricing.

CRL Tubular Style Lever Handles



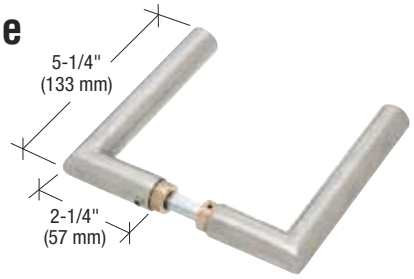
- **Available in Four Finishes**

FOR USE WITH:
PTH311 and PTH312 Glass Mounted Latch Mechanisms
INCLUDES:
Hex Wrench

CAT. NO.	FINISH
PTH302A	Satin Anodized
PTH302BR	Polished Brass
PTH302BS	Brushed Stainless
PTH302PS	Polished Stainless

Minimum order: 1 set. All Patch Handles can be combined for quantity pricing.

CRL Modern Style Lever Handles



- **Available in Three Finishes**

FOR USE WITH:
PTH311 and PTH312 Glass Mounted Latch Mechanisms
INCLUDES:
Hex Wrench

CAT. NO.	FINISH
PTH306BR	Polished Brass
PTH306BS	Brushed Stainless
PTH306PS	Polished Stainless

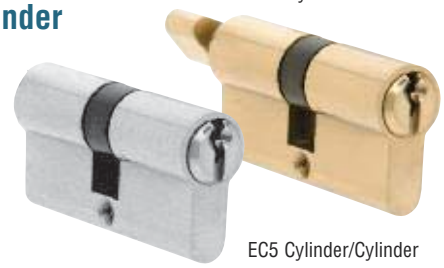
Minimum order: 1 set. All Patch Handles can be combined for quantity pricing.

CRL Extended Length Keyed Cylinders

- **Works on PTH311 Series Lever Latch Installation and Euro Style Patch Locks EUR205, EUR680, and EUR681**
- **Available in Cylinder/Thumbturn and Cylinder/Cylinder**

These Extended Length Cylinders work on a PTH311 Series Lever Latch installation in conjunction with a PTH314 Glass Mounted Latch Keeper on an inswing door. Available keyed randomly or alike.

EC3 Cylinder/Thumbturn



EC5 Cylinder/Cylinder

Includes 3 Keys and Screw

KEYED RANDOMLY CAT. NO.	KEYED ALIKE CAT. NO.	TYPE	FINISH
EC3BR	EC3BRKA	Cylinder/Thumbturn	Polished Brass
EC3BS	EC3BSKA	Cylinder/Thumbturn	Brushed Stainless
EC3PS	EC3PSKA	Cylinder/Thumbturn	Polished Stainless
EC5BR	EC5BRKA	Cylinder/Cylinder	Polished Brass
EC5BS	EC5BSKA	Cylinder/Cylinder	Brushed Stainless
EC5PS	EC5PSKA	Cylinder/Cylinder	Polished Stainless

Minimum order: 1 each. All Cylinders/Thumbturns can be combined for quantity pricing.

CRL Standard Length Keyed Cylinder With Thumbturn

- **Designed to Work in Most PTH311 Series Lever Latch Installations**
- **Available in Four Finishes**

This Standard Length Key Cylinder/Thumbturn works with all PTH311 Series Latches, except when the latch is used with a PTH314 Series Glass Mounted Latch Keeper on an inswing door. This requires the EC3 or EC5 Series Extended Length Cylinders at the left. The EC4 Series is only available keyed randomly.



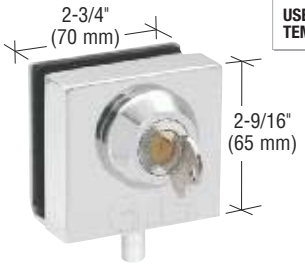
Includes 3 Keys and Screw

CAT. NO.	FINISH
EC4A	Matte Chrome
EC4BR	Polished Brass
EC4BS	Brushed Stainless
EC4PS	Polished Stainless

Minimum order: 1 each. All Cylinders/Thumbturns can be combined for quantity pricing.

CRL Deluxe Slip-On Plunger Lock for 3/8" and 1/2" Glass

This CRL Deluxe Slip-On Plunger Lock is designed for 3/8" and 1/2" (10 and 12 mm) glass, and can be installed without drilling or notching the glass. In the locked position, the plunger recesses into a spring-loaded receptacle, which is mounted into the floor. The Lock comes complete with a finished Keeper and set of three keys. Pre-numbered replacement keys sold separately.





• No Glass Fabrication Required

DELUXE SLIP-ON PLUNGER LOCKS

CAT. NO.	GLASS THICKNESS	FINISH
03P38	3/8" (10 mm)	Chrome
03P12	1/2" (12 mm)	Chrome

Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.

REPLACEMENT KEYS

CAT. NO.	DESCRIPTION
01PKEY1	Key #1 for 03P Locks
01PKEY2	Key #2 for 03P Locks
01PKEY3	Key #3 for 03P Locks
01PKEY4	Key #4 for 03P Locks

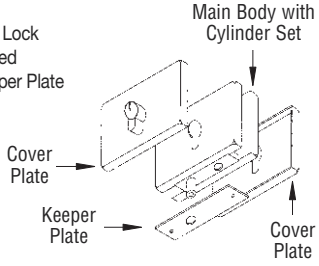
Minimum order: 1 each.

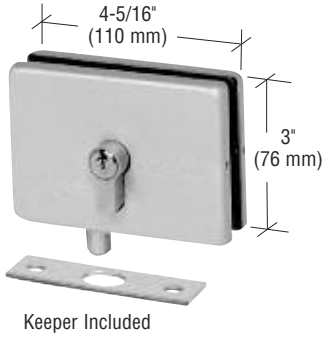
CRL European EUR Series Glass Mounted Patch Lock With Keeper Plate

For Floor and Jamb Mount Applications

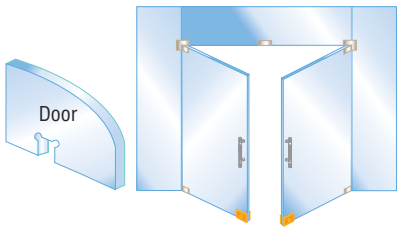
INCLUDES:
Aluminum Machined Body with Lock Mechanism and Randomly Keyed Cylinder; Cover Plates and Keeper Plate (Choice of Four Finishes); Gaskets for 3/8" (10 mm) or 1/2" (12 mm) Glass; Template and Instructions

SPECIFICATIONS:
For Use With:
Supplied Keeper Plate
Glass Fabrication Required:
One Cut-Out





This European Series Glass Mounted Patch Lock with Keeper can be mounted at the bottom of the door, or on the side of the door when used in a jamb-type installation.





CAT. NO.	FINISH
EUR680A	Satin Anodized
EUR680BR	Polished Brass
EUR680BS	Brushed Stainless
EUR680PS	Polished Stainless

Minimum order 1 each: Sold only as a complete lock. All Patch Locks can be combined for quantity pricing.

CRL European EUR Series Center Housed Patch Lock and Keeper

For Glass-to-Glass Mount Applications

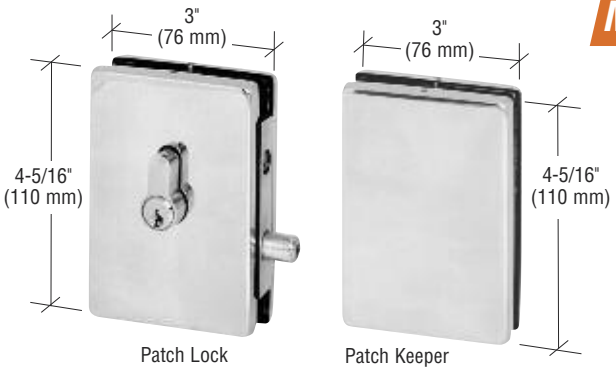
PATCH LOCK INCLUDES:
Aluminum Machined Body with Lock Mechanism and Randomly Keyed Cylinder; Cover Plates (Choice of Four Finishes); Gaskets for 3/8" (10 mm) or 1/2" (12 mm) Glass; Template and Instructions

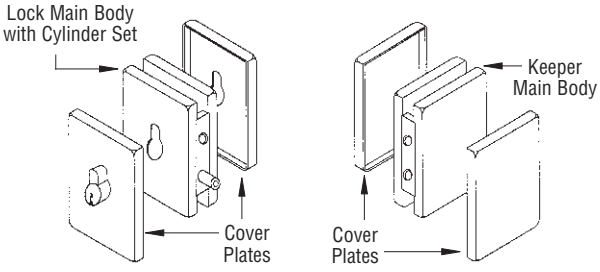
SPECIFICATIONS:
For Use With:
EUR682 Center Housed Keeper (Order Separately)
Glass Fabrication Required:
One Cut-Out

GLASS MOUNTED KEEPER INCLUDES:
Aluminum Machined Body with Keeper Hole; Cover Plates (Choice of Four Finishes); Gaskets for 3/8" (10 mm) or 1/2" (12 mm) Glass; Template and Instructions

SPECIFICATIONS:
For Use With:
EUR681 European Center Housed Patch Lock (Order Separately)
Glass Fabrication Required:
One Cut-Out

NOTE: An additional Lock is required at the bottom of one door in double door installations.

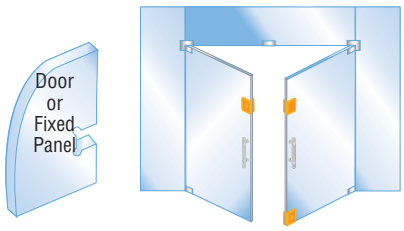




The European Series Glass Mounted Patch Lock and Glass Mounted Keeper are designed to be used in glass-to-glass type applications. The Lock and Keeper can be used on double glass doors, or on a door and fixed glass panel. Patch Lock and Keeper must be ordered separately.

MORE INFORMATION crlaurence.com





GLASS MOUNTED PATCH LOCK

CAT. NO.	FINISH
EUR681A	Satin Anodized
EUR681BR	Polished Brass
EUR681BS	Brushed Stainless
EUR681PS	Polished Stainless

Minimum order 1 each: All Patch Locks can be combined for quantity pricing.

GLASS MOUNTED PATCH KEEPER

CAT. NO.	FINISH
EUR682A	Satin Anodized
EUR682BR	Polished Brass
EUR682BS	Brushed Stainless
EUR682PS	Polished Stainless

Minimum order 1 each: All Patch Locks can be combined for quantity pricing.

CRL Deluxe Slip-On Patch Lock for 3/8" or 1/2" Glass

• Does Not Require Glass Fabrication

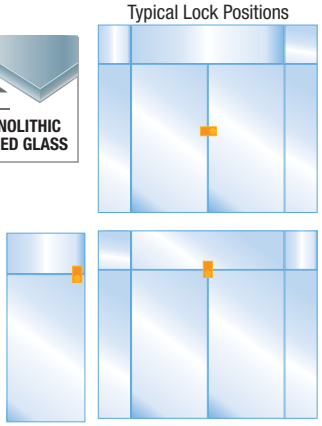
This CRL Deluxe Slip-On Patch Lock slips onto 3/8" or 1/2" (10 or 12 mm) glass and affords ease of installation, removal and security, without the necessity of a permanent patch lock. Lock is accessed from one side only by keyed cylinder. Removal of Lock during business hours provides a visually aesthetic frameless appearance. Easy slip-on feature means no glass fabrication is required. Lock is provided with three keys, keyed randomly. Pre-numbered replacement keys sold separately.

SPECIFICATIONS:
For Use With: 3/8" or 1/2" (10 or 12 mm) Glass Doors
Recommended Gap Between Panels: 3/16" (5 mm)



USE MONOLITHIC TEMPERED GLASS

Typical Lock Positions



Measures:
4-3/4" (120 mm) Wide x
2-3/4" (70 mm) High



There is no need to put a hole in the glass or have any additional work done. Simply remove the cover plate and slide the double gasketed portion onto the fixed panel. The ribbed rubber lining creates suction, holding the lock firmly to the glass.



Close the second leaf or panel of the door. Put the second piece of the lock on. Make the bolt slide by using the key so that the lock fits perfectly and closes tightly.



With the CRL Deluxe Patch Lock you will have absolute safety when locking up. It is extremely easy to install anywhere along the door, even if it's a two or three leaf glass door.

DELUXE SLIP-ON PATCH LOCK

CAT. NO.	GLASS THICKNESS	FINISH
01P38	3/8" (10 mm)	Chrome
01P12	1/2" (12 mm)	Chrome

Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.

REPLACEMENT KEYS

CAT. NO.	DESCRIPTION
01PKEY1	Key #1 for 01P Locks
01PKEY2	Key #2 for 01P Locks
01PKEY3	Key #3 for 01P Locks
01PKEY4	Key #4 for 01P Locks

Minimum order: 1 each.

CRL Glass Mounted Slip-On Patch Lock for 3/8" or 1/2" Glass

MORE INFORMATION crlaurence.com

• No Glass Fabrication Required

INCLUDES:
Lock Housing (Brass or Chrome Finish);
Three Keys; Gaskets and Instructions

SPECIFICATIONS :
For Use With: 3/8" or 1/2" (10 or 12 mm) Glass Doors
Recommended Gap Between Panels: 3/16" (5 mm)



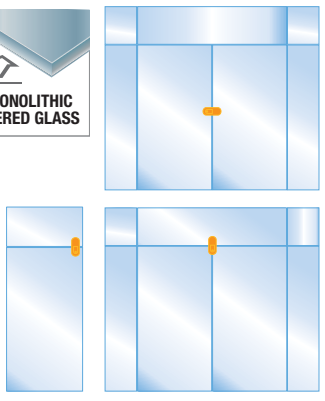


The Glass Mounted Slip-On Patch Lock affords ease of installation, and security without the necessity of a permanent patch lock. This lock can be used as a primary lock, and also in conjunction with a floor lock for extra security. Lock is accessed from one side only by keyed cylinder. Removal of lock during business hours provides a visually aesthetic frameless appearance. Easy slip-on feature means glass fabrication is not required. Lock is provided with three keys. Blank keys are available, and can be cut by a locksmith to match existing keys.

Remove it in the morning, put it back on in moments at night for absolute safety.

USE MONOLITHIC TEMPERED GLASS

Typical Lock Positions



Measures:
5-1/2" (139 mm) Wide x
3-1/4" (82 mm) High



There is no need to put a hole in the glass or have any additional work done. Simply remove the cover plate and slide the double gasketed portion onto the fixed panel. The ribbed rubber lining creates suction,holding the lock firmly to the glass.



Close the second leaf or panel of the door. Put the second piece of the lock on. Make the bolt slide by using the key so that the lock fits perfectly and closes tightly.



With the CRL Slip-On Lock you will have absolute safety when locking up. It is extremely easy to install anywhere along the door, even if it's a two or three leaf glass door.

GLASS MOUNTED SLIP-ON PATCH LOCK

CAT. NO.	GLASS THICKNESS	FINISH
1NT685BR	3/8" (10 mm)	Brass
1NT685CH	3/8" (10 mm)	Chrome
1NT686BR	1/2" (12 mm)	Brass
1NT686CH	1/2" (12 mm)	Chrome

Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.

REPLACEMENT KEY

CAT. NO.	DESCRIPTION
SL1PKEY	Blank Key for Slip-On Lock

Minimum order: 1 each.

CRL Frameless Storefront and Entrance Patch Hardware

MORE INFORMATION
crlaurence.com

- An Excellent Choice for 'All-Glass' Entrances
- Provides Frameless Storefront Appearance for Unobstructed Display of Merchandise
- Allows Combination of Aesthetics and Versatility
- A Complete Selection of Products Including Patch Fittings, Inserts and Pivots, Lever Locks and Latches, Concealed Overhead and Floor Closers, Door Handles, and Many More Accessories



Seizing That 1-1/2 Seconds of Opportunity...

According to national statistics, the average merchant has only 1-1/2 seconds to attract a passing customer into his/her business. Through attractive window displays of trendy or proprietary products that fit a business, you increase the odds that the passing customer will enter. Just as important is the presentation, or how the customer is able to view the display unobstructed, without clutter and distraction to detract from the merchandise.

A standard aluminum framed storefront system consists of vertical and horizontal extrusions that distract the eye from the merchandise displayed. A storefront system using Patch Hardware has minimal distractions, and creates an almost frameless appearance. The result is customer concentration on the merchandise, not the surrounding glass support system. C.R. Laurence offers a variety of Patch Hardware to make this state of the art glazing system available to the storefront industry. CRL's commitment to our customers is to carry sufficient inventories of popular stock items, and short lead times for special orders. It is a total program that will allow your entry into the frameless storefront or 'all-glass' entrance market.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send e-mail through our web site at **crlaurence.com/support**.

Common Applications:

- Mall Fronts
- Retail Outlets
- Hotels
- Arenas and Museums
- Professional Office Buildings
- Restaurants and Clubs







TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM





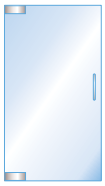


Popular Door Configurations

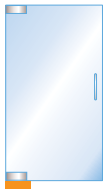
For additional information go to **crlaurence.com/patch-hardware**.

MORE INFORMATION
crlaurence.com

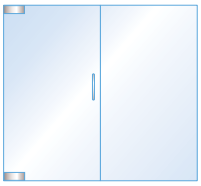
USE MONOLITHIC TEMPERED GLASS



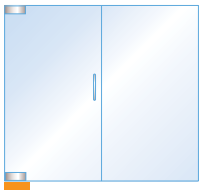
Single Door With Top and Bottom Pivots



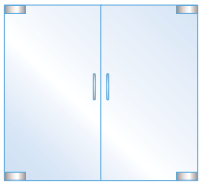
Single Door With Floor Closer



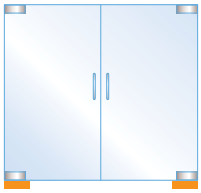
Single Door and Sidelite With Top and Bottom Pivots



Single Door and Sidelite With Floor Closer



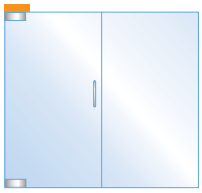
Paired Doors With Top and Bottom Pivots



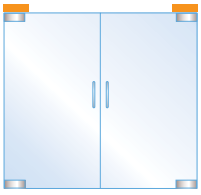
Paired Doors With Floor Closers



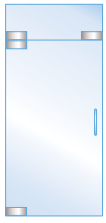
Single Door With Concealed Overhead Closer



Single Door and Sidelite With Concealed Overhead Closer



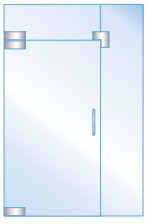
Paired Doors With Concealed Overhead Closers



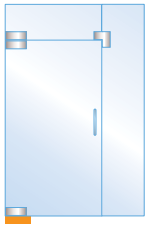
Single Door and Transom With Top and Bottom Pivots



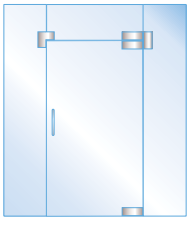
Single Door and Transom With Floor Closer



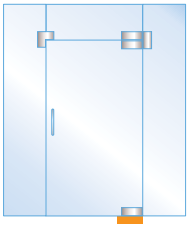
Single Door, Transom and Sidelite With Top and Bottom Pivots



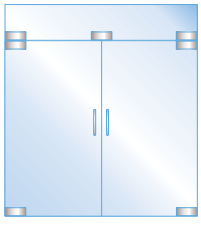
Single Door, Transom and Sidelite With Floor Closer



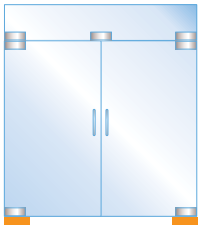
Single Door, Transom and Sidelites With Top and Bottom Pivots



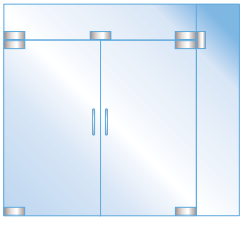
Single Door, Transom and Sidelites With Floor Closer



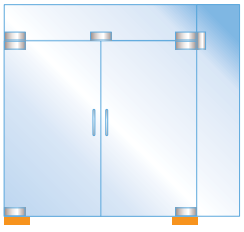
Paired Doors and Transom With Top and Bottom Pivots



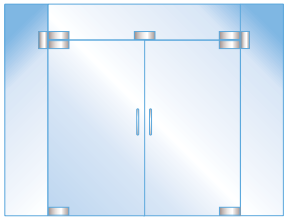
Paired Doors and Transom With Floor Closers



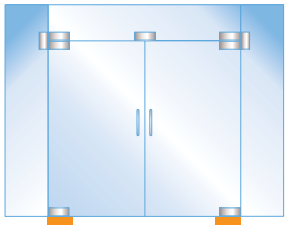
Paired Doors, Transom and Sidelite With Top and Bottom Pivots



Paired Doors, Transom and Sidelite With Floor Closers



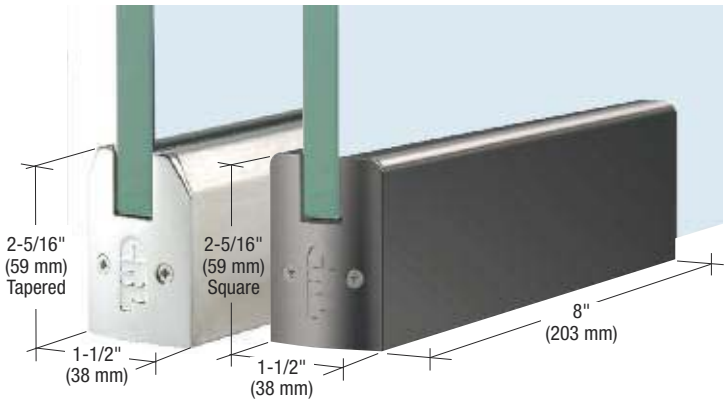
Paired Doors, Transom and Sidelites With Top and Bottom Pivots



Paired Doors, Transom and Sidelites With Floor Closers

CRL Heavy-Duty Dry Glaze Low Profile Patch Door Rails

- For 3/8" or 1/2" (10 or 12 mm) Glass





Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

MORE INFORMATION crlaurence.com

MODEL NEW!

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Available in Six Standard Architectural Finishes, With Custom Finishes Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:
- End Caps are included with all Low Profile Patch Door Rails.
- All Low Profile Patch Door Rail Pivot Inserts Shown Below (sold separately).
- For Replacement End Caps, go to crlaurence.com/patch-hardware.
- For Handles see pages CH087-CH096.

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

TAPERED LOW PROFILE PATCH DOOR RAILS
8" (203 MM) LENGTH - STOCK MODELS READY TO SHIP

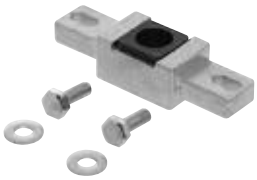
3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR2TSA38P	DR2TSA38PL	DR2TSA12P	DR2TSA12PL	Satin Anodized
DR2TDU38P	DR2TDU38PL	DR2TDU12P	DR2TDU12PL	Black Bronze Anodized
DR2TBL38P	DR2TBL38PL	DR2TBL12P	DR2TBL12PL	Black Powder Coat
DR2TBS38P	DR2TBS38PL	DR2TBS12P	DR2TBS12PL	*Brushed Stainless
DR2TPS38P	DR2TPS38PL	DR2TPS12P	DR2TPS12PL	*Polished Stainless
DR2TPB38P	DR2TPB38PL	DR2TPB12P	DR2TPB12PL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.

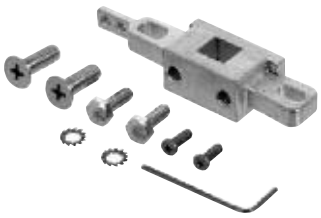
SQUARE LOW PROFILE PATCH DOOR RAILS FOR
8" (203 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR2SSA38P	DR2SSA38PL	DR2SSA12P	DR2SSA12PL	Satin Anodized
DR2SDU38P	DR2SDU38PL	DR2SDU12P	DR2SDU12PL	Black Bronze Anodized
DR2SBL38P	DR2SBL38PL	DR2SBL12P	DR2SBL12PL	Black Powder Coat
DR2SBS38P	DR2SBS38PL	DR2SBS12P	DR2SBS12PL	*Brushed Stainless
DR2SPS38P	DR2SPS38PL	DR2SPS12P	DR2SPS12PL	*Polished Stainless
DR2SPB38P	DR2SPB38PL	DR2SPB12P	DR2SPB12PL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.



CAT. NO. 1NT703
Top Pivot Insert



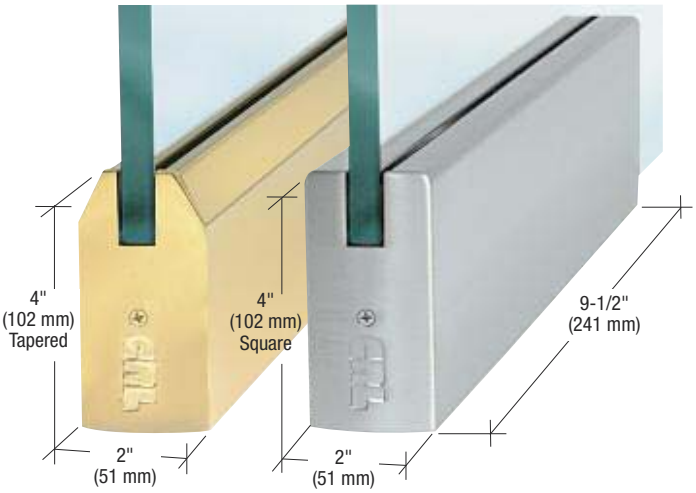
CAT. NO. 1NT704
Top Closer Insert



CAT. NO. 1NT701
Bottom Pivot Insert

CRL Heavy-Duty Dry Glaze 9-1/2" Patch Door Rails

- For 3/8" or 1/2" (10 or 12 mm) Glass





Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

MORE MODELS crlaurence.com

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Six Standard Architectural Finishes, With Custom Finishes Available in 3-5 Days
- Matching Sidelite Rails Available

ORDERING INFORMATION:

- All Door Rails are supplied with standard Kwik-Adjust™ Pivot Alignment System. Closer Arms and Floor or Overhead Pivots must be ordered separately.
- Models with Locks are supplied with the Lock Mechanism installed. Matching finish Keyed Cylinders or Thumbturns must be ordered separately.
- End Caps are included on 9-1/2" (241 mm) Patch Door Rails.
- For Replacement End Caps, go to crlaurence.com/patch-hardware.
- For Handles see pages CH087-CH096.
- For 3/4" (19 mm) Heavy-Duty Dry Glaze Patch Door Rails see page CH023.

USE MONOLITHIC TEMPERED GLASS

ARCH. SPEC. ONLINE

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.

4" TAPERED PATCH DOOR RAILS 9-1/2" (241 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4TSA38P	DR4TSA38PL	DR4TSA12P	DR4TSA12PL	Satin Anodized
DR4TDU38P	DR4TDU38PL	DR4TDU12P	DR4TDU12PL	Black Bronze Anodized
DR4TBL38P	DR4TBL38PL	DR4TBL12P	DR4TBL12PL	Black Powder Coat
DR4TBS38P	DR4TBS38PL	DR4TBS12P	DR4TBS12PL	*Brushed Stainless
DR4TPS38P	DR4TPS38PL	DR4TPS12P	DR4TPS12PL	*Polished Stainless
DR4TPB38P	DR4TPB38PL	DR4TPB12P	DR4TPB12PL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.



4" Tapered

4" SQUARE PATCH DOOR RAILS 9-1/2" (241 MM) LENGTH - STOCK MODELS READY TO SHIP

3/8" (10 MM) GLASS WITHOUT LOCK CAT. NO.	3/8" (10 MM) GLASS WITH LOCK CAT. NO.	1/2" (12 MM) GLASS WITHOUT LOCK CAT. NO.	1/2" (12 MM) GLASS WITH LOCK CAT. NO.	FINISH
DR4SSA38P	DR4SSA38PL	DR4SSA12P	DR4SSA12PL	Satin Anodized
DR4SDU38P	DR4SDU38PL	DR4SDU12P	DR4SDU12PL	Black Bronze Anodized
DR4SBL38P	DR4SBL38PL	DR4SBL12P	DR4SBL12PL	Black Powder Coat
DR4SBS38P	DR4SBS38PL	DR4SBS12P	DR4SBS12PL	*Brushed Stainless
DR4SPS38P	DR4SPS38PL	DR4SPS12P	DR4SPS12PL	*Polished Stainless
DR4SPB38P	DR4SPB38PL	DR4SPB12P	DR4SPB12PL	*Polished Brass

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish.



4" Square

CRL North American Patch Door Kits

- For 3/8" or 1/2" (10 or 12 mm) Glass
- With or Without Locks

PHA1 North American Patch Door Kits come with all the hardware to complete a single free swinging door (except the glass). Pivot setback is 2-3/4" (70 mm). Floor closers with tapered spindles (ordered separately) may be used with these Kits.

Each Kit contains: one each PH20A Top Door Patch, one each PH10C Bottom Door Patch, one each 1NT401 Top Pivot, one each 1NT403 Bottom Pivot, and gaskets for 3/8" or 1/2" (10 or 12 mm) tempered glass. Holes and notches are required in the glass.

Kits with Lock also come with one each AMR205 Patch Lock. Cylinders, Thumbturns, and Keepers are ordered separately. Visit **crlaurence.com/patch-hardware** for additional information. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines.



Single Door With Top and Bottom Pivots





PH20A
Top Door Patch



Single Door With Top and Bottom Pivots and an AMR205 Patch Lock



PH10C
Bottom Door Patch



AMR205
Patch Lock*

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA1A	PHA1LA	Satin Anodized
PHA1DU	PHA1LDU	Black Bronze Anodized
PHA1BR	PHA1LBR	Polished Brass
PHA1BS	PHA1LBS	Brushed Stainless
PHA1PS	PHA1LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.



1NT401
Top Pivot



1NT403
Bottom Pivot

CRL North American Patch Door Kits for Use With Overhead Door Closers

- Adjustable Top Fitting
- Five Architectural Finishes
- Door Closer Not Included

MORE CHOICES
crlaurence.com

PHA2 North American Patch Door Kits come with all the hardware to complete a single door (except the overhead closer and glass). Pivot setback is 2-3/4" (70 mm). The Top Patch Fitting (PH20C) is adjustable after the door is installed. Overhead door closer must be ordered separately.

Each Kit contains: one each PH20C Adjustable Top Door Patch, one each PH10C Bottom Door Patch, one each 1NT403 Bottom Pivot, and gaskets for 3/8" or 1/2" (10 or 12 mm) tempered glass. Holes and notches are required in the glass.

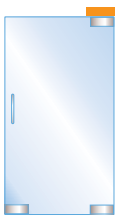
Kits with Lock also come with one each AMR205 Patch Lock. Cylinders, Thumbturns, and Keepers are ordered separately. Visit **crlaurence.com/patch-hardware** for additional information. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines.



Single Door With Concealed Overhead Closer



PH20C
Adjustable Top Door Patch



Single Door With Concealed Overhead Closer and an AMR205 Patch Lock



PH10C
Bottom Door Patch



AMR205
Patch Lock*

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA2A	PHA2LA	Satin Anodized
PHA2DU	PHA2LDU	Black Bronze Anodized
PHA2BR	PHA2LBR	Polished Brass
PHA2BS	PHA2LBS	Brushed Stainless
PHA2PS	PHA2LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.





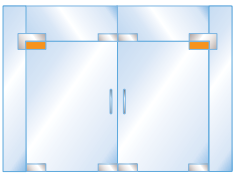
1NT403
Bottom Pivot

CRL North American Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-3/4" (70 mm) Pivot Setback

MORE CHOICES crlaurence.com

USE MONOLITHIC TEMPERED GLASS





1NT303 Insert
(Included)



1NT303R Insert
(order separately) for Rixson 340 Center Hung Walking Beam Pivot 1/2" (13 mm) Pin



GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter Hole and Corner Notch

COMES WITH:
Template and Instructions

Do Not Use With:
PH42L, PH42R, PH43L or PH43R Transom Patch Fittings. They Require European Door Patch Fitting PH21A.

For Use With:



PH34
Wall Mounted Transom Patch



PH40
Sidelite Transom Patch

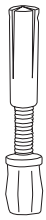


PH41
Sidelite Transom Patch

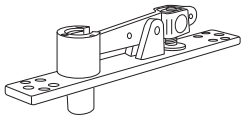


PH51
Double Transom Patch

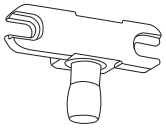
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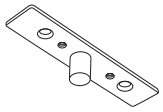
1NT405
Threaded Top Pivot



CRL9040WBP
Walking Beam Pivot



1NT300
Top Pivot Insert



1NT401
Surface Mounted Top Pivot

COMPLETE TOP DOOR PATCH FITTING

CAT. NO.	FINISH
PH20AA	Satin Anodized
PH20ADU	Black Bronze Anodized
PH20ABR	Polished Brass
PH20ABS	Brushed Stainless
PH20APS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

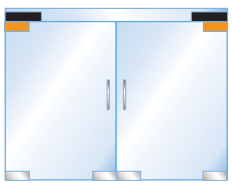
CRL North American Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-3/4" (70 mm) Pivot Setback
- For Use With Overhead Concealed Door Closers



1NT304 Insert
(Included)

USE MONOLITHIC TEMPERED GLASS





GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter Hole and Corner Notch

COMES WITH:
Template and Instructions

CAT. NO.	FINISH
PH20BA	Satin Anodized
PH20BDU	Black Bronze Anodized
PH20BBR	Polished Brass
PH20BBS	Brushed Stainless
PH20BPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

Do Not Use With:
European 2-9/16" (65 mm) Pivot Setback Overhead Concealed Door Closers. They Require European Door Patch Fitting PH21C.

Works With:

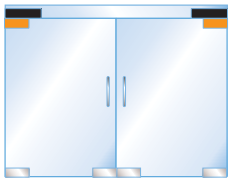


North American Pivot Setback 2-3/4" (70 mm) Concealed Overhead Door Closers With 9/16" (14 mm) Square Spindle like Cat. No. 20104M01

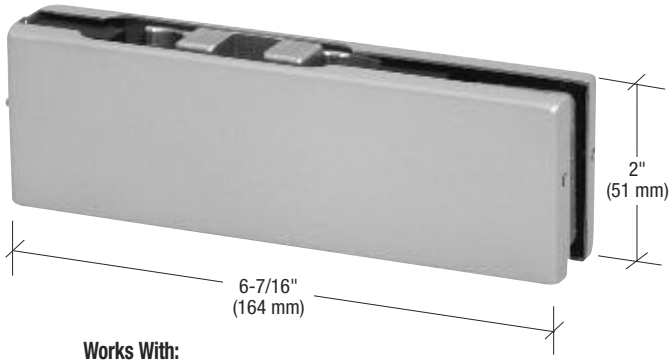
CRL Adjustable North American Top Door Patch Fitting

MORE CHOICES crlaurence.com





- For 3/8" or 1/2" (10 or 12 mm) Glass
- Adjustable Pivot Insert Allows Three Degrees Movement for Proper Door Alignment
- 2-3/4" (70 mm) Pivot Setback



GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

CAT. NO.	FINISH
PH20CA	Satin Anodized
PH20CDU	Black Bronze Anodized
PH20CBR	Polished Brass
PH20CBS	Brushed Stainless
PH20CPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

Works With:



North American Pivot Setback 2-3/4" (70 mm) Concealed Overhead Door Closers With 9/16" (14 mm) Square Spindle like Cat. No. 20104M01

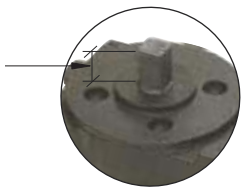
DO NOT USE WITH:
European 2-9/16" (65 mm) Pivot Setback Overhead Concealed Door Closers. They Require European Door Patch Fitting PH21C.

CRL Overhead Concealed Door Closers for Patch Fittings

- Extended 3/4" (19 mm) Long Spindle for Patch Fittings
- See Our Overhead Concealed Door Closers for Patch Fittings on Page CH171
- UL Listed



Extended Length Spindle
3/4" (19 mm) Length Spindle for use with Patch Fittings and Door Rail Hardware or when extra reach is needed.



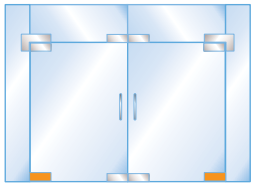


UL is a registered trademark of UL LLC.

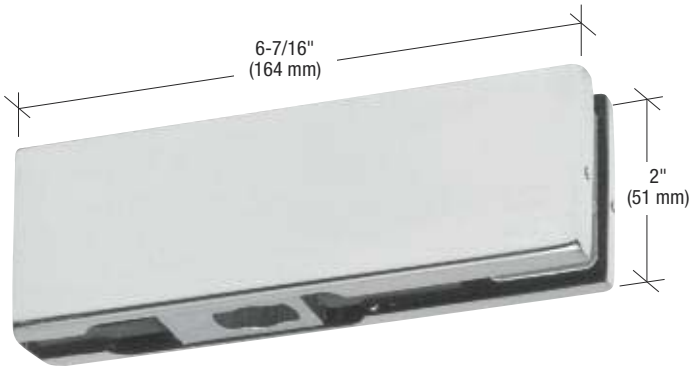
CRL North American Bottom Door Patch Fitting

MORE CHOICES crlaurence.com

USE MONOLITHIC TEMPERED GLASS



- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-3/4" (70 mm) Pivot Setback





1NT301 Insert
(Included)

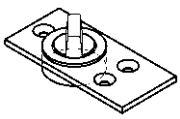
GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

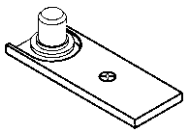
CAT. NO.	FINISH
PH10CA	Satin Anodized
PH10CDU	Black Bronze Anodized
PH10CBR	Polished Brass
PH10CBS	Brushed Stainless
PH10CPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

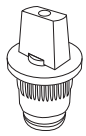
Works With:



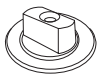
1NT402
Bottom
Free-Swinging Pivot



1NT403
Adjustable Bottom
Free-Swinging Pivot



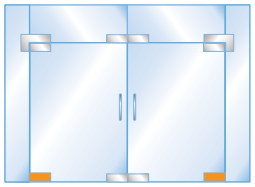
1NT406
Adjustable Bottom
Free-Swinging Pivot



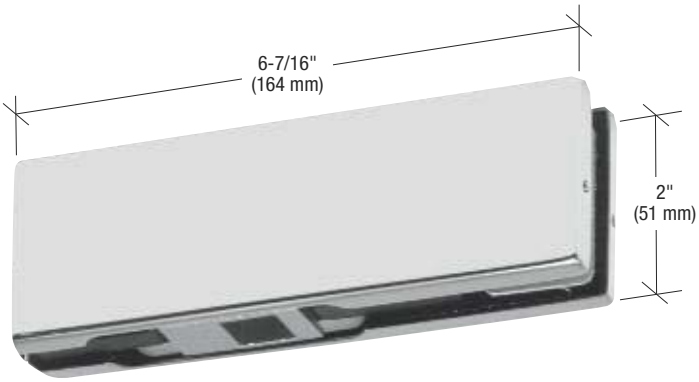
CRL8300, CRL8400,
CRL8500, and J990 Series
Floor Closers

CRL North American Bottom Door Patch Fitting

USE MONOLITHIC TEMPERED GLASS



- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-3/4" (70 mm) Pivot Setback





1NT302 Insert
(Included)

GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

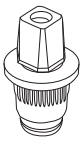
CAT. NO.	FINISH
PH10DA	Satin Anodized
PH10DDU	Black Bronze Anodized
PH10DBR	Polished Brass
PH10DBS	Brushed Stainless
PH10DPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

Works With:



Floor Closers With Casma (Speedy)
Tapered Square Spindle like
CRL9050S Series Spindles,
see page CH179.

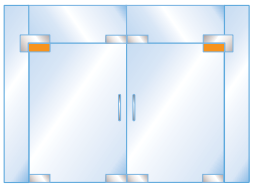


1NT404
Adjustable Bottom
Free-Swinging Pivot

CRL European Top Door Patch Fitting

MORE CHOICES crlaurence.com





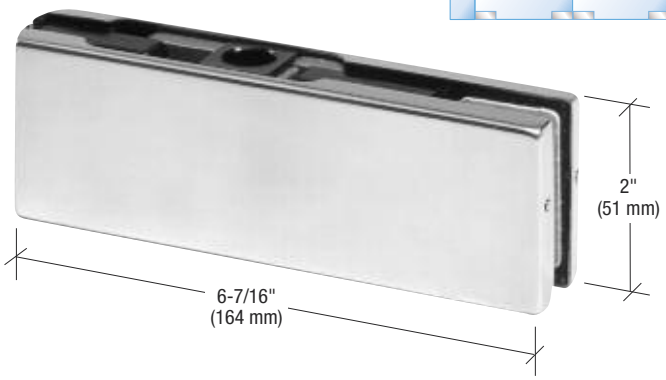
- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-9/16" (65 mm) Pivot Setback



1NT303 Insert
(Included)



1NT303R Insert
(order separately) for Rixson 340
Center Hung Walking Beam Pivot
1/2" (13 mm) Pin



GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

For Use With:



PH40
Transom Patch



PH34
Transom Patch



PH41
Transom Patch



PH42
Transom Patch

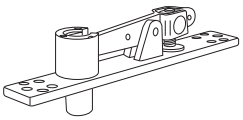


PH51
Transom Patch

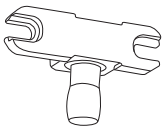
CAT. NO.	FINISH
PH21AA	Satin Anodized
PH21ADU	Black Bronze Anodized
PH21ABR	Polished Brass
PH21ABS	Brushed Stainless
PH21APS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

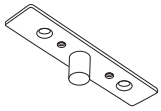
Works With:



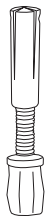
CRL9040WBP
Walking Beam Pivot



1NT300
Top Pivot Insert



1NT401
Surface Mounted Top Pivot

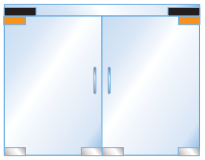


1NT405
Threaded Top Pivot

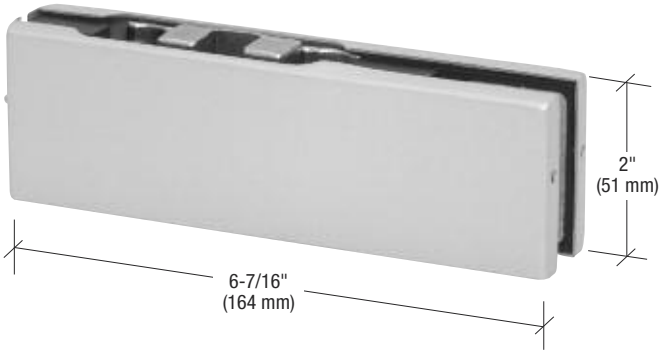
CRL Adjustable European Top Door Patch Fitting

MORE INFORMATION crlaurence.com





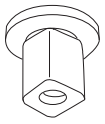
- For 3/8" or 1/2" (10 or 12 mm) Glass
- Adjustable Pivot Insert Allows Three Degrees Movement for Proper Door Alignment
- 2-9/16" (65 mm) Pivot Setback



GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

Works With:



European 2-9/16" (65 mm)
Pivot Setback Overhead
Concealed Door Closers With
9/16" (14 mm) Square
Spindle like
Cat. No. 20104M01

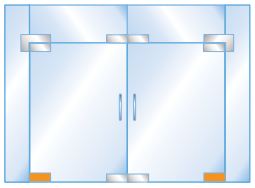
CAT. NO.	FINISH
PH21CA	Satin Anodized
PH21CDU	Black Bronze Anodized
PH21CBR	Polished Brass
PH21CBS	Brushed Stainless
PH21CPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

CRL European Bottom Door Patch Fitting

MORE INFORMATION
crlaurence.com

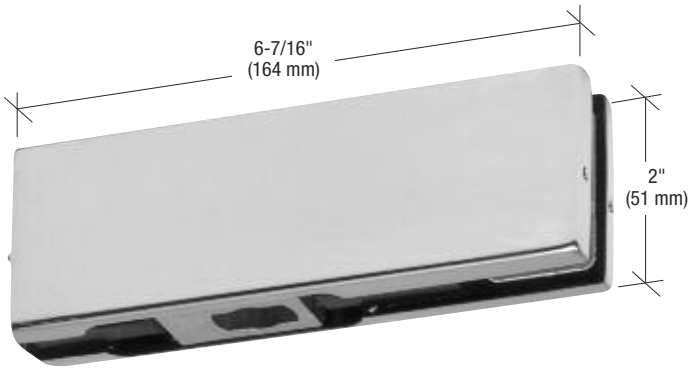




- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-9/16" (65 mm) Pivot Setback



1NT301 Insert
(Included)



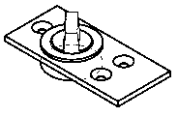
GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

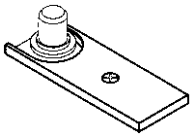
CAT. NO.	FINISH
PH11CA	Satin Anodized
PH11CDU	Black Bronze Anodized
PH11CBR	Polished Brass
PH11CBS	Brushed Stainless
PH11CPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

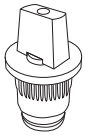
Works With:



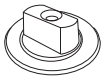
1NT402
Bottom
Free-Swinging Pivot



1NT403
Adjustable Bottom
Free-Swinging Pivot



1NT406
Adjustable Bottom
Free-Swinging Pivot

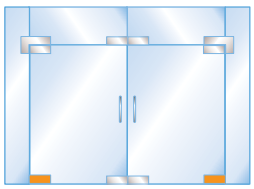


CRL8300, CRL8400, CRL8500, and J990 Series Floor Closers

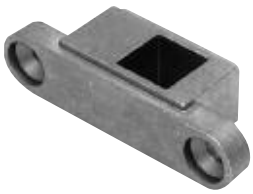
CRL European Bottom Door Patch Fitting

MORE CHOICES
crlaurence.com

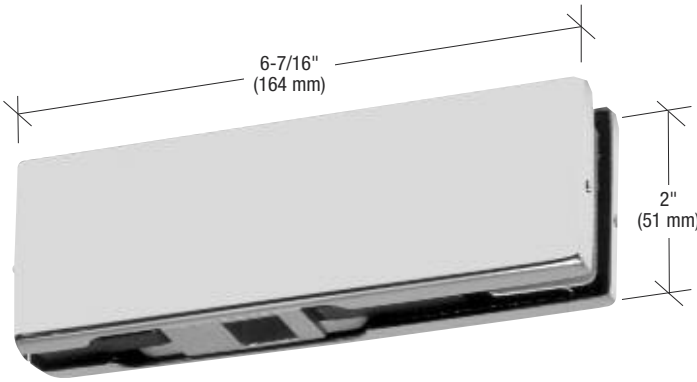




- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-9/16" (65 mm) Pivot Setback



1NT302 Insert
(Included)



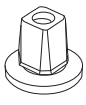
GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

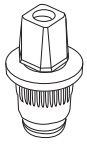
CAT. NO.	FINISH
PH11DA	Satin Anodized
PH11DBR	Polished Brass
PH11DBS	Brushed Stainless
PH11DPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

Works With:



Floor Closers With Casma (Speedy) Tapered Square Spindle like CRL9050S Series Spindles, see page CH179.



1NT404
Adjustable Bottom
Free-Swinging Pivot

CRL Wall Mounted Transom Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Glass
- Works With Both 2-3/4" (70 mm) and 2-9/16" (65 mm) Pivot Setback Door Patch Fittings

GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch
COMES WITH:
Template and Instructions
NOTE: If the weight of the transom exceeds 100 lbs. (45.4 kg), the transom must be supported from the ceiling instead. Contact Technical Sales for more information.

CAT. NO.	FINISH
PH34A	Satin Anodized
PH34DU	Black Bronze Anodized
PH34BR	Polished Brass
PH34BS	Brushed Stainless
PH34PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

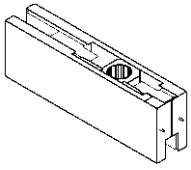
Works With:



1NT306
Stop Insert



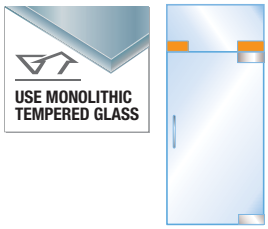
AMR305
Keeper Insert

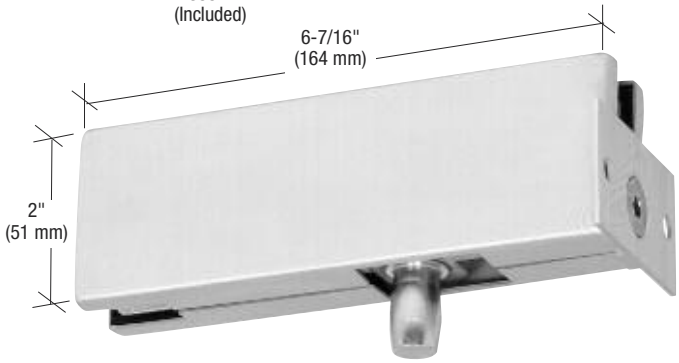


PH20A or **PH21A**
Top Door Patches



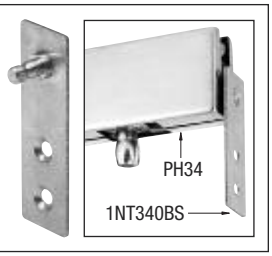
1NT300 Insert
(Included)





Optional Mounting Bracket:
Replaces standard Wall Mounting Plate and is concealed on hinge side when door is installed.

CAT. NO.
1NT340BS



CRL Sidelite Mounted Transom Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Glass
- Works With Both 2-3/4" (70 mm) and 2-9/16" (65 mm) Pivot Setback Door Patch Fittings

GLASS FABRICATION REQUIRED:
Three 3/4" (19 mm) Diameter
Holes and Corner Notch
COMES WITH:
Template and Instructions
NOTE: If the weight of the transom exceeds 100 lbs. (45.4 kg), the transom must be supported from the ceiling instead. Contact Technical Sales for more information.

CAT. NO.	FINISH
PH40A	Satin Anodized
PH40DU	Black Bronze Anodized
PH40BR	Polished Brass
PH40BS	Brushed Stainless
PH40PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page CH132.

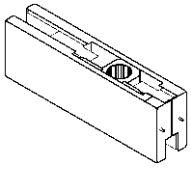
Works With:



1NT306
Stop Insert



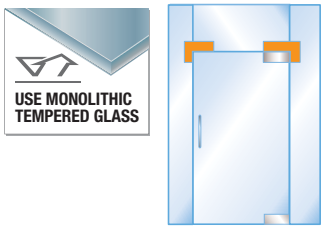
AMR305
Keeper Insert

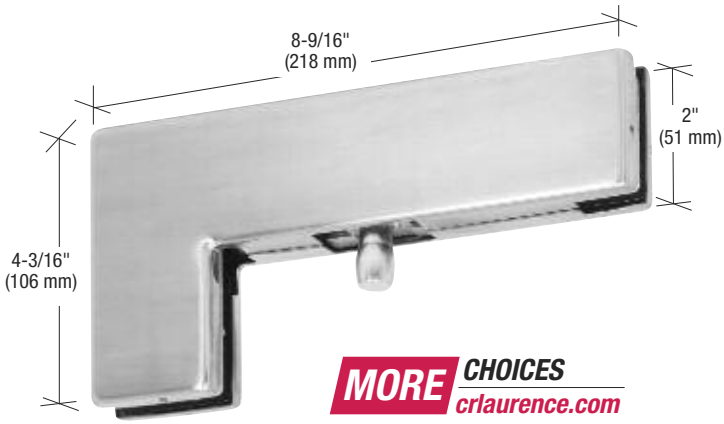


PH20A or **PH21A**
Top Door Patches



1NT300 Insert
(Included)





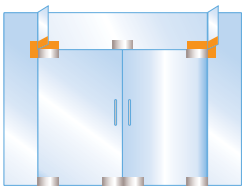
MORE CHOICES
crlaurence.com

CRL Sidelite Mounted Transom Patch With Support Fin Bracket

MORE CHOICES crlaurence.com

- For 3/8" or 1/2"(10 or 12 mm) Glass
- Works With Both 2-3/4" (70 mm) and 2-9/16" (65 mm) Pivot Setback Door Patch Fittings
- Left and Right Handed

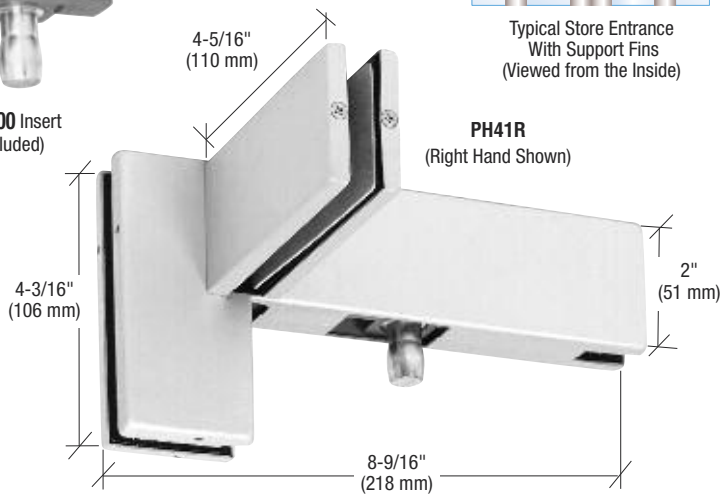
USE MONOLITHIC TEMPERED GLASS



Typical Store Entrance With Support Fins (Viewed from the Inside)



1NT300 Insert (Included)



PH41R
(Right Hand Shown)

Works With:



AMR305
Keeper Insert



1NT306
Stop Insert

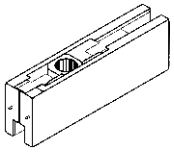


PH94
Ceiling Mounted Support Fin Bracket

GLASS FABRICATION REQUIRED:
Five 3/4" (19 mm) Diameter Holes and Two Corner Notches

COMES WITH:
Template and Instructions

NOTE: If the weight of the transom exceeds 100 lbs. (45.4 kg), the transom must be supported from the ceiling instead. Contact Technical Sales for more information.



PH20A and **PH21A**
Top Door Patches

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
PH41LA	PH41RA	Satin Anodized
PH41LDU	PH41RDU	Black Bronze Anodized
PH41LBR	PH41RBR	Polished Brass
PH41LBS	PH41RBS	Brushed Stainless
PH41LPS	PH41RPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

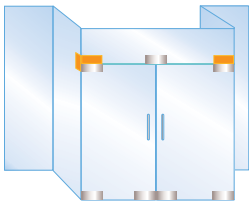
CRL 90 Degree Sidelite Mounted Transom Patch Fitting

- For 3/8" and 1/2" (10 and 12 mm) Glass
- Works With 2-9/16" (65 mm) Pivot Setback Door Patch Fittings
- Left and Right Handed

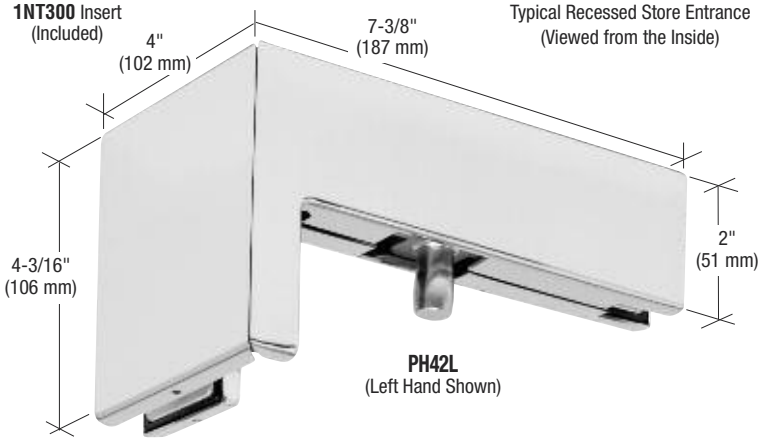


1NT300 Insert (Included)

USE MONOLITHIC TEMPERED GLASS

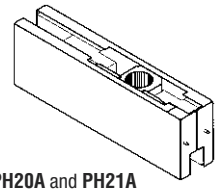


Typical Recessed Store Entrance (Viewed from the Inside)



PH42L
(Left Hand Shown)

Works With:



PH20A and **PH21A**
Top Door Patch

GLASS FABRICATION REQUIRED:
Three 3/4" (19 mm) Diameter Holes and One Corner Notch; Door and Panels Flat Polished; No Miters Required.

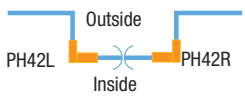
COMES WITH:
Template and Instructions

NOTE: If the weight of the transom exceeds 100 lbs. (45.4 kg), the transom must be supported from the ceiling instead. Contact Technical Sales for more information.

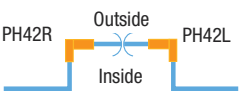
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
PH42LA	PH42RA	Satin Anodized
PH42LBR	PH42RBR	Polished Brass
PH42LBS	PH42RBS	Brushed Stainless
PH42LPS	PH42RPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

Top View as Illustrated Above



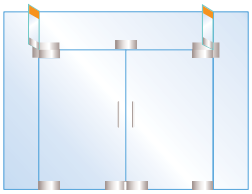
Top View Opposite from Illustration Above



CRL Ceiling Mounted Support Fin Bracket and Cover Plates

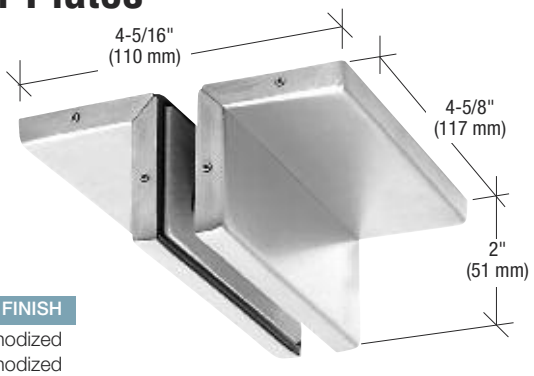
MORE CHOICES crlaurence.com





- **For 3/8" or 1/2" (10 or 12 mm) Glass**

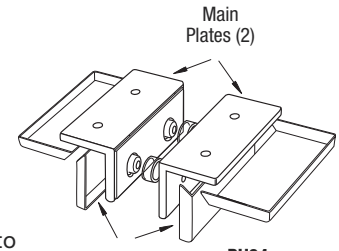
GLASS FABRICATION REQUIRED:
Two 3/4" (19 mm) Diameter Holes
COMES WITH:
Template and Instructions



CAT. NO.	FINISH
PH94A	Satin Anodized
PH94DU	Black Bronze Anodized
PH94BR	Polished Brass
PH94BS	Brushed Stainless
PH94PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

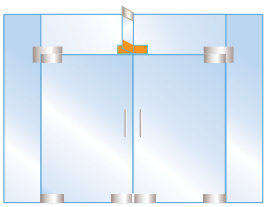
The Ceiling Mounted Support Fin Bracket is used to secure glass support fins to the ceiling. The support fin glass should be sized to approved design criteria (refer to GANA or Manufacturer's Manual).



PH94

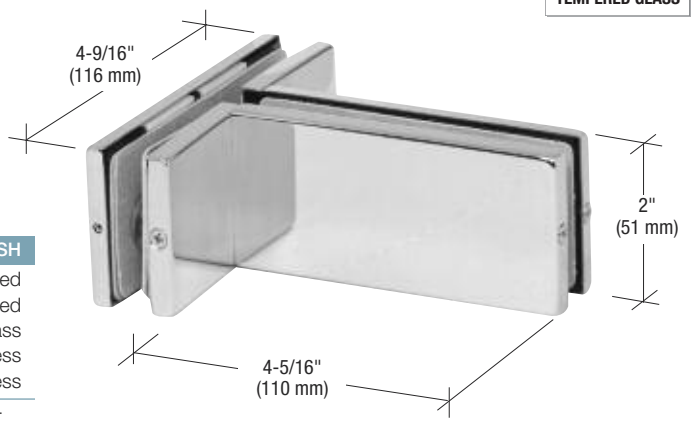
CRL Transom Mounted Patch Connector With Support Fin Bracket





- **For 3/8" or 1/2" (10 or 12 mm) Glass**

GLASS FABRICATION REQUIRED:
Four 3/4" (19 mm) Diameter Holes
COMES WITH:
Template and Instructions



CAT. NO.	FINISH
PH71A	Satin Anodized
PH71DU	Black Bronze Anodized
PH71BR	Polished Brass
PH71BS	Brushed Stainless
PH71PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

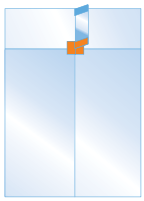
Works With:



PH94
Support Fin Bracket

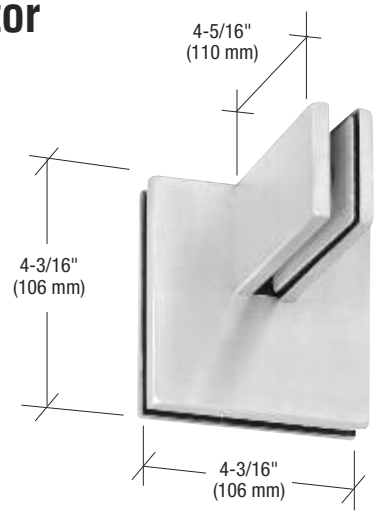
CRL Four-Way Patch Connector With Support Fin Bracket





- **For 3/8" or 1/2" (10 or 12 mm) Glass**

GLASS FABRICATION REQUIRED:
Six 3/4" (19 mm) Diameter Holes and Corner Notch
COMES WITH:
Template and Instructions



Works With:



PH94
Support Fin Bracket

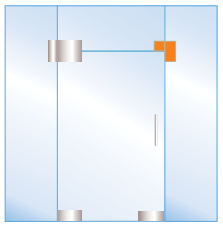
This Four-Way Patch Connector with Support Fin Bracket is used for joining a four lite glass junction that needs extra support to achieve the required structural strength. The support fin glass should be sized to approved criteria (refer to GANA or Manufacturer's Manual), and secured to the ceiling with a PH94 Ceiling Mounted Support Fin Bracket.

CAT. NO.	FINISH
PH81A	Satin Anodized
PH81BR	Polished Brass
PH81BS	Brushed Stainless
PH81PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

CRL Sidelite Mounted Transom Patch Connector With Reversible Door Stop





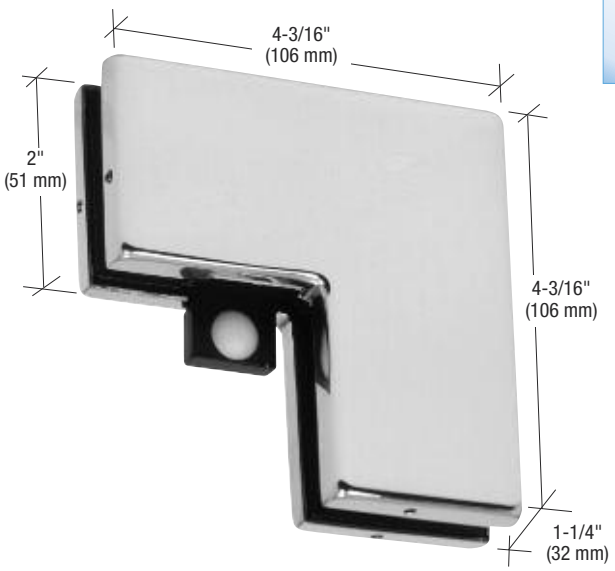
- For 3/8" or 1/2" (10 or 12 mm) Glass
- Doors Can Swing Either In or Out

GLASS FABRICATION REQUIRED:
Three 3/4" (19 mm) Diameter Holes

COMES WITH:
Template and Instructions



1NT310
Insert (Included)



CAT. NO.	FINISH
PH60A	Satin Anodized
PH60DU	Black Bronze Anodized
PH60BR	Polished Brass
PH60BS	Brushed Stainless
PH60PS	Polished Stainless

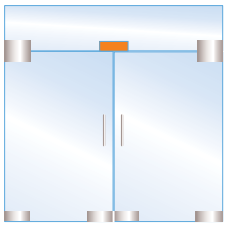
Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

By simply turning the Reversible Door Stop around, you have the choice of making the door swing out or in. By removing the Reversible Door Stop, you will have a double acting door.

CRL Transom Mounted Patch Connector With Two Reversible Door Stops

MORE INFORMATION crlaurence.com





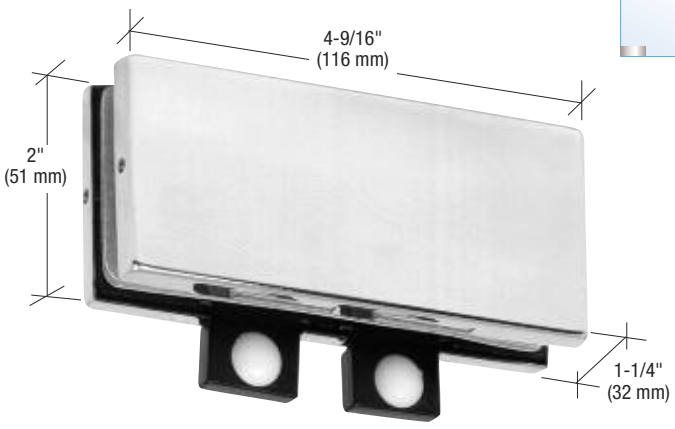
- For 3/8" or 1/2" (10 or 12 mm) Glass
- Doors Can Swing Either In or Out
- One Door Can Swing In and the Other Out

GLASS FABRICATION REQUIRED:
Two 3/4" (19 mm) Diameter Holes

COMES WITH:
Template and Instructions



1NT310
Insert (Two Included)



CAT. NO.	FINISH
PH70A	Satin Anodized
PH70DU	Black Bronze Anodized
PH70BR	Polished Brass
PH70BS	Brushed Stainless
PH70PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

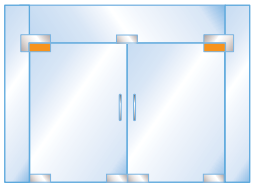
Door Stops can be set for the doors to only open in or out. You can also make it so one door opens in and the other door opens out. The Connector can be used on one lite or two lite transoms, and with the stops removed can be used as a Connector only. When used as Connector only, it is suggested that you turn the fitting around so the notches in the Cover Plates face up, and are not visible.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

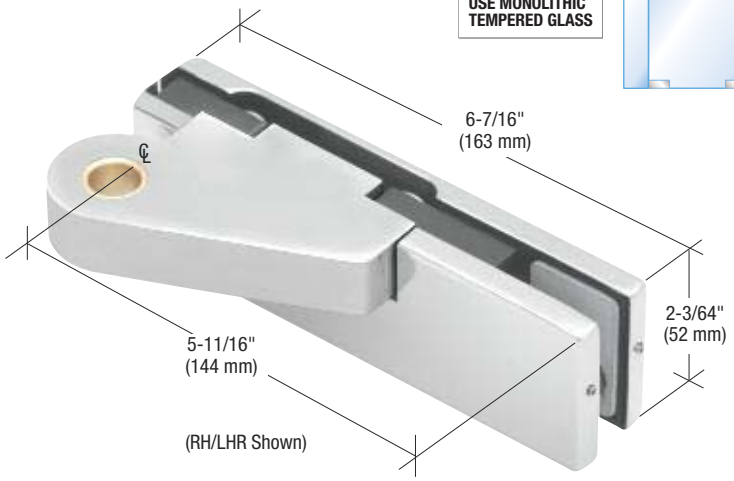
CRL US ALUMINUM

CRL Offset Top Door Patch Fitting





- For 3/8" or 1/2" (10 or 12 mm) Glass
- Allows for 180 Degree Door Swing
- Left and Right Handed
- Also Works With CRL 3/4" (19 mm) Offset Arm Bottom Door Rails With No Alterations



GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch
COMES WITH:
Template and Instructions

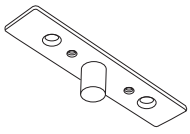
CAT. NO.	HANDING	FINISH
0PF20RBS	RH/LHR	Brushed Stainless
0PF20RPS	RH/LHR	Polished Stainless
0PF20LBS	LH/RHR	Brushed Stainless
0PF20LPS	LH/RHR	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

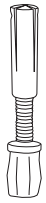
Works With:



0PF40
Offset Transom Patch



1NT401
Surface Mounted Top Pivot

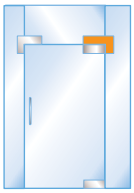


1NT405
Threaded Top Pivot

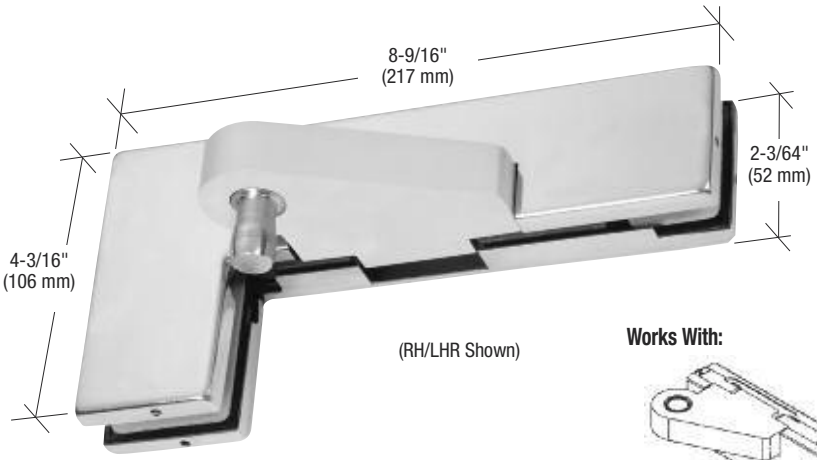
CRL Offset Sidelite Mounted Transom Patch Fitting

MORE CHOICES crlaurence.com





- For 3/8" or 1/2" (10 or 12 mm) Glass
- Allows for 180 Degree Door Swing
- Left and Right Handed
- Also Works With CRL 3/4" (19 mm) Offset Arm Bottom Door Rails With No Alterations

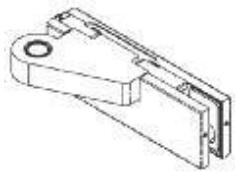


GLASS FABRICATION REQUIRED:
Three 3/4" (19 mm) Diameter
Holes and Corner Notch
COMES WITH:
Template and Instructions

CAT. NO.	HANDING	FINISH
0PF40RBS	RH/LHR	Brushed Stainless
0PF40RPS	RH/LHR	Polished Stainless
0PF40LBS	LH/RHR	Brushed Stainless
0PF40LPS	LH/RHR	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

Works With:



0PF20R and **0PF20L**
Top Door Patches

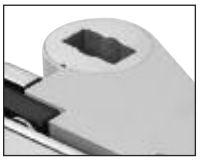
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Offset Bottom Door Patch Fitting

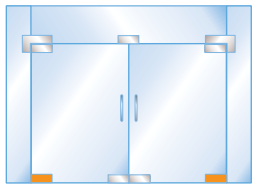
MORE MODELS crlaurence.com

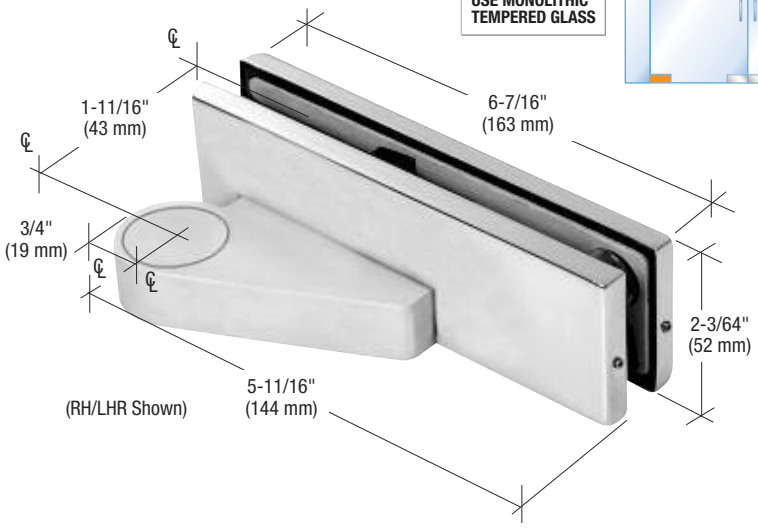
- For 3/8" or 1/2" (10 or 12 mm) Glass
- Allows for 180 Degree Door Swing
- Left and Right Handed



Bottom View Shown







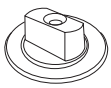
GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

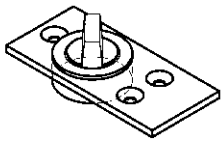
CAT. NO.	HANDING	FINISH
0PF10RBS	RH/LHR	Brushed Stainless
0PF10RPS	RH/LHR	Polished Stainless
0PF10LBS	LH/RHR	Brushed Stainless
0PF10LPS	LH/RHR	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

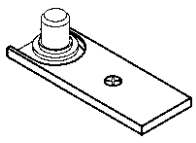
Works With:



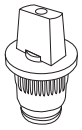
CRL8300, CRL8400, CRL8500, and J990 Series Floor Closers



1NT402
Bottom Free-Swinging Pivot



1NT403
Adjustable Bottom Free-Swinging Pivot



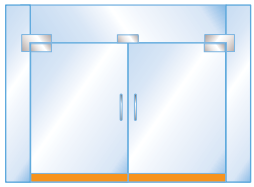
1NT406
Adjustable Bottom Free-Swinging Pivot

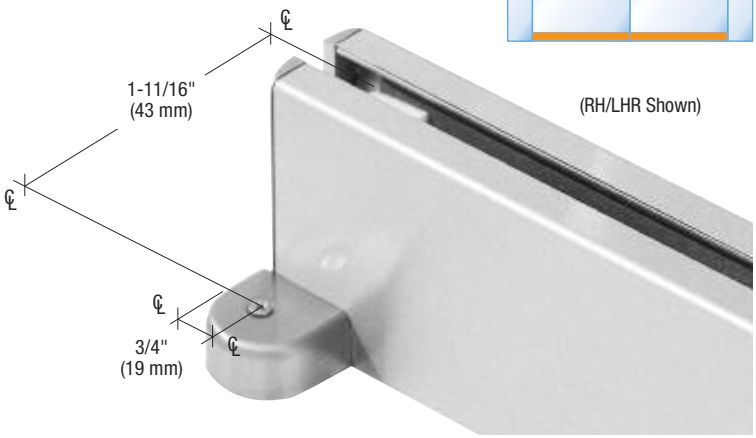
CRL Bottom Door Rails With 3/4" Offset Arm

MORE INFORMATION crlaurence.com

- For 3/8" or 1/2" (10 or 12 mm) Glass
- Four Different Configurations in Various Sizes and Finishes
- Allows for 180 Degree Door Swing
- Compatible With CRL Offset Top Door Patch Fitting With No Alterations





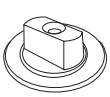


Ordering Information: All Offset Rails are fabricated to meet your needs. Door Rail configuration, size, handing, and finish are required for fabrication. For additional information, go to crlaurence.com/door-rails or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at crlaurence.com/support.

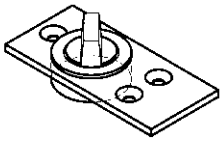
COMES WITH:
Door Rail with End Caps; 3/4" (19 mm) Offset Arm and Cover Plates in the Finish of Your Choice: Brushed Stainless Steel or Polished Stainless Steel

GLASS FABRICATION:
Our Door Rails Do Not Require Glass Fabrication

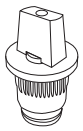
Works With:



CRL8300, CRL8400, CRL8500, and J990 Series Floor Closers



1NT402
Bottom Free-Swinging Pivot

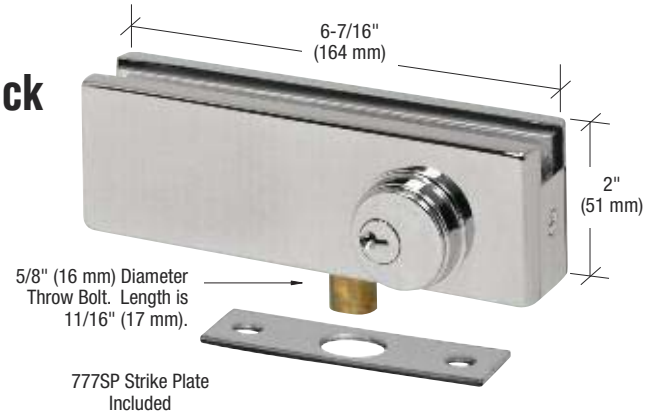


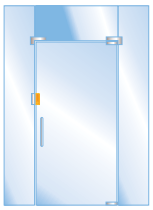
1NT406
Adjustable Bottom Free-Swinging Pivot

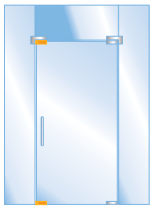
CRL North American AMR Series Patch Lock

(End-Load Cylinders)

- For 3/8" or 1/2" (10 or 12 mm) Glass
- Five Architectural Finishes




Side Mount


Top or
Bottom Mount



GLASS FABRICATION REQUIRED:

Top or Bottom Mount:
One 3/4" (19 mm) Diameter Hole and One Corner Notch

Side Mount:
One 3/4" (19 mm) Diameter Hole and One U-Cutout (Hole on Top)

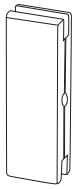
COMES WITH:
Template and Instructions

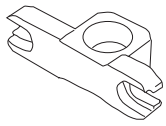
MORE INFORMATION crlaurence.com

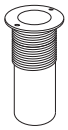
DOES NOT INCLUDE:
Double Keyed Cylinders;
Keyed Cylinder and Thumbturn;
Optional Keepers (Must Be Ordered Separately)

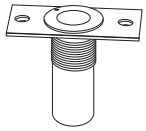
DOUBLE DOOR APPLICATION:
For double door installations a Bottom Patch Lock is required on the inactive leaf to properly secure the pair of doors.

Optional Keepers


AMR206
Glass Mounted Keeper


AMR305
Transom Patch Lock Insert


AMR207
Dustproof Keeper


AMR208 or **AMR209**
Dustproof Keeper With Mounting Plate

COMPLETE PATCH LOCK CAT. NO.	DOUBLE KEYED CYLINDERS ONLY CAT. NO.	KEYED CYLINDER AND THUMBTURN ONLY CAT. NO.	FINISH
AMR205A	AMR205CCA	AMR205CTA	Satin Anodized
AMR205DU	AMR205CCDU	AMR205CTDU	Black Bronze Anodized
AMR205BR	AMR205CCBR	AMR205CTBR	Polished Brass
AMR205BS	AMR205CCBS	AMR205CTBS	Brushed Stainless
AMR205PS	AMR205CCPS	AMR205CTPS	Polished Stainless

Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.

CRL North American AMR Series Heavy-Duty Patch Lock

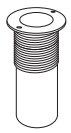
(End-Load Cylinders)

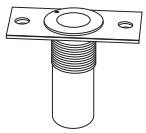
- For 3/8" or 1/2" (10 or 12 mm) Glass
- Five Architectural Finishes





Optional Keepers


AMR207
Dustproof Keeper


AMR208 or **AMR209**
Dustproof Keeper With Mounting Plate

GLASS FABRICATION REQUIRED:

Top or Bottom Mount:
One 3/4" (19 mm) Diameter Hole and One Corner Notch

COMES WITH:
Template and Instructions

DOES NOT INCLUDE:
Double Keyed Cylinders; Keyed Cylinder and Thumbturn; Optional Keepers (Must Be Ordered Separately)

DOUBLE DOOR APPLICATION:
For double door installations a Bottom Patch Lock is required on the inactive leaf to properly secure the pair of doors.

The AMR215 American Style Patch Lock is a heavy-duty version of the AMR205 Lock (above). The taller profile housing provides additional security due to more glass being secured inside the lock housing. This Lock can only be installed in top and bottom corner applications.

COMPLETE PATCH LOCK CAT. NO.	DOUBLE KEYED CYLINDERS ONLY CAT. NO.	KEYED CYLINDER AND THUMBTURN ONLY CAT. NO.	FINISH
AMR215A	AMR215CCA	AMR215CTA	Satin Anodized
AMR215DU	AMR215CCDU	AMR215CTDU	Black Bronze Anodized
AMR215BR	AMR215CCBR	AMR215CTBR	Polished Brass
AMR215BS	AMR215CCBS	AMR215CTBS	Brushed Stainless
AMR215PS	AMR215CCPS	AMR215CTPS	Polished Stainless

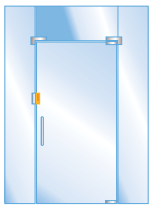
Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.

CRL European EUR Series Patch Lock
(Bottom-Load Cylinders)

- **For 3/8" or 1/2" (10 or 12 mm) Glass**

MORE CHOICES crlaurence.com





Side Mount



Top or Bottom Mount

NOTE: If used as other than a corner mount, the closed end lips of the Cover Plates need to be trimmed back.



Keeper Included

GLASS FABRICATION REQUIRED:

Top and Bottom Mount:
One Corner Notch

Side Mount: One U-Cutout

COMES WITH:
Template and Instructions

For a Keyed Cylinder Lock with Thumbturn to fit the EUR205 Series Patch Lock, see page CH111.

CAT. NO.	FINISH
EUR205A	Satin Anodized
EUR205BR	Polished Brass
EUR205BS	Brushed Stainless
EUR205PS	Polished Stainless

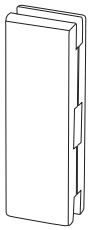
Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.

DOUBLE DOOR APPLICATION:
For double door installations a Bottom Patch Lock is required on the inactive leaf to properly secure the pair of doors.

Optional Keepers



EUR208
"Easy Clean" Bottom Keeper

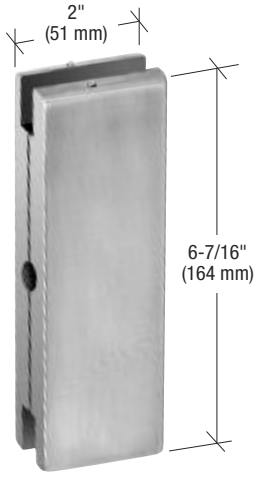


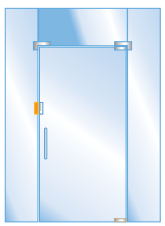
EUR206
Sidelite or Glass Door Mount Keeper

CRL North American AMR Series Glass Mount Keeper for AMR205 Patch Lock

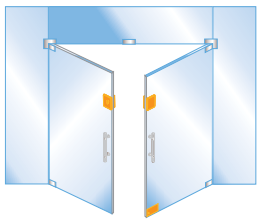
- **For 3/8" or 1/2" (10 or 12 mm) Glass**







Door to Sidelite



*Door-to-Door

SPECIFICATIONS:

For Use With:
AMR205 North American Patch Lock

GLASS FABRICATION REQUIRED:
One U-Cutout

COMES WITH:
Template and Instructions

*When used on a door, the door that it is mounted on should be secured in place with a lock at the bottom of the door.

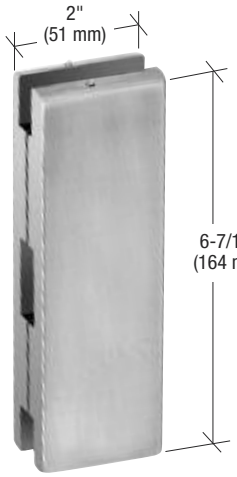
CAT. NO.	FINISH
AMR206A	Satin Anodized
AMR206DU	Black Bronze Anodized
AMR206BR	Polished Brass
AMR206BS	Brushed Stainless
AMR206PS	Polished Stainless

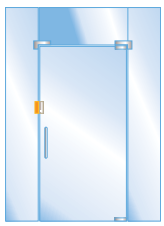
Minimum order: 1 each.
All Patch Locks can be combined for quantity pricing.

CRL European EUR Series Glass Mount Keeper for EUR205 Patch Lock

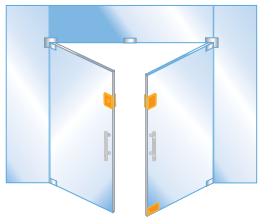
- **For 3/8" or 1/2" (10 or 12 mm) Glass**







Door to Sidelite



*Door-to-Door

SPECIFICATIONS:

For Use With:
EUR205 European Patch Lock

GLASS FABRICATION REQUIRED:
One U-Cutout

COMES WITH :
Template and Instructions

*When used on a door, the door that it is mounted on should be secured in place with a lock at the bottom of the door.

CAT. NO.	FINISH
EUR206A	Satin Anodized
EUR206BR	Polished Brass
EUR206BS	Brushed Stainless
EUR206PS	Polished Stainless

Minimum order: 1 each.
All Patch Locks can be combined for quantity pricing.

CRL Replacement Cover Plates for Patch Fittings

MORE INFORMATION crlaurence.com

For PH10, PH11, PH20, and PH21 Door Patch Fittings



INCLUDES:
1 Set of Two Cover Plates

CAT. NO.	FINISH
1NT101A	Satin Anodized
1NT101DU	Black Bronze Anodized
1NT101BR	Polished Brass
1NT101BS	Brushed Stainless
1NT101PS	Polished Stainless

Minimum order: 1 set. Replacement Cover Plates can be combined for quantity pricing.

For PH34 Wall Mounted Transom Patch Fittings



INCLUDES:
1 Set of Two Cover Plates

CAT. NO.	FINISH
1NT102A	Satin Anodized
1NT102DU	Black Bronze Anodized
1NT102BR	Polished Brass
1NT102BS	Brushed Stainless
1NT102PS	Polished Stainless

Minimum order: 1 set. Replacement Cover Plates can be combined for quantity pricing.

For PH40 Sidelite Mounted Transom Patch Fittings



INCLUDES:
1 Set of Two Cover Plates

CAT. NO.	FINISH
1NT103A	Satin Anodized
1NT103DU	Black Bronze Anodized
1NT103BR	Polished Brass
1NT103BS	Brushed Stainless
1NT103PS	Polished Stainless

Minimum order: 1 set. Replacement Cover Plates can be combined for quantity pricing.

Replacement Cover Plates for Other Patch Fittings are Available on Special Order.

CRL Replacement Gaskets and Grommets for Patch Fittings

For PH10, PH11, PH20, PH21, and PH34 Patch Fittings



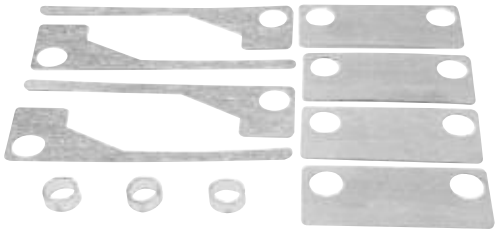
GASKET SETS FOR:
PH10 and PH11 Bottom Door Patches; PH20 and PH21 Top Door Patches; PH34 Wall Mounted Transom Patch

SET CONTAINS:
4 Each Gaskets [Use 4 for 3/8" (10 mm) Glass, and 2 for 1/2" (12 mm) Glass]; 1 Each Translucent Grommet

CAT. NO.	DESCRIPTION
GS101	Set of Gaskets and Grommet

Minimum order: 1 set. Replacement Gaskets can be combined for quantity pricing.

For PH40 Sidelite Mounted Transom Patch Fittings



GASKET SET FOR:
PH40 Sidelite Mounted Transom Patch

SET CONTAINS:
8 Each Gaskets [Use 8 for 3/8" (10 mm) Glass, and 4 for 1/2" (12 mm) Glass]; 3 Each Translucent Grommets

CAT. NO.	DESCRIPTION
GS103	Set of Gaskets and Grommets

Minimum order: 1 set. Replacement Gaskets can be combined for quantity pricing.

Replacement Gaskets for Other Patch Fittings are Available on Special Order.

CRL Replacement Screws

- **Popular Screw Types for Patch Hardware**
- **Sold in Convenient Packs of 10**

Replacement Screws are available for most popular Patch Hardware items shown in this catalog. Sold in packs of 10, a convenient way to have extra Screws available and not incur costly delays from lost or damaged Screws.



M8X25F M6X25F M6X20C M6X175F M4X7UC

CAT. NO.	SIZE	DESCRIPTION	FITS
M8X25F	8 mm x 25 mm	Flat Head Hex Socket	All Support Fin Brackets
M6X25F	6 mm x 25 mm	Flat Head Hex Socket	All Patch Fitting Main Bodies
M6X20C	6 mm x 20 mm	Cap Head Hex Socket	1NT300, 1NT303, 1NT306, AMR305 Inserts
M6X175F	6 mm x 17.5 mm	Flat Head Hex Socket	1NT301, 1NT302, 1NT304 Inserts
M4X7UC	4 mm x 7 mm	Undercut Allen	Cover Plates

Minimum order: 1 pack.

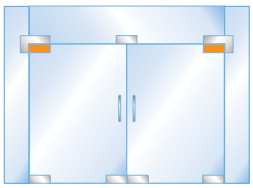
CRL Curved Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-11/16" (68 mm) Pivot Setback



1NT303 Insert
(Included)





For Use With:



CPF34
Transom Patch



CPF40
Transom Patch



CPF41R
Transom Patch



CPF41L
Transom Patch



MORE CHOICES crlaurence.com

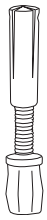
Works With:

GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

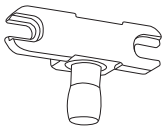
COMES WITH:
Template and Instructions

CAT. NO.	FINISH
CPF20ABS	Brushed Stainless
CPF20APS	Polished Stainless

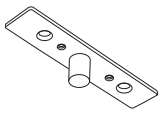
Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.



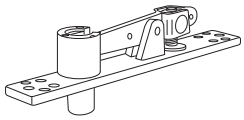
1NT405
Threaded Top Pivot



1NT300
Top Pivot Insert



1NT401
Surface Mounted Top Pivot

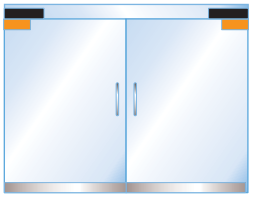


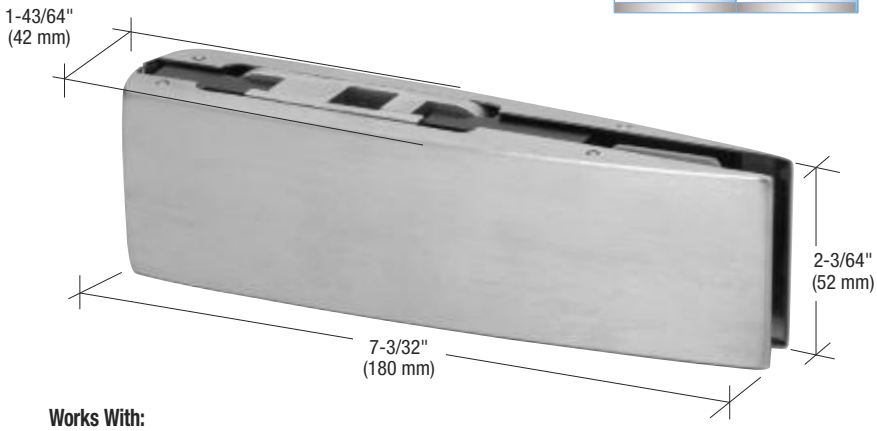
CRL9040WBP
Walking Beam Pivot

CRL Curved Top Door Patch Fitting for Overhead Concealed Door Closers

- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-11/16" (68 mm) Pivot Setback









1NT304 Insert
(Included)

Works With:



North American Pivot Setback 2-3/4" (70 mm) Concealed Overhead Door Closers With 9/16" (14 mm) Square Spindle like Cat. No. 20104M01

IMPORTANT NOTE:
Door Closer needs to be adjusted back 1/16" (2 mm) to achieve 2-11/16" (68 mm) pivot setback to work with this patch fitting.

GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

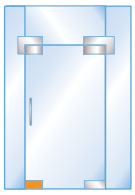
CAT. NO.	FINISH
CPF20BBS	Brushed Stainless
CPF20BPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

CRL Curved European Style Patch Lock

MORE CHOICES crlaurence.com





Bottom Mount

- For 3/8" or 1/2" (10 or 12 mm) Glass
- Bottom Load Cylinders

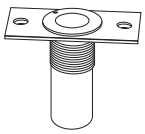


GLASS FABRICATION REQUIRED:
Bottom Mount: One Corner Notch
COMES WITH:
Template and Instructions

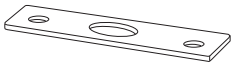
CAT. NO.	FINISH
CPL205BS	Brushed Stainless
CPL205PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

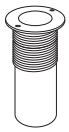
Works With:



AMR208 or **AMR209**
Dustproof Keeper With Mounting Plate

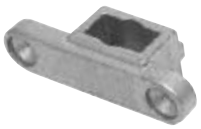


777SP
Strike Plate



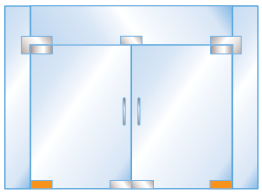
AMR207
Dustproof Keeper

CRL Curved Bottom Door Patch Fitting

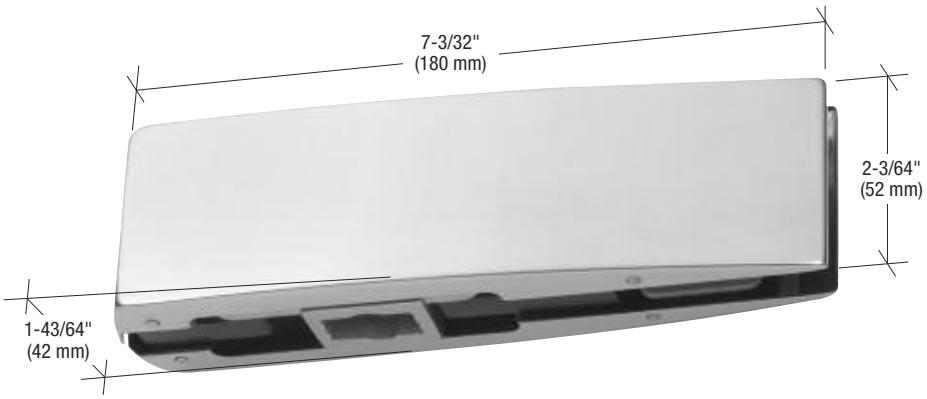


1NT301 Insert
(Included)





- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-11/16" (68 mm) Pivot Setback



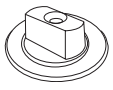
GLASS FABRICATION REQUIRED:
One 3/4" (19 mm) Diameter Hole and Corner Notch
COMES WITH:
Template and Instructions

IMPORTANT NOTE:
Bottom Pivots or Floor Closer must be set to 2-11/16" (68 mm) setback to work with this patch fitting.

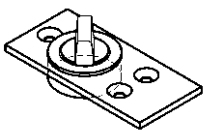
CAT. NO.	FINISH
CPF10CBS	Brushed Stainless
CPF10CPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

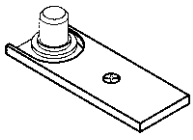
Works With:



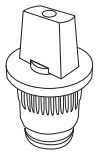
CRL8300, CRL8400, CRL8500, and J990 Series Floor Closers



1NT402
Bottom Free-Swinging Pivot



1NT403
Adjustable Bottom Free-Swinging Pivot



1NT406
Adjustable Bottom Free-Swinging Pivot

CRL Curved Sidelite Mounted Transom Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Glass
- Works With 2-11/16" (68 mm) Pivot Setback Door Patch Fittings

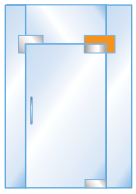
GLASS FABRICATION REQUIRED:
Three 3/4" (19 mm) Diameter Holes and Corner Notch
COMES WITH:
Template and Instructions

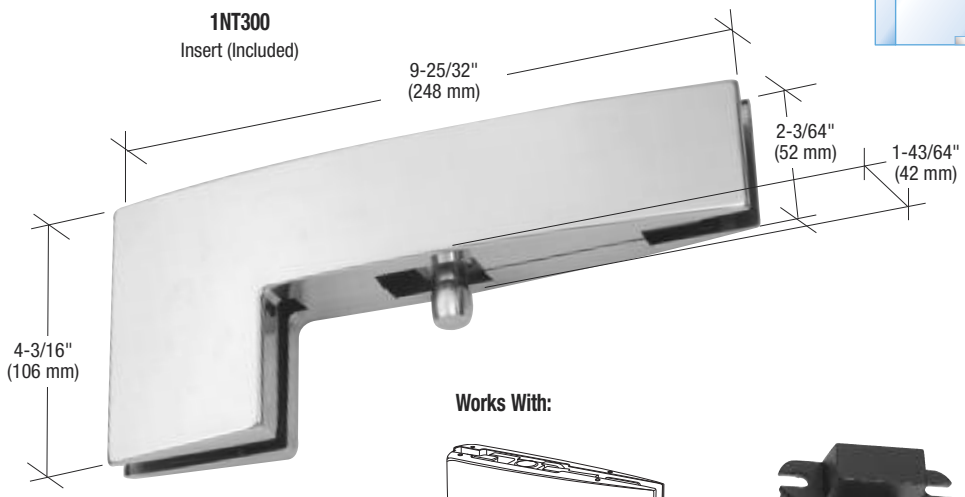


1NT300
Insert (Included)

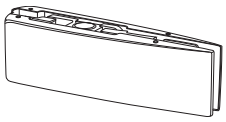
MORE CHOICES
crlaurence.com







Works With:



CPF20A
Top Door Patches



1NT306
Stop Insert

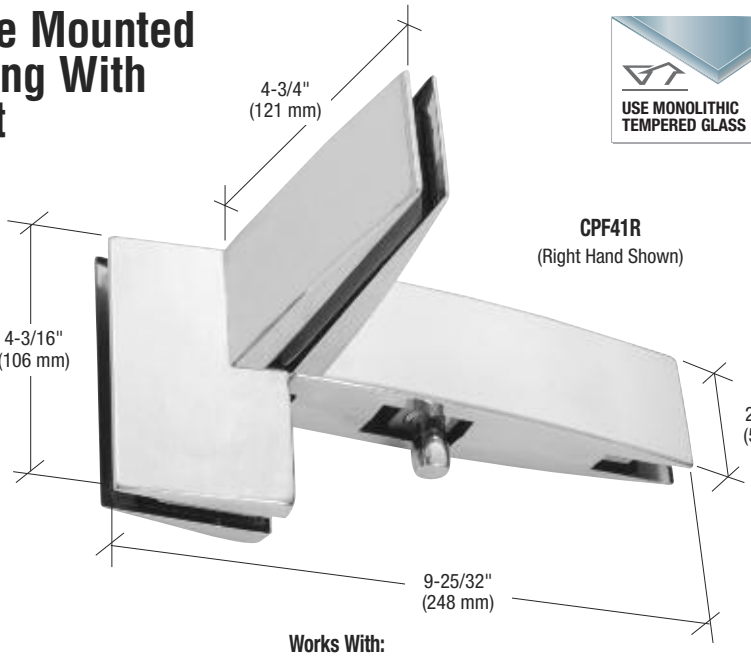
CAT. NO.	FINISH
CPF40BS	Brushed Stainless
CPF40PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

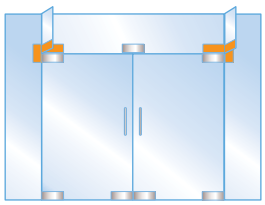
CRL Curved Sidelite Mounted Transom Patch Fitting With Support Fin Bracket

- For 3/8" or 1/2" (10 or 12 mm) Glass
- Works With 2-11/16" (68 mm) Pivot Setback Door Patch Fittings
- Left and Right Handed

GLASS FABRICATION REQUIRED:
Five 3/4" (19 mm) Diameter Holes and Two Corner Notches
COMES WITH:
Template and Instructions



CPF41R
(Right Hand Shown)

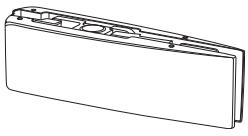


Typical Store Entrance
With Support Fins
(Viewed from the Inside)



1NT300
Insert (Included)

Works With:



CPF20A
Top Door Patches



PH94
Ceiling Mounted
Support Fin Bracket



1NT306
Stop Insert

CAT. NO.	HANDING	FINISH
CPF41RBS	Right	Brushed Stainless
CPF41RPS	Right	Polished Stainless
CPF41LBS	Left	Brushed Stainless
CPF41LPS	Left	Polished Stainless

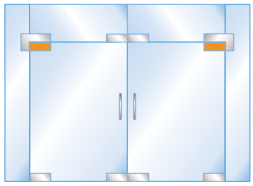
Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

DORMA® North American Top Door Patch Fitting

NEW!

DORMA

USE MONOLITHIC TEMPERED GLASS



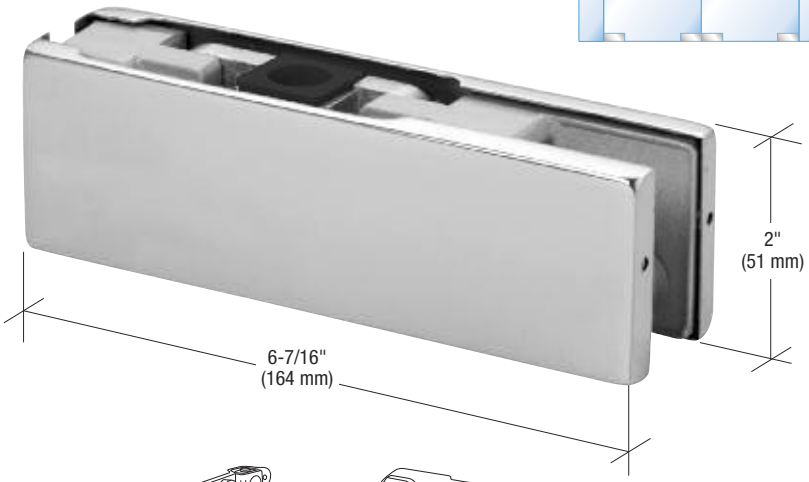
- For 3/4" (19 mm) Glass
- 2-3/4" (70 mm) Pivot Setback



1NT303 Insert
(Included)



1NT303R Insert
(order separately) for Rixson 340 Center Hung Walking Beam Pivot
1/2" (13 mm) Pin



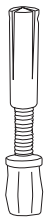
GLASS FABRICATION REQUIRED:
One 13/16" (20 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

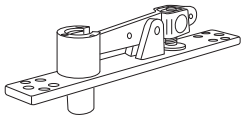
CAT. NO.	FINISH
PT2034BS	Brushed Stainless
PT2034PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

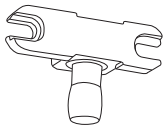
Works With:



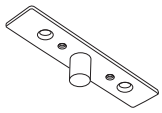
1NT405
Threaded Top Pivot



CRL9040WBP
Walking Beam Pivot



1NT300
Top Pivot Insert



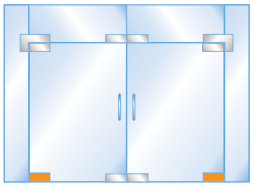
1NT401
Surface Mounted Top Pivot

DORMA® North American Bottom Door Patch Fitting

NEW!

DORMA

USE MONOLITHIC TEMPERED GLASS



- For 3/4" (19 mm) Glass
- 2-3/4" (70 mm) Pivot Setback

MORE MODELS crlaurence.com



Insert
(Included)
For Replacement Order Cat. No. 1NT301



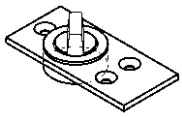
GLASS FABRICATION REQUIRED:
One 13/16" (20 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

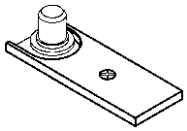
CAT. NO.	FINISH
PT1034BS	Brushed Stainless
PT1034PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

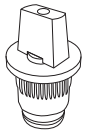
Works With:



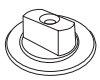
1NT402
Bottom
Free-Swinging Pivot



1NT403
Adjustable Bottom
Free-Swinging Pivot



1NT406
Adjustable Bottom
Free-Swinging Pivot



CRL8300, CRL8400, CRL8500, and J990 Series Floor Closers

DORMA is a registered trademark of Dorma GmbH + Co. KG Limited Partnership.

DORMA® Wall Mounted Transom Patch Fitting

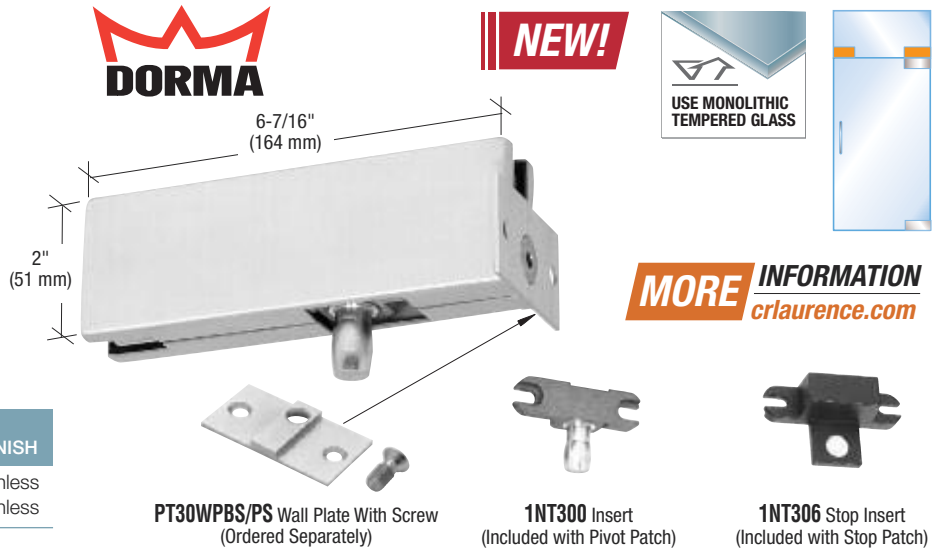
- For 3/4" (19 mm) Glass
- Works With 2-3/4" (70 mm) Pivot Setback Door Patch Fitting

GLASS FABRICATION REQUIRED:
One 13/16" (20 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

PIVOT PATCH CAT. NO.	STOP PATCH CAT. NO.	FINISH
PT3034P1VBS	PT3034BS	Brushed Stainless
PT3034P1VPS	PT3034PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.



PT30WPBS/PS Wall Plate With Screw (Ordered Separately)

1NT300 Insert (Included with Pivot Patch)

1NT306 Stop Insert (Included with Stop Patch)

DORMA® Sidelite Mounted Transom Patch Fitting

- For 3/4" (19 mm) Glass
- Works With 2-3/4" (70 mm) Pivot Setback Door Patch Fitting

GLASS FABRICATION REQUIRED:
One 13/16" (20 mm) Diameter
Hole and Corner Notch

COMES WITH:
Template and Instructions

PIVOT PATCH CAT. NO.	STOP PATCH CAT. NO.	FINISH
PT4034P1VBS	PT4034BS	Brushed Stainless
PT4034P1VPS	PT4034PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.



1NT300 Insert (Included with Pivot Patch)

1NT306 Stop Insert (Included with Stop Patch)

DORMA® Sidelite Mounted Transom Patch With Support Fin Bracket

- For 3/4" (19 mm) Glass
- Works With 2-3/4" (70 mm) Pivot Setback Door Patch Fitting
- Left and Right Handed

GLASS FABRICATION REQUIRED:
One 13/16" (20 mm) Diameter
Hole and Corner Notch

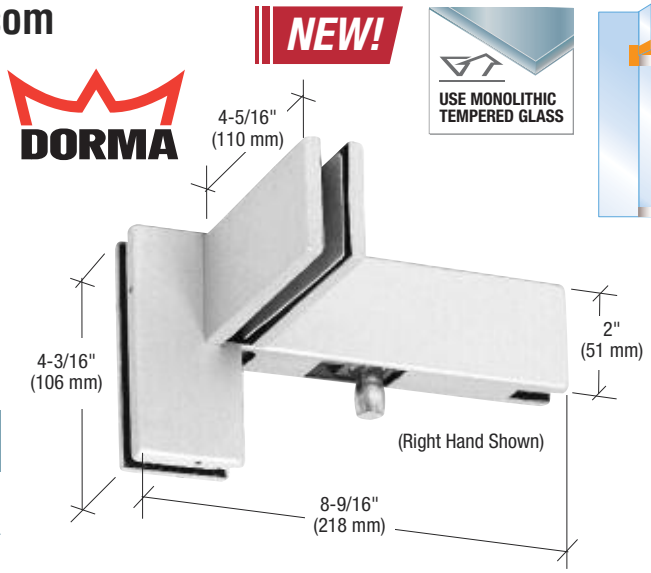
COMES WITH:
Template and Instructions



1NT300 Insert (Included)

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
PT4134P1VLHBS	PT4134P1VRHBS	Brushed Stainless
PT4134P1VLHPS	PT4134P1VRHPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.



Typical Store Entrance With Support Fins (Viewed from the Inside)

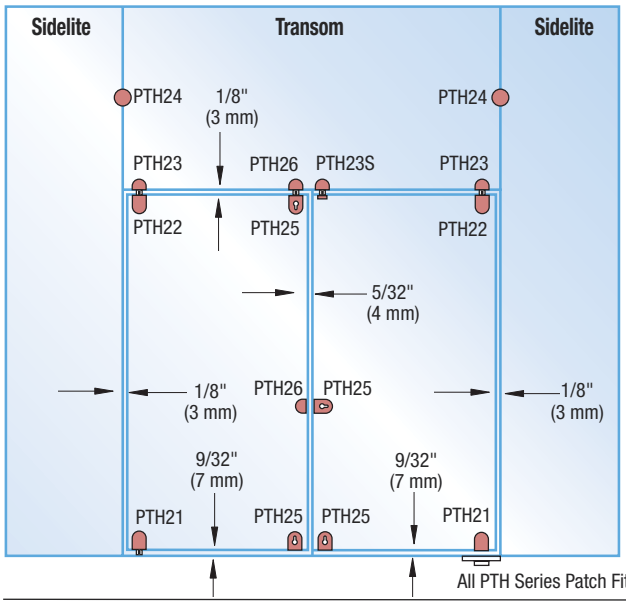
1NT306 Stop Insert (Sold Separately)

DORMA is a registered trademark of Dorma GmbH + Co. KG Limited Partnership.

CRL PTH Series Patch Fittings

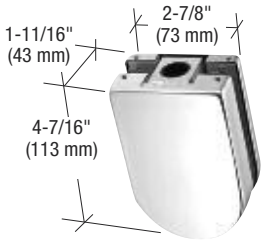
- For 3/8" or 1/2" (10 or 12 mm) Glass
- A Complete Selection for Single or Double Doors, Transoms, and Sidelites Fittings
- Available in Brushed or Polished Stainless Finishes





All PTH Series Patch Fittings can be combined for quantity pricing.

CRL Top Door Patch



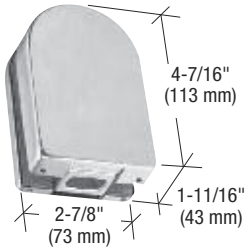
FOR USE WITH:
PTH23 Top Transom Pivot;
CRL9040WBP Walking Beam Pivot;
1NT401 Top Free-Swinging Pivot;
1NT405 Header Mount Top Pivot
GLASS FABRICATION REQUIRED:
Two 13/16" (20 mm) Diameter Holes and One Notch (Template Included)

MORE CHOICES crlaurence.com

CAT. NO.	FINISH
PTH22BS	Brushed Stainless
PTH22PS	Polished Stainless

Minimum order: 1 each.

CRL Bottom Door Patch



FOR USE WITH:
CRL8300/8400/8500 and J990 Series Door Closers; 7/8" (22 mm) Flat Tapered Spindles
GLASS FABRICATION REQUIRED:
Two 13/16" (20 mm) Diameter Holes and One Notch (Template Included)

CAT. NO.	FINISH
PTH21BS	Brushed Stainless
PTH21PS	Polished Stainless

Minimum order: 1 each.

CRL Patch Connector

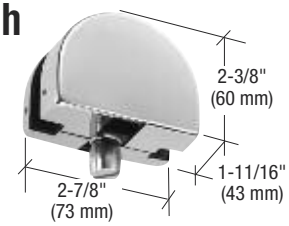


GLASS FABRICATION REQUIRED:
One Notch in Each Lite (Template Included)

CAT. NO.	FINISH
PTH24BS	Brushed Stainless
PTH24PS	Polished Stainless

Minimum order: 1 each.

CRL Top Transom Pivot Patch

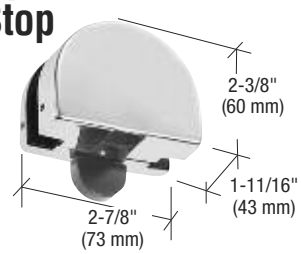


FOR USE WITH:
PTH22 Top Door Patch
GLASS FABRICATION REQUIRED:
One Notch (Template Included)

CAT. NO.	FINISH
PTH23BS	Brushed Stainless
PTH23PS	Polished Stainless

Minimum order: 1 each.

CRL Top Transom Door Stop



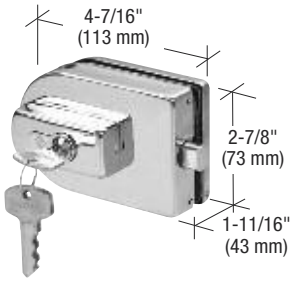
GLASS FABRICATION REQUIRED:
One Notch (Template Included)

CAT. NO.	FINISH
PTH23SBS	Brushed Stainless
PTH23SPS	Polished Stainless

Minimum order: 1 each.

CRL Glass Mounted Patch Lock

INCLUDES:
Three Keys; Strike Plate
FOR USE WITH:
PTH26 Series Keeper (Order Separately)
GLASS FABRICATION REQUIRED:
2-3/16" (56 mm) Hole in Glass; Hole Required in Threshold Only if Bottom Mounted (Template Included)

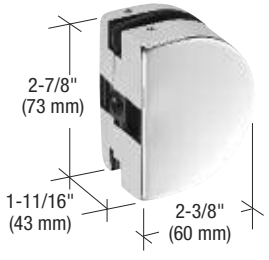


CAT. NO.	FINISH
PTH25BS	Brushed Stainless
PTH25PS	Polished Stainless

Minimum order: 1 each.

CRL Glass Mounted Patch Lock Keeper

FOR USE WITH:
PTH25 Series Lock (Order Separately)
GLASS FABRICATION REQUIRED:
One Notch (Template Included)



CAT. NO.	FINISH
PTH26BS	Brushed Stainless
PTH26PS	Polished Stainless

Minimum order: 1 each.

CRL Surface Mounted Free-Swinging Top Pivot

- Surface Mount Top Pivot Type for Use With Patch Fittings and CRL Wedge-Lock® Door Rails
- Brushed Stainless Finish



CRL Surface Mounted Free-Swinging Top Pivots have a pivot pin diameter of 19/32" (15 mm). They can be used with PH20A, PH21A, and EUR420 Top Door Patch Fittings, as well as with CRL9040TDF and CRL9060TDF Top Door Fittings in our DRS Door Rails. Minimum order is one each.

CAT. NO. 1NT401

CRL Adjustable Free-Swinging Bottom Pivot

MORE CHOICES crlaurence.com

- Flat and Square Tapered Styles Available
- 220 Pound (100 kg) Capacity
- Provides 1/4" (6 mm) Height Adjustment



CAT. NO. 1NT404
"MAB" Type Square Tapered Spindle

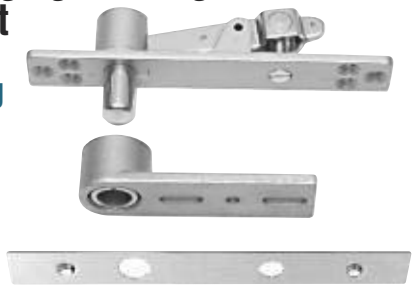


CAT. NO. 1NT406
Flat Tapered Spindle

We offer two styles of Adjustable Free-Swinging Bottom Pivots; our Cat. No. 1NT404 "MAB" Type Square Tapered Spindle, and our Cat. No. 1NT406 Flat Tapered Spindle. Both provide 1/4" (6 mm) height adjustment and require a single hole for mounting. The "MAB" Type works exclusively with our PH10D and PH11D Bottom Door Patch Fittings. The Flat Tapered Type works with many of our Bottom Door Patch Fittings and Door Rails. Minimum order is one each. All Pivots can be combined for quantity pricing.

CRL Free-Swinging Walking Beam Top Pivot

- For Center-Hung Applications When Using a Concealed Floor Mounted Door Closer



Optional Cover Plate (sold separately)

CRL Walking Beam Top Pivots have a pivot pin diameter of 19/32" (15 mm). They are designed to work with our PH20A, PH21A, and EUR420 Top Door Patch Fittings; or by using the included pivot receptor, they can be used with any aluminum door rail with a pocket depth of 1" (25 mm). Hollow Tube Mounting Brackets are available, see page CH180. For additional Walking Beam Pivots see pages CH186 and CH188.

PIVOT CAT. NO.	COVER PLATE CAT. NO.	DESCRIPTION
CRL9040WBP	---	Walking Beam Top Pivot
---	CRL9040CPA	Satin Anodized Cover Plate
---	CRL9040CPPB	Polished Brass Cover Plate
---	CRL9040CPPS	Polished Stainless Cover Plate
---	CRL9040CPBS	Brushed Stainless Cover Plate
---	CRL9040CPDU	Black/Bronze Anodized Cover Plate

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Header Mounted Free-Swinging Top Pivot

- Designed for Mounting Into Masonry or Metal Headers



CRL Header Mounted Free-Swinging Top Pivots have a pivot pin diameter of 19/32" (15 mm), and were designed for mounting into masonry or metal headers for use with PH20A, PH21A, and EUR420 Top Door Patch Fittings. Minimum order is one each.

CAT. NO. 1NT405

CRL Adjustable Free-Swinging Bottom Pivot

- Has 3/16" (5 mm) of Height Adjustment
- Can Be Floor or Threshold Mounted



This CRL Adjustable Free-Swinging Bottom Pivot can be floor or threshold mounted, and provides 3/16" (5 mm) of height adjustment. They are ideal for use with our PH10C, PH11C, and EUR410 Bottom Door Patch Fittings. Minimum clearance is 3/8" (10 mm). Minimum order is one each.

CAT. NO. 1NT403

CRL Free-Swinging Bottom Pivot

- 7/8" (22 mm) Flat Tapered Spindle
- For Use With Bottom Door Patches and Door Rails



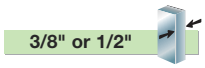
This CRL Free-Swinging Bottom Pivot has a flat tapered type spindle. They are typically used with CRL Bottom Door Patches and Door Rails. Weight capacity is 440 pounds (200 kg). Minimum clearance is 5/16" (8 mm). Minimum order is one each.

CAT. NO. 1NT402

CRL Laguna Series Pivot Door System

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- All 316 Alloy Brushed Stainless Steel Construction
- Ideal for Interior Room Applications
- Comes With All Fasteners Needed for Either Flush Mount (Countersunk) or Surface Mount (Straight Hole) Glass Fabrication

MORE INFORMATION
crlaurence.com







Our Laguna Series Hardware brings a contemporary look to interior home or office partitions. Made of high-grade 316 alloy stainless steel, it will give years of reliable function and modern beauty to your projects.

The CRL Laguna Pivot Door System can be used with free-swinging doors, or doors controlled by floor mounted door closers. The hardware can be ordered in sets or by individual components.

CRL provides you with all of the Glass Fasteners for either flush mounting, which requires a countersunk hole, or surface mounting, where a straight hole is needed. The Glass Fasteners will accommodate either 3/8" or 1/2" (10 or 12 mm) tempered glass and can be easily secured using the Cat. No. LSSW1 Spanner Head. **NOTE**: Laminated glass cannot be used with this hardware.

Standardized sets allow easy planning and purchasing for a number of basic configurations. Available accessories give you the opportunity to customize the standard sets to accommodate the most imaginative designers.

For additional information, go to **crlaurence.com/laguna** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

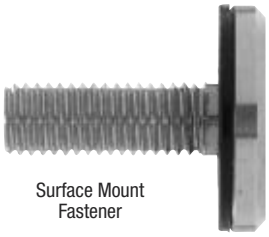




Visit **crlaurence.com/laguna** for additional individual parts and configuration ideas.



Flush Mount Fastener



Surface Mount Fastener

DOOR SYSTEM LIMITATIONS

Maximum Door Weight: 176 Lbs. (80 kg)
Maximum Panel Width: 47-1/4" (1.2 m)
Maximum Panel Height: 98-7/8" (2.5 m)

CRL Laguna Series Pivot Door Basic Hardware Sets

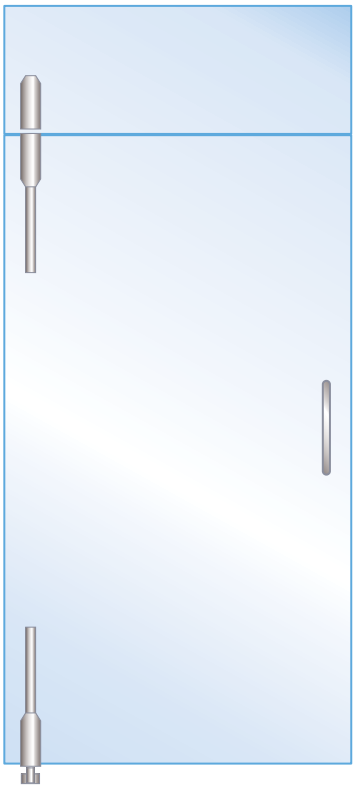
USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com



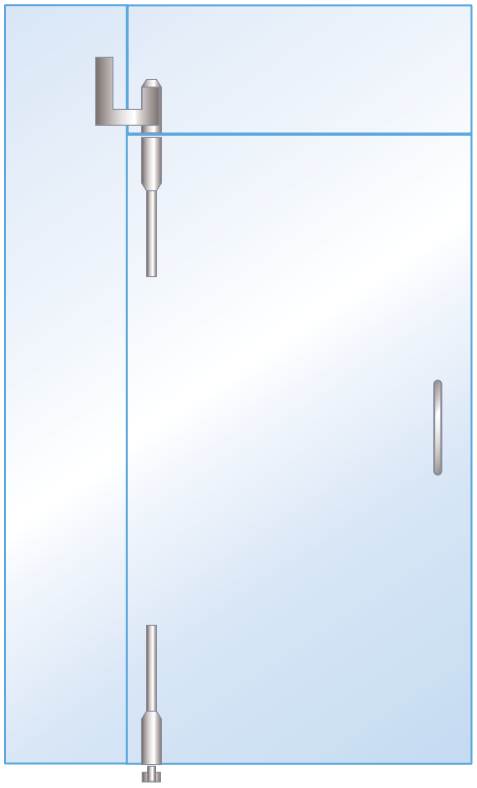
CAT. NO. LS14BS

The LS14BS Hardware Set consists of:
1 each LS1BS Free Swinging Top Pivot
1 each LS5BS Top and Bottom Pivot Rod Set
(Closers or Bottom Pivots are sold separately)
Minimum order is one set. Can be combined with other Pivot Door Sets for quantity pricing.



CAT. NO. LS24BS

The LS24BS Hardware Set consists of:
1 each LS2BS Transom Mounted Free Swinging Top Pivot
1 each LS5BS Top and Bottom Pivot Rod Set
(Closers or Bottom Pivots are sold separately)
Minimum order is one set. Can be combined with other Pivot Door Sets for quantity pricing.

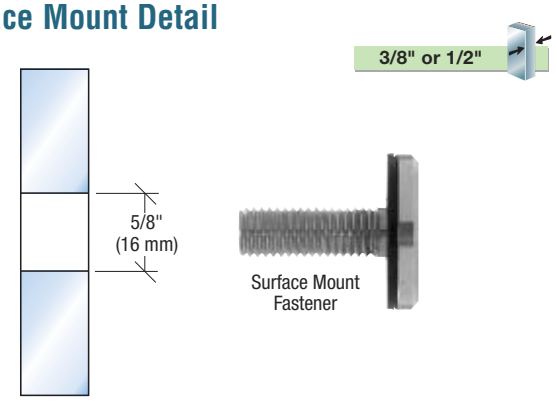


CAT. NO. LS34BS

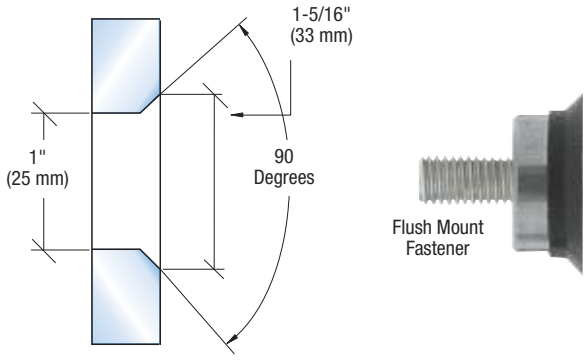
The LS34BS Hardware Set consists of:
1 each LS3BS Transom/Sidelite Free Swinging Top Pivot
1 each LS5BS Top and Bottom Pivot Rod Set
(Closers or Bottom Pivots are sold separately)
Minimum order is one set. Can be combined with other Pivot Door Sets for quantity pricing.

Dual Fabrication Options for the Laguna Series Pivot Door System

• Surface Mount Detail



• Flush Mount Detail



Additional Laguna Series accessories are available to meet various job conditions or requirements. Please refer to pages CH142 and CH143 for accessory fittings and system components. See pages CH087 to CH096 for our selection of Glass Door Pull Handles, which must be ordered separately.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at crlaurence.com/support.

CRL Replacement Parts for Laguna Series Pivot Doors

MORE MODELS
crlaurence.com

CRL Standard Top and Bottom Pivot Rods



The LS5BS is the typical Top and Bottom Pivot Rod Set used for the door. It is compatible with any CRL Floor Mounted Door Closer. Comes with both Flush Mount and Surface Mount Fasteners.

CAT. NO.	FINISH
LS5BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Pivot Door Pivots for quantity pricing.

CRL Free Swinging Top Pivot

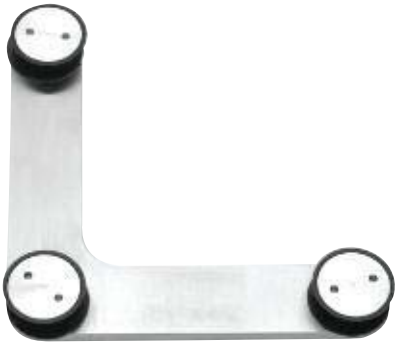


This Free Swinging Top Pivot can be mortised into either the wood header or an aluminum tube over the doorway. Requires a 1" (25 mm) hole to install.

CAT. NO.	FINISH
LS1BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Transom/Sidelite Support Bracket



The LS6BS Transom/Sidelite Support Bracket is used to support the leading edge of a glass transom over a single door. Comes with both Flush Mount and Surface Mount Fasteners.

CAT. NO.	FINISH
LS6BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Transom Mounted Free Swinging Top Pivot Fitting



This Free Swinging Top Pivot Fitting is used in areas where there is not a supporting glass panel next to the door. Comes with both Flush Mount and Surface Mount Fasteners.

CAT. NO.	FINISH
LS2BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Glass Mounted Door Stop Fitting



This Glass Mounted Door Stop Fitting is used individually or in pairs to prevent the door from swinging in a given direction.

CAT. NO.	FINISH
LS9BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Transom/ Sidelite Free Swinging Top Pivot Fitting



The Transom/Sidelite Free Swinging Top Pivot Fitting attaches to the sidelite panel and the glass transom over the door. Comes with both Flush Mount and Surface Mount Fasteners.

CAT. NO.	FINISH
LS3BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Replacement Parts for Laguna Series Pivot Doors

MORE INFORMATION crlaurence.com

CRL Top and Bottom Pivot Rods for Full Height Vertical Rod Insert

These Top and Bottom Pivot Rods are used with Cat. No. LS7BS Full Height Vertical Rod Insert to create a full height vertical pivot rod. Comes with both Flush Mount and Surface Mount Fasteners.



CAT. NO.	FINISH
LS8BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Full Height Vertical Rod Insert

This Full Height Vertical Rod Insert is used with Cat. No. LS8BS Top and Bottom Pivot Rods to create a full height vertical pivot rod. Rod length is 76-1/4" (1.94 m); outside diameter is 1" (25 mm); wall thickness is .083" (2 mm).



CAT. NO.	FINISH
LS7BS	Brushed Stainless

Minimum order: 1 each.

CRL Ceiling Mounted Door Stop Fitting

The Ceiling Mounted Door Stop Fitting mounts directly to the ceiling or header for single acting doors. Fasteners are not included.



CAT. NO.	FINISH
LS10BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Transom/Sidelite Door Stop Fitting

The Transom/Sidelite Door Stop Fitting connects the sidelite panel to the glass transom. Comes with both Flush Mount and Surface Mount Fasteners.



CAT. NO.	FINISH
LS11BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Universal Spanner Wrench



Use this CRL Universal Spanner Wrench as a quick and efficient method of attaching or loosening Spanners. Kit includes: one Adjustable Tool, five Metric (1.5, 2, 2.5, 3, and 4 mm) Spanner Pin Sets, five Fractional (1/16", 3/32", 1/8", 5/32", and 3/16") Spanner Pin Sets, and one Molded Carrying Case. The center-to-center distance between pins in the closed position is 1/4" (6 mm). Minimum order is one each.

CAT. NO. USW10

CRL Spanner Wrench



Use this CRL Spanner Wrench as a quick and efficient method to secure and tighten Laguna Series Brackets and Fittings to the glass. Minimum order is one each.

CAT. NO. SW19

CRL Spanner Head



This CRL Spanner Head is used with your 1/4" (6 mm) drive ratchet wrench to secure and tighten Laguna Series Brackets and Fittings to the glass. Ratchet wrench not included. Minimum order is one each.

CAT. NO. LSSW1

CRL Biloba Series Hydraulic 'All-Glass' Door Hinges

- For Self-Closing Glass Doors From 3/8" to 1/2" (10 to 12 mm) Thick
- A Great Alternative to Floor Closers and Patch Fittings
- Hold Open or No Hold Open Models
- Adjustable Closing Speed
- Aluminum Body in Your Choice of Three Finishes: Brite Chrome, Brushed Satin, and Satin Anodized

3 year WARRANTY

USE MONOLITHIC TEMPERED GLASS



The Biloba Hinge represents the evolution and the synthesis between automatic mechanical hinges and hydraulic door closers. Designed for use on interior doors, Biloba allows you to design a self-closing door without the need of a floor-mounted or overhead closing device. This gives you the advantage of being able to install an 'all-glass' door in an existing opening without the need for extensive retrofitting of hardware into the floor or overhead.

Properly mounted, two Biloba Hinges will support a 3/8" to 1/2" (10 to 12 mm) thick glass door up to 39" (1 m) in width and weighing up to 220 pounds (100 kg). A control valve lets you adjust the hinge to the desired closing speed. And Biloba is ambidextrous, with positive stops at 0 and 90 degrees, giving you even more design freedom.

The Biloba Hinge features an aluminum body in distinct configurations for Wall Mount and Glass-to-Glass applications. Biloba has been subject to strict testing (over 1 million cycles), assuring long lasting service.

SPECIFICATIONS:

Glass Thickness Range: 3/8" to 1/2" (10 to 12 mm)

Material: Aluminum

Hinge Swings:
90 Degrees Inwards and Outwards (Except 31M8060 Model, Which Only Swings One Way)

Closing Type:
Automatic Closing From 0 to 80 Degrees

Special Feature: Holds Open at 90 Degrees; Adjustable Closing Speed

Cut-Out Required

Includes:
Snap-In Molded Gaskets for 3/8" (10 mm) and 1/2" (12 mm) Glass; Hex Screws

Maximum Capacities Using Two Hinges:
Door Width 39" (1 m); Door Weight: 220 pounds (100 kg)

NOTE: Do not use more than two hinges on one door.

MORE MODELS crlaurence.com

Full Back Plate Wall Mount Hinge

Swings in and out a full 90 degrees, with stops at 0°, +90°, and –90°. Closing speed can be adjusted. For doors up to 39" (1 m) wide. Maximum weight per two hinges is 220 pounds (100 kg).

HOLD OPEN CAT. NO.	NO HOLD OPEN CAT. NO.	FINISH
31M8010CH	31M8210CH	Brite Chrome
31M8010SN	31M8210SN	Brushed Satin
31M8010SA	31M8210SA	Satin Anodized

Minimum order: 1 each. All Frameless Hinges can be combined for quantity pricing. **NOTE**: 'All-Glass' Door Hinges are sold individually, not in pairs.



180 Degree Glass-to-Glass Hinge

Swings in and out a full 90 degrees, with stops at 0°, +90°, and –90°. Closing speed can be adjusted. For doors up to 39" (1 m) wide. Maximum weight per two hinges is 220 pounds (100 kg).

HOLD OPEN CAT. NO.	NO HOLD OPEN CAT. NO.	FINISH
31M8015CH	31M8215CH	Brite Chrome
31M8015SN	31M8215SN	Brushed Satin
31M8015SA	31M8215SA	Satin Anodized

Minimum order: 1 each. All Frameless Hinges can be combined for quantity pricing. **NOTE**: 'All-Glass' Door Hinges are sold individually, not in pairs.



One Way Swinging Wall Mount Hinge

Ideal for hermetic closing. Swings one way a full 90 degrees, with stops at 0° and 90°. Closing speed can be adjusted. For doors up to 39" (1 m) wide. Maximum weight per two hinges is 220 pounds (100 kg).

HOLD OPEN CAT. NO.	FINISH
31M8060CH	Brite Chrome
31M8060SN	Brushed Satin

Minimum order: 1 each. All Frameless Hinges can be combined for quantity pricing. **NOTE**: 'All-Glass' Door Hinges are sold individually, not in pairs.

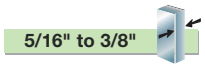


Shown Mounted as Hinged Left Swing Out

CRL Euro Series Interior Door Hinge Kits

- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Can Accommodate Doors Weighing Up to 99 Pounds (45 kg)
- Maximum Door Width 39" (1 m)
- Four Models to Choose From
- Glass Fabrication Required





MORE MODELS crlaurence.com



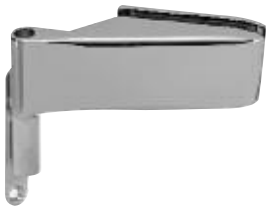
CRL Euro Series Interior Door Hinges offer a new look for modern office or residential interior doors. The Hinges are single acting and can open to 180 degrees.

We offer four models, the Barcelona, the Roma, the Valencia, and the Sofia. The Barcelona and the Roma are of solid brass construction, while the Valencia and the Sofia are of solid aluminum construction.

These hinges can accommodate 5/16" or 3/8" (8 or 10 mm) fully tempered glass, and only require two 5/8" (16 mm) holes in the glass per hinge.

Barcelona Series Hinge Kit

- Solid Brass Construction



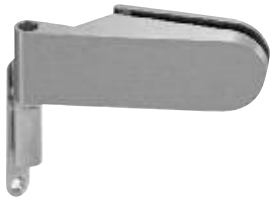
Kit includes two hinges and two surface mount brackets.

CAT. NO.	FINISH
PTHK50BR	Polished Brass
PTHK50CH	Polished Chrome
PTHK50BN	Brushed Nickel

Minimum order: 1 kit. Hinges can be combined for quantity pricing.

Valencia Series Hinge Kit

- Solid Aluminum Construction



Kit includes two hinges and two surface mount brackets.

CAT. NO.	FINISH
PTHK70SA	Satin Anodized

Minimum order: 1 kit. Hinges can be combined for quantity pricing.

Roma Series Hinge Kit

- Solid Brass Construction



Kit includes two hinges and two surface mount brackets.

CAT. NO.	FINISH
PTHK60BR	Polished Brass
PTHK60CH	Polished Chrome
PTHK60BN	Brushed Nickel

Minimum order: 1 kit. Hinges can be combined for quantity pricing.

Sofia Series Hinge Kit

- Solid Aluminum Construction



Kit includes two hinges with surface mount brackets attached.

CAT. NO.	FINISH
PTHK1	Satin Anodized

Minimum order: 1 kit. Hinges can be combined for quantity pricing.

Replacement Mounting Brackets for Valencia, Barcelona, and Roma Series Hinges

- Four Models Available to Fit Euro Series Door Hinges
- Zinc Plated Steel

NOTE: Mounting Bracket Cover in matching finish is included with Hinge Kits.



CAT. NO. PTH360
Surface Mount



CAT. NO. PTH362
Steel Frame Mount



CAT. NO. PTH361
Steel Frame Mount



CAT. NO. PTH363
Steel Frame Mount

Minimum order is one each.

CRL Blumcraft 1301 Series Entrance Doors and Sidelites

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- More Glass, Less Metal!
- Fully Glazed With 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass
- Ready to Install, No Assembly Required
- Solid Stainless Steel or Bronze Rail Construction
- Rails as Slim as 3/4" x 3/4" (19 x 19 mm)
- Complete With Egress Handle if Required

MORE INFORMATION
crlaurence.com

CRL USALUMINUM
MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

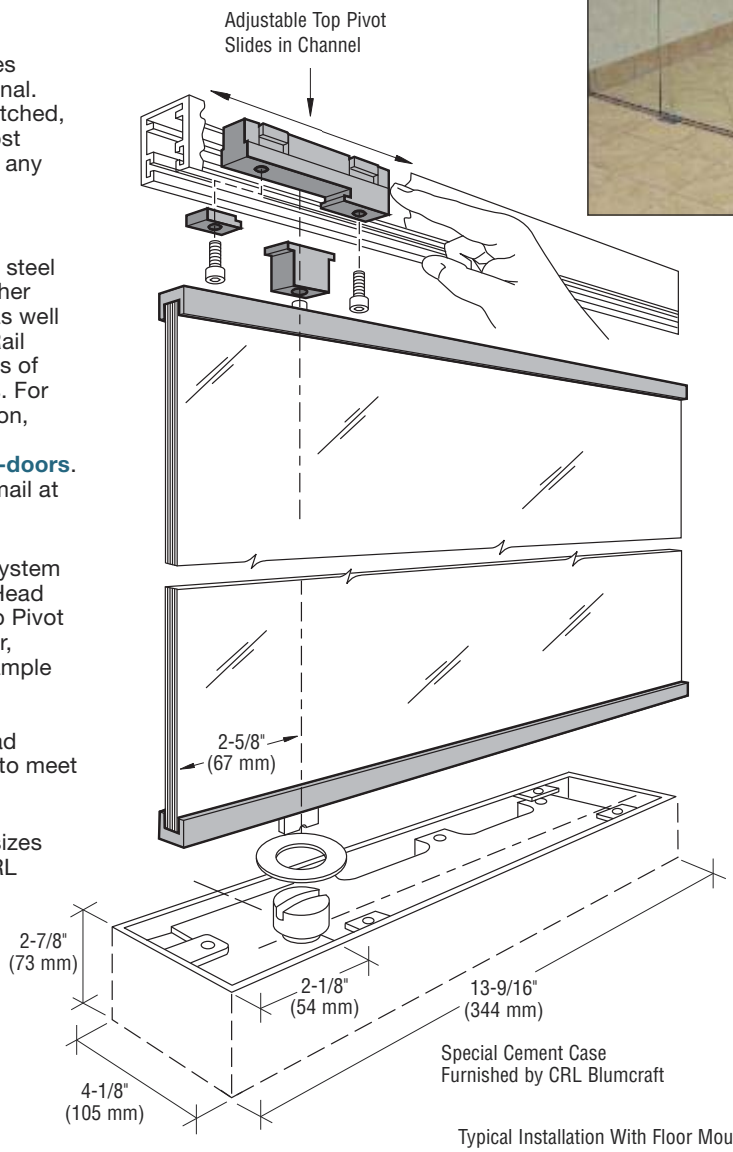


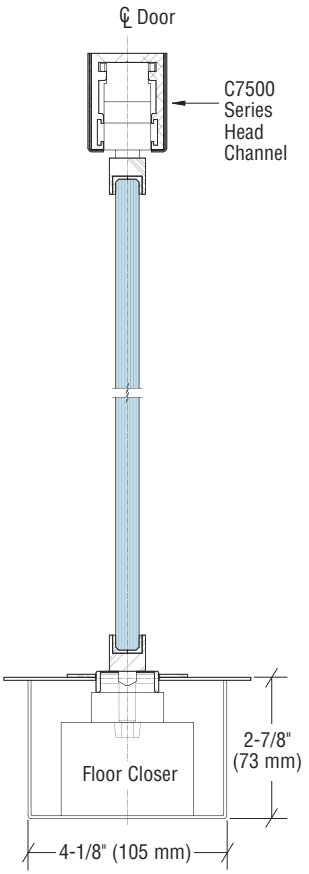
CRL Blumcraft 1301 Series Entrance Doors are the original. Often imitated but never matched, this system provides the most glass with the least metal of any entrance door system in the industry.

Made from solid stainless steel or bronze and finished in either brushed or mirror finishes, as well as oil rubbed bronze. Top Rail sizes do vary based on types of hardware used on the doors. For additional product information, visit our web site at **crlaurence.com/blumcraft-doors**. You can also send us an e-mail at **crlaurence.com/support**.

A standard 1301 Series System includes our C7500 Series Head Channel with Adjustable Top Pivot and customized Floor Closer, providing the installer with ample adjustment opportunities. Common 4", 4-1/2", and 6" (102, 114, and 152 mm) Head Channels are also available to meet design requirements.

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.





Typical Installation With Floor Mounted Door Closer

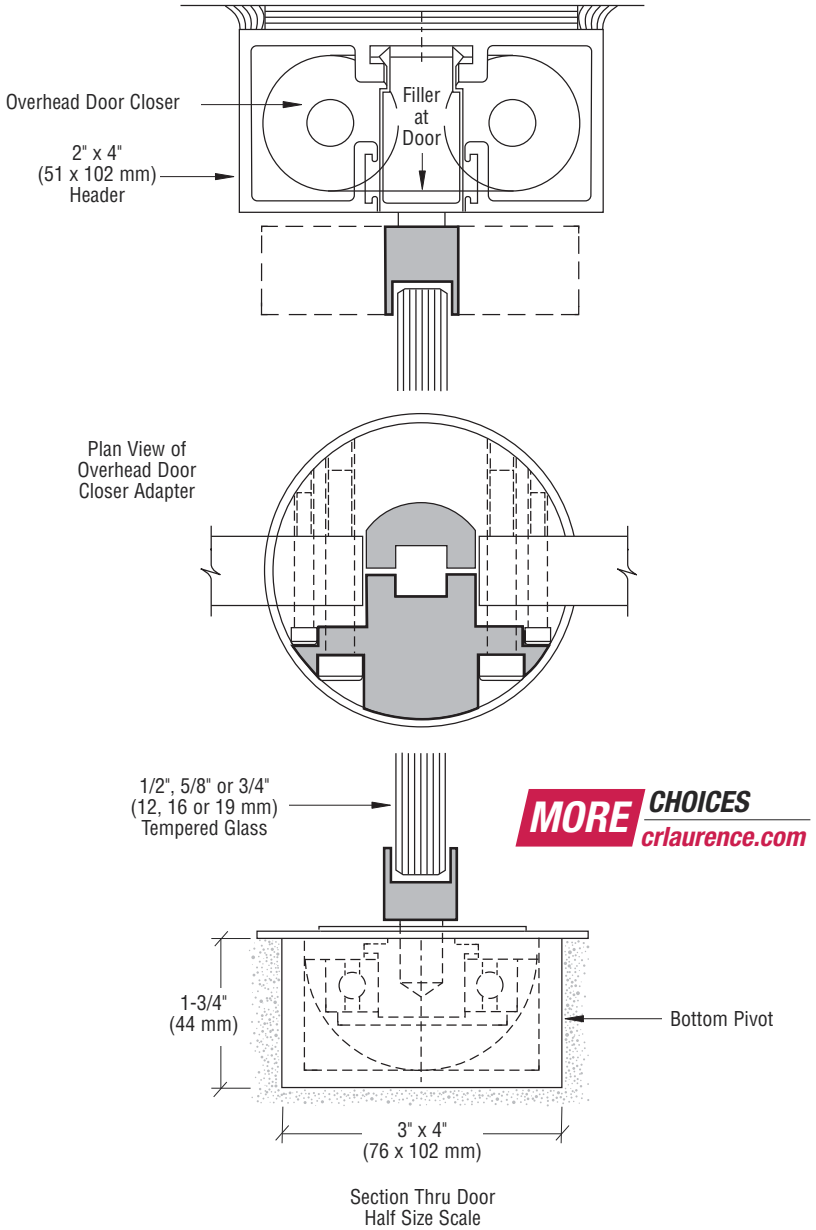
CRL Blumcraft 1301 Series Entrance Doors and Sidelites

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

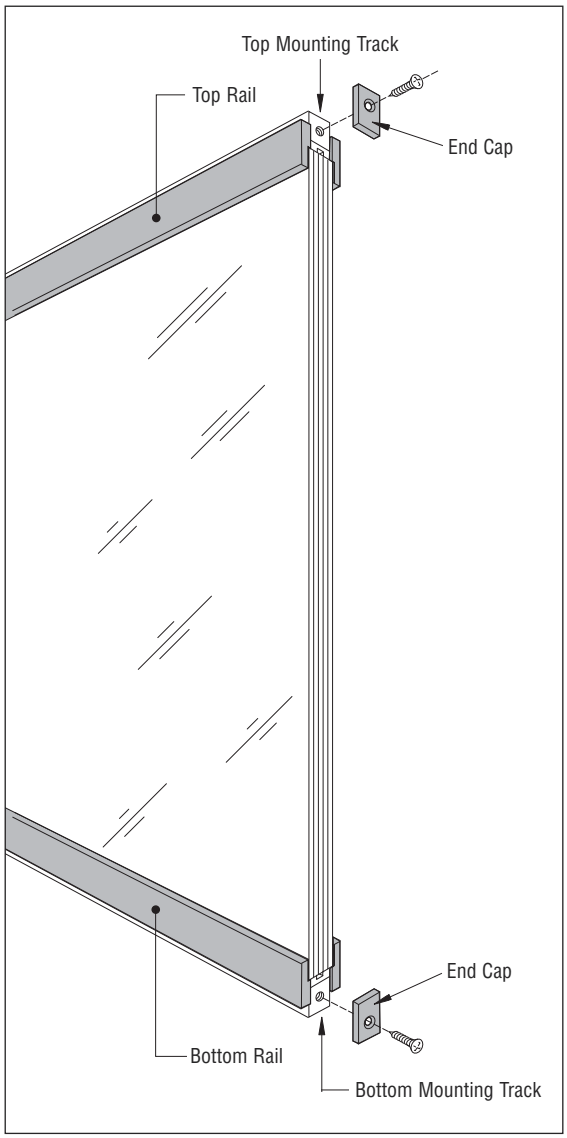
• Compatible With Overhead Door Closers

When job conditions do not allow for a floor mounted door closer, the 1301 Series Entrance Door can be configured to work with an overhead concealed door closer. A custom 1" (25 mm) high Top Rail with Sideload Adaptor and specially designed Bottom Pivot make this application clean and simple, while maintaining the "more glass, less metal" theme.

USE MONOLITHIC TEMPERED GLASS



Section Thru Door
Half Size Scale



• Fully Glazed Matching Sidelites

Fully glazed sidelites are also available with matching top and bottom rails. For those installations that require field glazing of the fixed panels we offer Wet Glaze Channels (see page CH047).

For additional information contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at crlaurence.com/support.

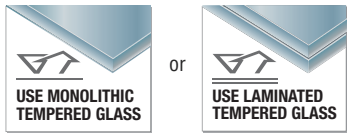
CRL Blumcraft 1301 Series Display Case Doors and Sidelites

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- **Fully Glazed With 3/8", 1/2", 5/8" or 3/4" (10, 12, 16 or 19 mm) Laminated or Tempered Glass**
- **Five Standard Architectural Finishes**
- **Custom Finishes Available**

MORE INFORMATION crlaurence.com

CRL USA ALUMINUM MANUFACTURED IN THE USA



CRL Blumcraft 1301 Series Display Case Doors and Sidelites provide the most clear viewable area of any heavy glass display case system available today. Top and bottom rails measure only 1-1/4" x 1-1/4" (32 x 32 mm), and are prepped for pivots and locks.

We offer two systems, the 1301-SM Series With Surface Mounted Pivots, and the 1301-CM Series With Continuous Mounting Bars that house the pivots, locks, and catches. Both are available with center or offset pivots.

Matching fully glazed sidelites and an optional perimeter trim are available for both systems. 1301 Display Case Doors and Sidelites are available in five standard architectural finishes: satin anodized, black bronze anodized, brushed or polished stainless steel, and polished brass. Powder painted or oil rubbed bronze finishes available on special order.

1301 Series Display Case Doors and Sidelites are available with 3/8", 1/2", 5/8" or 3/4" (10, 12, 16 or 19 mm) glass, either tempered or laminated, in clear, tinted, low-iron, anti-reflective, or specialty glass upon request.



CRL Blumcraft 1301-SM Series Display Case Doors and Sidelites With Surface Mounted Pivots

- **Surface Mounted Pivots**
- **Lever Type Cam Lock**

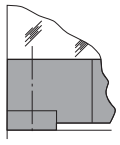
Our 1301-SM Series Display Case Doors and Sidelites are supplied fully glazed with surface mounted pivots and catches for immediate installation into display cases produced by others.

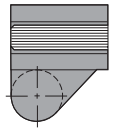
The specially designed surface mount pivots are concealed when the door is in the closed position. An optional Roller Catch/Stop is available for added stability at the top of the door.

1301-SM Doors are also available with offset pivots to allow for less intrusion of the door into the display area.

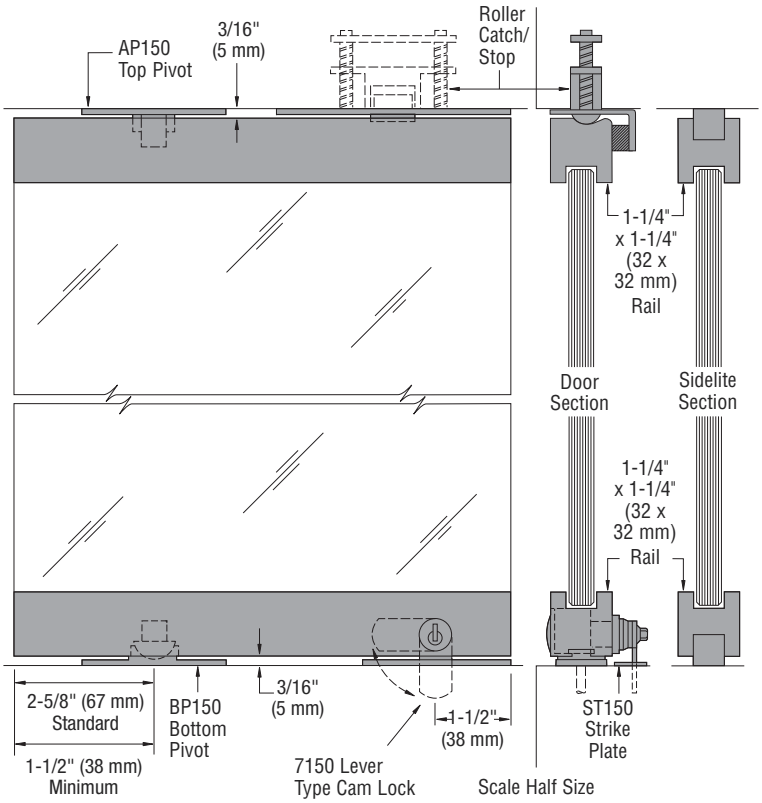
1301-SM Sidelites come glazed with matching top and bottom rails to maintain a consistent sightline throughout.

For additional product information, visit our web site at **crlaurence.com/blumcraft-displays**. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7700. You can also send us an e-mail at **crlaurence.com/support**.


Elevation


Plan View

Offset Pivots



CRL Blumcraft 1301-CM Series Display Case Doors and Sidelites With Continuous Mounting Bars

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

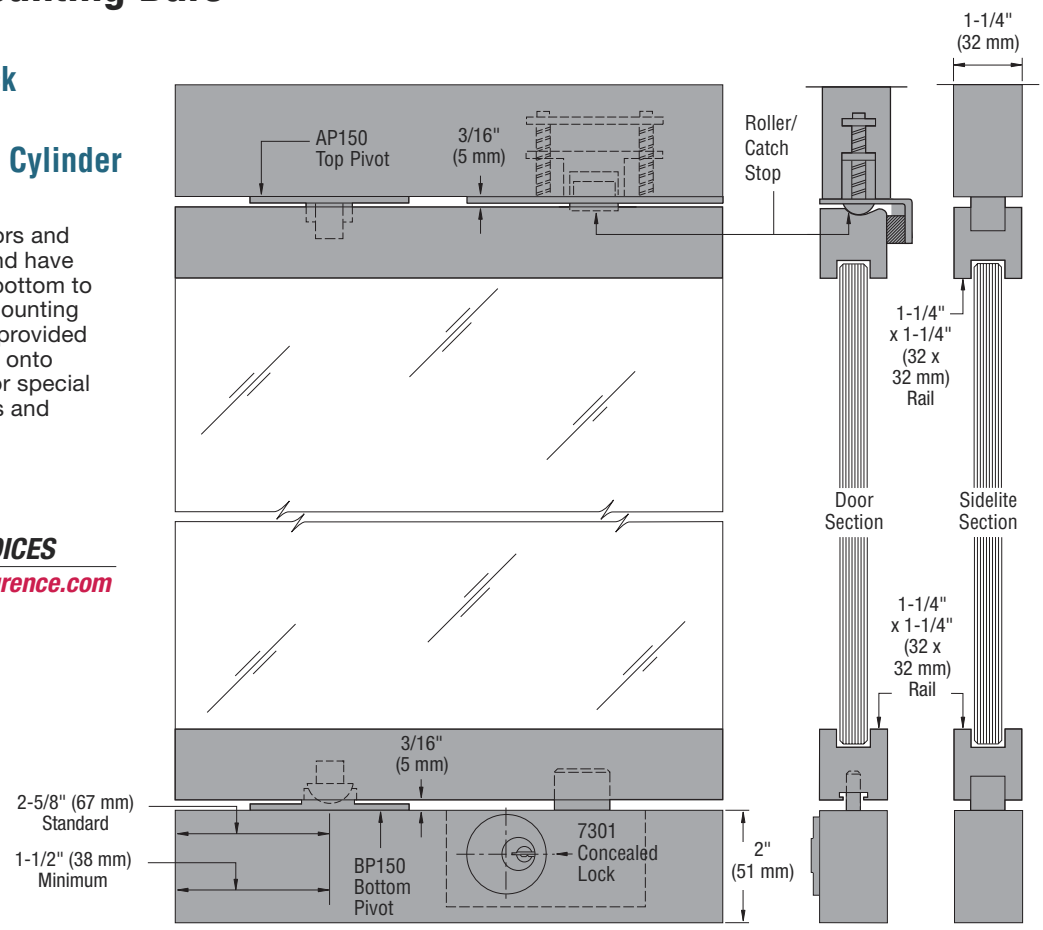
- **Concealed Pivots and Lock for Added Security**
- **Accepts Standard Mortise Cylinder**

1301-CM Series Display Case Doors and Sidelites are supplied fully glazed, and have Continuous Mounting Bars top and bottom to conceal the pivots and locks. The mounting bars are installed into display cases provided by others, and then the doors mount onto the bars. This eliminates the need for special prepping and mortising for the pivots and locks into the display case.

CRL US ALUMINUM MANUFACTURED IN THE USA

MORE CHOICES crlaurence.com

USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS

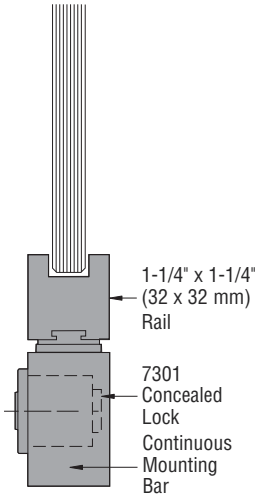


7301 Concealed Lock Used With Series 1301-CM Display Case Doors and Continuous Mounting Bars

The surfaces of the door rails are kept clear by moving the lock and mortise cylinder into the Continuous Mounting Bar. Locks can be located at top, bottom or both for added security.

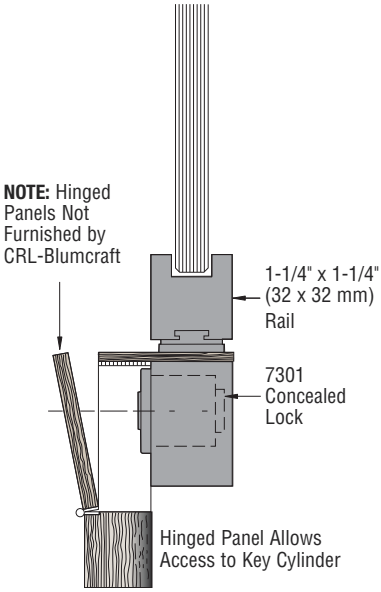
1301 Series Display Case Doors and Sidelites are available with 3/8", 1/2", 5/8" or 3/4" (10, 12, 16 or 19 mm) glass, either tempered or laminated, in clear, tinted, low-iron, anti-reflective, or specialty glass upon request.

For additonal product information, visit our web site at **crlaurence.com/blumcraft-displays**. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7700. You can also send us an e-mail at **crlaurence.com/support**.



Key Cylinder Flush With Face of Wall Below Case

NOTE: Hinged Panels Not Furnished by CRL-Blumcraft



Hinged Panel Allows Access to Key Cylinder

CRL Blumcraft 150 Series Doors and Sidelites

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- Narrow Profile Rails Fully Glazed With 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass
- Six Standard Architectural Finishes
- Custom Finishes Available
- Available With Matching Fully Glazed Sidelites

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



150 Series Door

Shown With PA100D Panic Handle

CRL Blumcraft 150 Series Doors and Sidelites are supplied fully glazed with 1/2", 5/8" or 3/4" (12, 16 or 19 mm) tempered glass in clear, tinted or low-iron. Rails are bonded to the glass, and can be prepped for a wide variety of door closer and pivot hardware. A bottom rail lock option is available, or the doors can come complete with any of our Egress Handles mounted on the door, ready to install in the opening.

150 Series Doors have a solid aluminum narrow profile rail design which can be used top or bottom. Available in six standard finishes: satin anodized, black bronze anodized, black powder coat, brushed and polished stainless steel, and polished brass. Custom finishes are available on special order. Maximum door size is 42" (1067 mm) wide by 108" (2743 mm) tall.



Typical Top or Bottom Rail
for 150 and 250 Series Doors and Sidelites

MORE INFORMATION
crlaurence.com

Adjustable pivot blocks are installed in the rails to suit the door closer hardware selected for the project. When overhead door closers are specified, the 150 Series Doors come with an adjustable pivot arm in the top rail and a heavy-duty bottom pivot designed to work with the narrow profile rails. Similarly, when floor mounted door closers are specified, the Doors come with adjustable heavy-duty top and bottom inserts to accept the floor mounted door closer and top pivot hardware.

Fully glazed sidelites are available to match the 150 Series Doors. They have rails made from solid aluminum, anodized or clad, just like the doors, creating a uniform look throughout the opening.

For additional product information, visit our web site at **crlaurence.com/blumcraft-doors**. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7700. You can also send us an email at **crlaurence.com/support**.

CRL Blumcraft 250 Series Doors and Sidelites

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- Narrow Profile Rails With Vertical Stiles
- Fully Glazed With 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass
- Six Standard Architectural Finishes
- Custom Finishes Available
- Available With Matching Fully Glazed Sidelites

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

CRL Blumcraft 250 Series Doors and Sidelites are supplied fully glazed with 1/2", 5/8" or 3/4" (12, 16 or 19 mm) tempered glass in clear, tinted or low-iron. Rails and Vertical Stiles are bonded to the glass, and can be prepped for a wide variety of door closer and pivot hardware. A bottom rail lock option is available, or the doors can come complete with any of our Egress Handles mounted on the door, ready to install in the opening.

250 Series Doors have the same solid aluminum narrow profile rail design found on the 150 Series Doors, but also have narrow vertical stiles with or without weatherstripping. Available in six standard finishes: satin anodized, black bronze anodized, black powder coat, brushed and polished stainless steel, and polished brass. Custom finishes are available on special order. Maximum door size is 42" (1067 mm) wide by 108" (2743 mm) tall.

Adjustable pivot blocks are installed in the rails to suit the closer hardware selected for the project. When overhead door closers are specified, the 250 Series Doors come with an adjustable pivot arm in the top rail and a heavy-duty bottom pivot designed to work with the narrow profile rails. Similarly, when floor mounted door closers are specified, the Doors come with adjustable heavy-duty top and bottom inserts to accept the floor mounted door closer and top pivot hardware.

MORE INFORMATION
crlaurence.com



250 Series Door
Shown With DB170JS Deadbolt Handle



Aluminum
250 Series Door Stile
Without Weatherstripping



Bronze or Stainless Steel
250 Series Door Stile
With Weatherstripping

Fully glazed sidelites are available to match the 250 Series Doors. They have rails made from solid aluminum, anodized or clad, just like the doors, creating a uniform look throughout the opening.

For additional information, visit our web site at **crlaurence.com/blumcraft-doors**. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7700. You can also send us an e-mail at **crlaurence.com/support**.

CRL Blumcraft 1200 Series Doors

- Vertical Pivot Tube With Patented Wedge-Lock® Glass Securing System
- Fully Glazed With 1/2" (12 mm) Tempered Glass
- No Top or Bottom Rails
- Accommodates Doors Up to 12 Feet (3.66 m) Tall
- Available in Six Standard Architectural Finishes

USE MONOLITHIC TEMPERED GLASS

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.



We have incorporated our patented Wedge-Lock® Glass Securing System into a 5" (127 mm) diameter Vertical Pivot Tube, ensuring a non-slip environment for the life of the door.

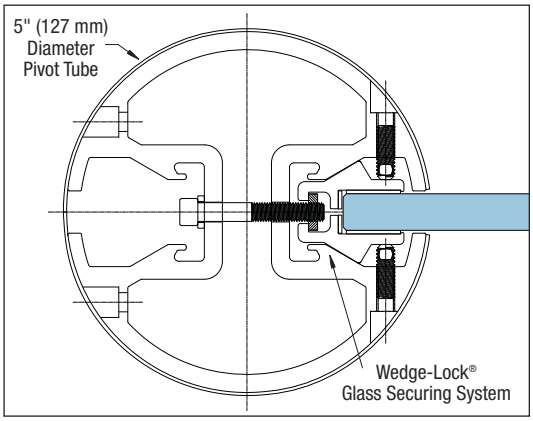
With no rails top and bottom the entire weight of the door is transferred through the Pivot Tube to a specially engineered, heavy-duty, load-bearing cement case, independent of the floor mounted door closer. 1200 Series Doors utilize a heavy-duty walking beam pivot at the top of the Pivot Tube that can be incorporated into a variety of different headers to create a desired look. Floor mounted door closer functionality is preserved in this uniquely different entrance system.



Heavy-Duty Walking Beam Top Pivot



Heavy-Duty Load-Bearing Cement Case and Closer



MORE CHOICES
crlaurence.com

Options

CRL Blumcraft 1200 Series Doors can be ordered with a full length rail across the top, bottom, or both top and bottom of the door to allow for the use of optional locking or monitoring hardware. The rail is coped to fit snug against the hinge tube creating an appealing transition from round to square materials.

To create a secure opening, a small patch rail with lock can be added to the bottom of the door. Also, any of our Egress Handles or Locking Ladder Pulls may be added. All hardware comes mounted to the door and is ready for installation into your opening.



Optional Full Bottom Rail with Lock



Optional Bottom Patch Rail with Lock



Optional Locking Ladder Pulls

For additional product information, visit our web site at **crlaurence.com/blumcraft-doors**. For technical assistance contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

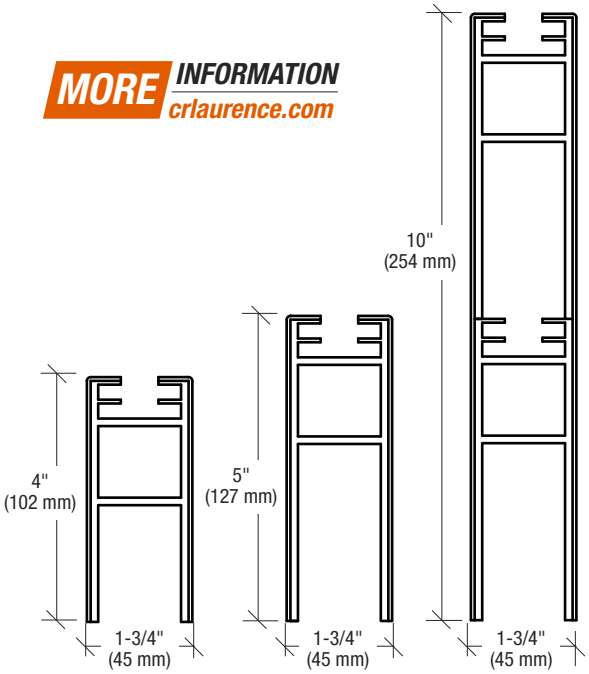
CRL Platinum Series Full Framed Architectural Doors

- Designed, Engineered, and Manufactured by CRL
- Supplied With 1/4" to 1" (6 to 25 mm) Monolithic, Laminated or Insulating Glass
- Narrow, Medium, and Wide Stiles to Choose From
- No Exposed Glass Stops
- Clad Aluminum Construction
- Seven Standard Architectural Finishes

CRL manufactures a full line of Full Framed Architectural Doors for interior and exterior applications. These innovative door systems are available in seven standard architectural finishes, with custom finishes available on special order.

CRL's Platinum Series Full Framed Doors are made to order and can be designed for almost any application. With the ability to prep and install almost any architectural hardware configuration, we are confident we can meet your design requirements. We offer a wide selection of top and bottom rail sizes. Mid-rails or applied mullions can be incorporated.

MORE INFORMATION crlaurence.com



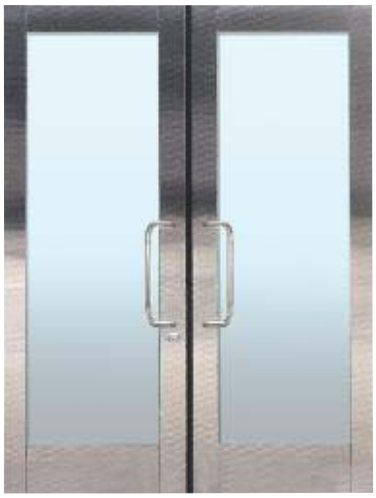
Top and Bottom Rail Options

With all of our Platinum Series Full Framed Doors you have three standard rail options for the top and bottom rails: 4", 5", and 10" (102, 127, and 254 mm). We can also provide custom height rails to meet your needs. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at crlaurence.com/support.



FFN1 Series
Narrow Stile Door





FFM1 Series
Medium Stile Door





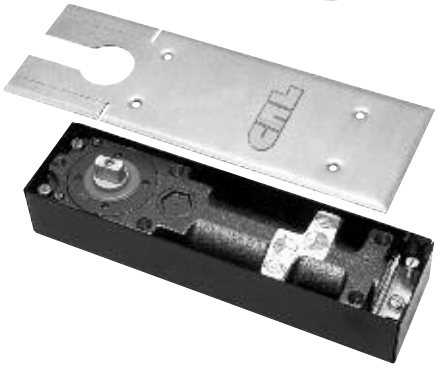
FFW1 Series
Wide Stile Door



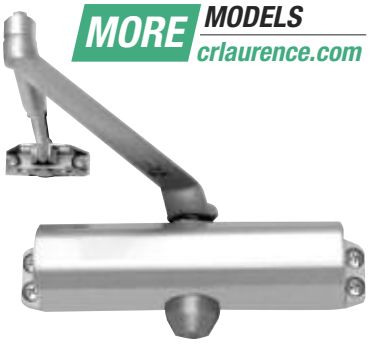
The Right Door Closer for the Job

Popular types of door closers are Surface Mounted, Overhead Concealed, and Floor Mounted. Surface Mounted Closers are the most common and least expensive to install. They are readily available, and take very little time and effort to mount. They are easily replaced, and provide a wide variety of features and options that are sometimes not found on other types of closers. Overhead Concealed Closers mounted in the header are commonly used with storefront applications using aluminum frames and doors. They offer a non-obtrusive, economical means of controlling a door without the expense and corrosion factors associated with Floor Mounted Closers, which are the most expensive to install, and are often subject to premature failure due to corrosion. However, Floor Mounted Closers must be considered when dealing with heavy doors or high foot traffic. They provide the most efficient mechanical means of controlling a door, and are able to sustain the most abuse.





MORE MODELS
crlaurence.com

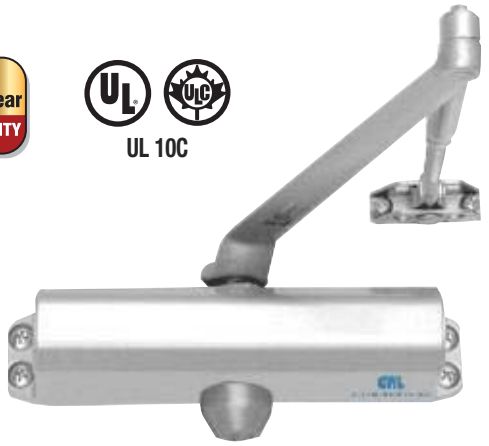


CRL DC50 Series Grade 1 Surface Mounted Door Closers

- Engineered for Commercial and Residential Use
- Adjustable Backcheck Standard (DC52-DC55 Models)
- Install on Aluminum, Metal, and Wood Doors
- 10 Year Limited Warranty

10 year WARRANTY

UL 10C



CRL DC50 Series Surface Mounted Door Closers cover a wide range of door sizes and weights, from a Size 1 (DC51) intended for light commercial and residential applications, to a Size 5 (DC55) for heavy commercial door applications. With both closing and latching speeds independently adjustable, they will satisfy your customer's requirements for smooth operating door control.

CLOSER SELECTION DATA

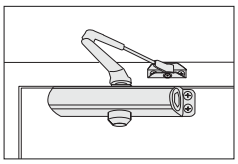
CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH) INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	APPLICABLE DOOR WEIGHT
DC51	1	32" (0.81 m)	30" (0.76 m)	26" (0.66 m)	33-66 Lbs. (15-30 kg)
DC52	2	36" (0.91 m)	32" (0.81 m)	28" (0.71 m)	66-99 Lbs. (30-45 kg)
DC53	3	42" (1.07 m)	36" (0.91 m)	32" (0.81 m)	99-143 Lbs. (45-65 kg)
DC54	4	48" (1.22 m)	42" (1.07 m)	36" (0.91 m)	143-187 Lbs. (65-85 kg)
DC55	5	54" (1.37 m)	48" (1.22 m)	42" (1.07 m)	187-264 Lbs. (85-120 kg)

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
DC51A	Aluminum	1	Light Commercial/Residential
DC51BRZ	Dark Bronze	1	Light Commercial/Residential
DC52A	Aluminum	2	Light-Duty
DC52BRZ	Dark Bronze	2	Light-Duty
DC53A	Aluminum	3	Standard-Duty
DC53BRZ	Dark Bronze	3	Standard-Duty
DC54A	Aluminum	4	Standard-Duty
DC54BRZ	Dark Bronze	4	Standard-Duty
DC54W	White	4	Standard-Duty
DC54BLK	Black	4	Standard-Duty
DC55A	Aluminum	5	Heavy-Duty Commercial
DC55BRZ	Dark Bronze	5	Heavy-Duty Commercial

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

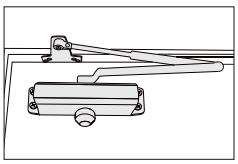
UL is a registered trademark of UL LLC.

• Non-Handed, Reversible Closers Can Be Mounted Three Different Ways



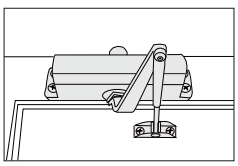
Regular Projecting Arm Installation

Closer installed on "PULL" side of the door.



Parallel Arm Installation

Closer installed on "PUSH" side of the door.



Top Jamb Installation

Closer Installed above door on "PUSH" side.

CRL PR80 Series Adjustable Spring Power Surface Mounted Door Closers

- Multi-Size Adjustable Spring Power Closers Ranging in Size From 1 to 5
- Adjustable Backcheck Standard
- 10 Year Limited Warranty

UL 10C

PR82 Series Only



CLOSER SELECTION DATA

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH) INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	APPLICABLE DOOR WEIGHT
PR80	2 - 5	36"-54" (0.91-1.37 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs (30-120 kg)
PR82BF	1 - 4	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	24"-36" (0.61-0.91 m)	33-187 Lbs (15-85 kg)

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
PR80A	Aluminum	2 - 5	Adjustable
PR80DU	Dark Bronze	2 - 5	Adjustable
PR80BLK	Black	2 - 5	Adjustable
PR82BFA	Aluminum	1 - 4	Barrier-Free/Adjustable
PR82BFDU	Dark Bronze	1 - 4	Barrier-Free/Adjustable
PR82BFBLK	Black	1 - 4	Barrier-Free/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

CRL PR80 Series Adjustable Spring Power Surface Mounted Door Closers adjust in a range from Size 1 through 5 to accommodate doors from 24" through 54" (610 to 1371 mm) and up to 264 pounds (120 kg). A Barrier-Free (low opening resistance) model is available to comply with A.D.A. opening force requirements. Closing and latching speed controls are independently adjustable.

Parallel Arm Brackets and mounting hardware are included with each closer permitting universal installation for regular, top jamb or parallel arm applications.

CRL PR70 Series Adjustable Spring Power Surface Mounted Door Closers

- Multi-Size Adjustable Spring Power Closers Ranging in Sizes BF 1/2 to 6
- Adjustable Backcheck Standard
- 10 Year Limited Warranty

UL 10C

PR70 & PR72 Series Only



CLOSER SELECTION DATA

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH) INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	APPLICABLE DOOR WEIGHT
PR70BF	1/2 - 4	28"-48" (0.71-1.22 m)	24"-42" (0.61-1.07 m)	20"-36" (0.51-0.91 m)	22-187 Lbs. (10-85 kg)
PR72DA	1/2 - 4	28"-48" (0.71-1.22 m)	24"-42" (0.61-1.07 m)	20"-36" (0.51-0.91 m)	22-187 Lbs. (10-85 kg)
PR74BC	2 - 6	36"-58" (0.91-1.47 m)	32"-52" (0.81-1.32 m)	28"-48" (0.71-1.22 m)	66-330 Lbs. (30-150 kg)
PR76DA	2 - 6	36"-58" (0.91-1.47 m)	32"-52" (0.81-1.32 m)	28"-48" (0.71-1.22 m)	66-330 Lbs. (30-150 kg)

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
PR70BFA	Aluminum	1/2 - 4	Barrier-Free/Adjustable
PR70BFDU	Dark Bronze	1/2 - 4	Barrier-Free/Adjustable
PR70BFBG	Bright Gold	1/2 - 4	Barrier-Free/Adjustable
PR70BFCH	Bright Chrome	1/2 - 4	Barrier-Free/Adjustable
PR72DAA	Aluminum	1/2 - 4	Delayed Action/Adjustable
PR72DADU	Dark Bronze	1/2 - 4	Delayed Action/Adjustable
PR72DABG	Bright Gold	1/2 - 4	Delayed Action/Adjustable
PR72DACH	Bright Chrome	1/2 - 4	Delayed Action/Adjustable
PR74BCA	Aluminum	2 - 6	Adjustable
PR74BCDU	Dark Bronze	2 - 6	Adjustable
PR76DAA	Aluminum	2 - 6	Delayed Action/Adjustable
PR76DADU	Dark Bronze	2 - 6	Delayed Action/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

CRL PR70 Series Adjustable Spring Power Surface Mounted Door Closers offer A.D.A. Barrier-Free (low opening resistance), Delayed Action models to allow adjustable delayed closing, and heavy-duty full range models for full control of heavier commercial doors.

The Delayed Action feature adjusts the time a door will remain open to facilitate ease of progress through the opening. This feature is valuable in health care facilities and public buildings that require door closers to momentarily stay open.

Parallel Arm Brackets and mounting hardware are included with each closer permitting universal installation for regular, top jamb or parallel arm applications.

CRL Accessories for DC50, PR70, and PR80 Series Surface Mounted Door Closers

MORE CHOICES crlaurence.com

CRL Sex Bolt Sets

- For Use on 1-3/4" (45 mm) Doors

CAT. NO.	FINISH
DCSBA	Aluminum
DCSBBRZ	Dark Bronze
DCSBBG	Bright Gold
DCSBCH	Bright Chrome

Minimum order: 1 pack. Finishes can be combined for quantity pricing.



- Four Per Pack

CRL Wide Drop Plates

- For Use With DC50 and PR80 Series Closers

CAT. NO.	FINISH
DC53DPA	Aluminum
DC53DPBRZ	Dark Bronze
DC54DPA	Aluminum
DC54DPBRZ	Dark Bronze
DC54DPBLK	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:
DC53 Series 8-7/8" x 3-1/2" (225 x 89 mm)
DC54 Series 9-3/4" x 3-1/2" (248 x 89 mm)

CRL Narrow Drop Plates

- For Use With DC50 and PR80 Series Closers

CAT. NO.	FINISH
DC53NDPA	Aluminum
DC53NDPBRZ	Dark Bronze
DC54NDPA	Aluminum
DC54NDPBRZ	Dark Bronze
DC54NDPBLK	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:
DC53 Series 8-7/8" x 2-5/16" (225 x 59 mm)
DC54 Series 9-3/4" x 2-5/16" (248 x 59 mm)

CRL Wide Drop Plates

- For Use With PR70 Series Closers

CAT. NO.	FINISH
PR70DPA	Aluminum
PR70DPBRZ	Dark Bronze
PR70DPBG	Bright Gold
PR70DPCH	Bright Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.



OVERALL DIMENSIONS:
11-7/8" x 3-1/2" (302 x 89 mm)

CRL Parallel Arm Drop Plates

- For Use With PR70 Series Closers

CAT. NO.	FINISH
PR70DPPAA	Aluminum
PR70DPPABRZ	Dark Bronze
PR70DPPABG	Bright Gold
PR70DPPACH	Bright Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.



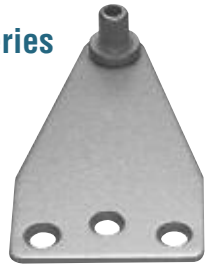
OVERALL DIMENSIONS:
12-1/8" x 4-3/4" (308 x 121 mm)

CRL Parallel Arm Brackets

- For Use With DC50 and PR80 Series Regular Non-Hold Open Arms

CAT. NO.	FINISH
DC7PABA	Aluminum
DC7PABBRZ	Dark Bronze
DC7PABBLK	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Regular Closer Arms

- Fit DC50, PR70, and PR80 Series Closers

CAT. NO.	FINISH
DC50CAA	Aluminum
DC50CABRZ	Dark Bronze
DC50CABLK	Black

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Door Pressure Gauge

- Helps to Determine if Amount of Force Required to Open Doors Meets A.D.A. Regulations
- Range is From 0 to 35 Pounds (0 to 15.9 kg)



CAT. NO. HMC035
Minimum order is one each.

CRL Hold Open Arms

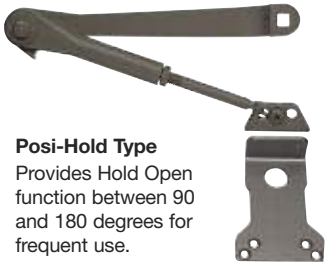
- Parallel Hold Open Bracket Included

FRICTION TYPE CAT. NO.	POSI-HOLD TYPE CAT. NO.	FINISH
DCH0AA	DCPH0AA	Aluminum
DCH0ABRZ	DCPH0ABRZ	Dark Bronze
DCH0ABLK	---	Black
DCH0ABG	DCPH0ABG	Bright Gold
DCH0ACH	DCPH0ACH	Bright Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.



Friction Type
Provides Hold Open function between 90 and 180 degrees for occasional Hold Open need.



Posi-Hold Type
Provides Hold Open function between 90 and 180 degrees for frequent use.

CRL PR40 Series Grade 1 Adjustable Spring Power Surface Mounted Door Closers

- Adjustable Spring Power Multi-Size Range 1 to 5
- Adjustable Backcheck Standard
- 10 Year Limited Warranty
- Non-Handed, Reversible Closers Can Be Mounted Three Different Ways

UL 10C

PR40 Model Only



CLOSER SELECTION DATA

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH) INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	APPLICABLE DOOR WEIGHT
PR40	1 - 4	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	24"-36" (0.61-0.91 m)	33-187 Lbs. (15-85 kg)
PR42	2 - 5	36"-54" (0.91-1.37 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs. (30-120 kg)
PR44DA	2 - 5	36"-54" (0.91-1.37 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs. (30-120 kg)

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
PR40A	Aluminum	1 - 4	Barrier-Free/Adjustable
PR40DU	Dark Bronze	1 - 4	Barrier-Free/Adjustable
PR42A	Aluminum	2 - 5	Adjustable
PR42DU	Dark Bronze	2 - 5	Adjustable
PR44DAA	Aluminum	2 - 5	*Delayed Action/Adjustable
PR44DADU	Dark Bronze	2 - 5	*Delayed Action/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing. * **NOTE:** Backcheck feature is not available on Delayed Action models.

When demanding closer specs are required, consider our PR40 Series Surface Mounted Door Closers. Recommended for high traffic areas, such as public buildings, airports, and shopping centers. Closing and latching speed controls are independently adjustable.

PR40 Series Closers have a compact design closer body and share a common 9-1/16" x 3/4" (230 x 19 mm) mounting hole template, making it ideal for both new and retrofit applications. Parallel Arm Brackets and mounting hardware is included with each closer permitting universal application for regular, top jamb or parallel arm applications.

MORE CHOICES crlaurence.com

CRL PR50 Series Grade 1 Adjustable Spring Power Surface Mounted Door Closers

- Adjustable Spring Power Multi-Size Range 1 to 5
- Adjustable Backcheck Standard
- 10 Year Limited Warranty

UL 10C

PR50 Model Only



CLOSER SELECTION DATA

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH) INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	APPLICABLE DOOR WEIGHT
PR50	1 - 4	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	24"-36" (0.61-0.91 m)	33-187 Lbs. (15-85 kg)
PR52	2 - 5	36"-54" (0.91-1.37 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs. (30-120 kg)
PR54DA	2 - 5	36"-54" (0.91-1.37 m)	32"-48" (0.81-1.22 m)	28"-42" (0.71-1.07 m)	66-264 Lbs. (30-120 kg)

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
PR50A	Aluminum	1 - 4	Barrier-Free/Adjustable
PR50DU	Dark Bronze	1 - 4	Barrier-Free/Adjustable
PR52A	Aluminum	2 - 5	Adjustable
PR52DU	Dark Bronze	2 - 5	Adjustable
PR54DAA	Aluminum	2 - 5	*Delayed Action/Adjustable
PR54DADU	Dark Bronze	2 - 5	*Delayed Action/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing. * **NOTE:** Backcheck feature is not available on Delayed Action models.

To meet demanding closer specifications, and a need for a larger footprint for matching or covering existing hole patterns, consider the CRL PR50 Series Surface Mounted Door Closer. The PR50 Series is a Multi-Size Adjustable Spring Power Closer suitable for doors from 24" to 54" (610 to 1371 mm), and weighing from 33 to 264 pounds (15 to 120 kg).

Parallel Arm Brackets and mounting hardware is included with each closer permitting universal installation for regular, top jamb or parallel arm applications.

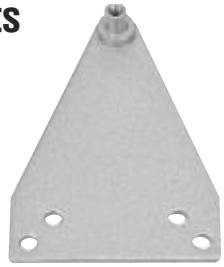
UL is a registered trademark of UL LLC.

CRL Accessories for PR40 and PR50 Series Surface Mounted Door Closers

MORE MODELS crlaurence.com

CRL Parallel Arm Brackets

- For Use With Regular Non-Hold Open Arms



CAT. NO.	FINISH
PR4050PABA	Aluminum
PR4050PABDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Parallel Arm Drop Plates

- For Push Side Parallel Arm Installation



OVERALL DIMENSIONS:
13" x 4-13/16" (330 x 122 mm)

CAT. NO.	FINISH
PR50DPPAA	Aluminum
PR50DPPADU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Parallel Hold Open Arm Brackets

- Required for Use With Hold Open Arms



CAT. NO.	FINISH
PR459H0PABA	Aluminum
PR459H0PABDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Wide Drop Plates

- Provides a Solid Mounting Surface



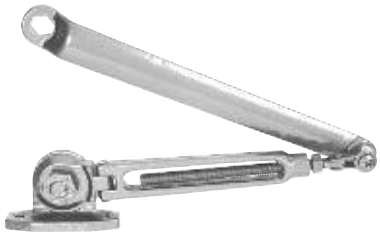
OVERALL DIMENSIONS:
PR40 Series 9-3/4" x 3-3/8" (248 x 86 mm)
PR50 Series 13" x 3-9/16" (330 x 90 mm)

CAT. NO.	FINISH
PR40DPA	Aluminum
PR40DPDU	Dark Bronze
PR50DPA	Aluminum
PR50DPDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Hold Open Arms

- Non-Handed Friction Type Arm



CAT. NO.	FINISH
PR4050H0AA	Aluminum
PR4050H0ADU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Narrow Drop Plates

- Use for Top Jamb Applications



OVERALL DIMENSIONS:
PR40 Series 9-3/4" x 2-9/16" (248 x 65 mm)
PR50 Series 13" x 2-3/16" (330 x 56 mm)

CAT. NO.	FINISH
PR40NDPA	Aluminum
PR40NDPDU	Dark Bronze
PR50NDPA	Aluminum
PR50NDPDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Sex Bolt Sets

- For Use On 1-3/4" (45 mm) Doors



CAT. NO.	QTY/PACK	FINISH
DCSBA	4	Aluminum
DCSBBRZ	4	Dark Bronze

Minimum order: 1 pack. Finishes can be combined for quantity pricing.

CRL PR90 Series Grade 1 Adjustable Spring Power Surface Mounted Door Closers

- Adjustable Spring Power Multi-Size Range 1 to 6
- Durable Cast Iron Closer Body With Finished Cover
- Adjustable Backcheck Standard
- 10 Year Limited Warranty

MORE CHOICES crlaurence.com

10 year WARRANTY

UL 10C

All PR90 Models



The CRL PR90 Grade 1 Adjustable Spring Power Surface Mounted Door Closer is recommended for high traffic public buildings such as hospitals, airports and shopping centers, to meet both A.D.A. accessibility requirements, and provide durability and maintenance free service. Closing and latching speed controls are independently adjustable.

CLOSER SELECTION DATA

CLOSER MODEL	CLOSER SIZE	APPLICABLE DOOR SIZE (WIDTH) INTERIOR DOOR	EXTERIOR DOOR SWING OUT	EXTERIOR DOOR SWING IN	APPLICABLE DOOR WEIGHT
PR90	1 - 6	32"-58" (0.81-1.47 m)	28"-52" (0.71-1.32 m)	24"-48" (0.61-1.22 m)	33-330 Lbs. (15-150 kg)
PR92DA	1 - 6	32"-58" (0.81-1.47 m)	28"-52" (0.71-1.32 m)	24"-48" (0.61-1.22 m)	33-330 Lbs. (15-150 kg)

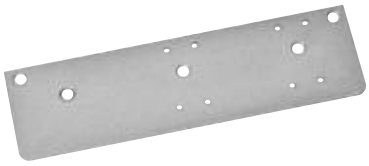
CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
PR90A	Aluminum	1 - 6	Barrier-Free/Adjustable
PR90DU	Dark Bronze	1 - 6	Barrier-Free/Adjustable
PR92DAA	Aluminum	1 - 6	*Delayed Action/Adjustable
PR92DADU	Dark Bronze	1 - 6	*Delayed Action/Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing. * **NOTE:** Backcheck feature is not available on Delayed Action models.

CRL Accessories for PR90 Series Surface Mounted Door Closers

CRL Drop Plates - Pull Side

- Provides a Solid Mounting Surface



CAT. NO.	FINISH
PR90DPA	Aluminum
PR90DPDU	Dark Bronze

Minimum order: 1 each.

OVERALL DIMENSIONS:
12-1/4" x 3-7/16" (311 x 87 mm)
Equivalent to LCN® 18

CRL Drop Plates - Top Jamb

- Usable for Top Jamb Applications



CAT. NO.	FINISH
PR90DPJMA	Aluminum
PR90DPJMDU	Dark Bronze

Minimum order: 1 each.

OVERALL DIMENSIONS:
12-1/4" x 3-7/16" (311 x 87 mm)
Equivalent to LCN® 18TJ

CRL Drop Plates - Flush Top Jamb

- Usable for Flush Top Jamb Applications



CAT. NO.	FINISH
PR90DPFMA	Aluminum
PR90DPFMDU	Dark Bronze

Minimum order: 1 each.

OVERALL DIMENSIONS:
12-1/4" x 3-7/16" (311 x 87 mm)
Equivalent to LCN® 18G

CRL Drop Plates - Parallel Arm

- For Push Side Parallel Arm



CAT. NO.	FINISH
PR90DPPAA	Aluminum
PR90DPPADU	Dark Bronze

Minimum order: 1 each.

OVERALL DIMENSIONS:
12-1/4" x 5-1/4" (311 x 133 mm)
Equivalent to LCN® 18PA

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LCN is a registered trademark of Allegion plc.

CRL Accessories for PR90 Series Surface Mounted Door Closers

MORE INFORMATION
crlaurence.com

CRL Closer Body Covers

- Full Body Cover

CAT. NO.	FINISH
PR9CVRA	Aluminum
PR9CVRDU	Dark Bronze

Minimum order: 1 each.



CRL Sex Bolt Sets

- Four Per Pack
- For Use on 1-3/4" (45 mm) Doors

CAT. NO.	FINISH
DCSBA	Aluminum
DCSBBRZ	Dark Bronze

Minimum order: 1 pack.



CRL Parallel Arm Brackets

- For Use With Regular Non-Hold Open Arms

CAT. NO.	FINISH
PR90PABA	Aluminum
PR90PABDU	Dark Bronze

Minimum order: 1 each.



CRL Replacement Screw Packages

- Finishes to Match Closer Hardware

CAT. NO.	FINISH
PR90SA	Aluminum
PR90SDU	Dark Bronze

Minimum order: 1 pack.

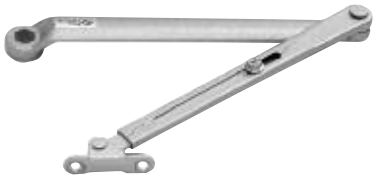


CRL Regular Closer Arms

- Replacement Arms for PR90 Series

CAT. NO.	FINISH
PR90CAA	Aluminum
PR90CADU	Dark Bronze

Minimum order: 1 each.



CRL Extended Rod Assemblies

- Use With Reveals Up to 4-1/2" (114 mm)

CAT. NO.	FINISH
PR90AXTA	Aluminum
PR90AXTDU	Dark Bronze

Minimum order: 1 each.



CRL Hold Open Arms

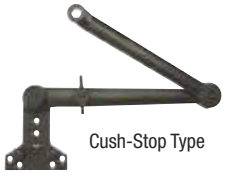
- Choice Between Non-Handed Friction Type Arm or Cushion-Mechanical Turn Type Arm

CAT. NO.	TYPE	FINISH
PR90H0AA	Friction	Aluminum
PR90H0ADU	Friction	Dark Bronze
90H0CAAL	Cush-Stop	Aluminum
90H0CADU	Cush-Stop	Dark Bronze

Minimum order: 1 each.



Friction Type



Cush-Stop Type

CRL Hold Open Parallel Arm Brackets

- Required for Use With Friction Type Hold Open Arms

CAT. NO.	FINISH
PR459H0PABA	Aluminum
PR459H0PABDU	Dark Bronze

Minimum order: 1 each.



All finishes of products on this page can be combined for quantity pricing.

LCN® 4040XP Series Surface Mounted Door Closers

- Multi-Size Adjustable Spring Power Closers Ranging In Sizes 1 Through 6
- Tested to Ten Million Cycles
- Designed for Demanding High Traffic Applications
- Certified ANSI A156.4, Grade 1

UL 10C

10 year WARRANTY



The LCN® 4040XP Series Heavy-Duty Door Closer is designed for institutional and other rugged high traffic applications. The 4040XP features the LCN® FAST™ Power Adjust with visual indicator for spring power adjustment. For additional product information and available accessories, visit our web site at **crlaurence.com/door-closers**.

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
4041AL	Aluminum	1 - 6	Adjustable Spring Power
4041DU	Dark Bronze	1 - 6	Adjustable Spring Power
4041DAL	Aluminum	1 - 6	Delayed Action / Adjustable
4041DDU	Dark Bronze	1 - 6	Delayed Action / Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

Caution: Any manual door closer, installed and adjusted to comply with A.D.A. or other reduces opening force requirements, may not provide adequate spring power to close and latch a door due to varying site conditions and door size.

LCN® 1460 Series Surface Mounted Door Closers

- Multi-Size Adjustable Spring Power Closers Ranging in Sizes 1 Through 6
- Barrier Free and Delayed Action Models to Meet A.D.A. Barrier-Free Requirements
- Certified ANSI A156.4, Grade 1

UL 10C

10 year WARRANTY



The LCN® 1460 can be used for both commercial and institutional applications. This fully universal closer offers a wide variety of options for fast and accurate installations. Slimline design for narrow head frames and top rails. Cast iron cylinder for exceptional service life. UL-listed for use on fire-rated doors. All weather hydraulic fluid eliminates seasonal adjustments.

CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
1461AL	Aluminum	1 - 6	Adjustable Spring Power
1461DU	Dark Bronze	1 - 6	Adjustable Spring Power
1461DAL	Aluminum	1 - 6	Delayed Action / Adjustable
1461DDU	Dark Bronze	1 - 6	Delayed Action / Adjustable

Minimum order: 1 each. All CRL Door Closers can be combined for quantity pricing.

LCN® Closer Accessories

MORE INFORMATION crlaurence.com

For LCN® Closer Accessories and additional product information, visit our web site at **crlaurence.com/door-closers**.





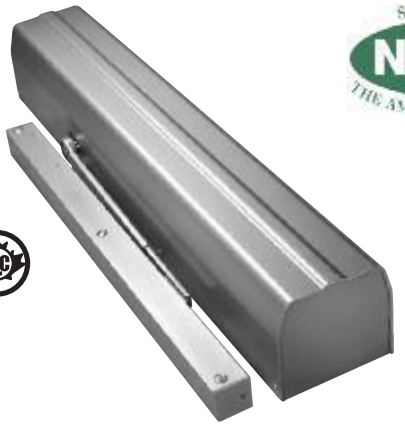


LCN is registered trademark of Allegion plc.
UL is a registered trademark of UL LLC.

Norton® 5700 Series - LEO® Low Energy Power Door Operator

- Complies With A.D.A. Accessibility Guidelines
- Retains Proper Closing Force While Providing A.D.A. Mandated Opening Force
- Meets ANSI/BHMA A156.19 and A.D.A. A156.4
- Easy to Install and Set Up
- Non-Handed

MORE INFORMATION crlaurence.com



UL 10C

Norton's 5700 Series introduces a new generation of power door operators. The patented design of the 5700 is based on ease and simplicity. It installs in minutes rather than hours, and consists of three basic components: inverter, motor, and Norton's 1601 Closer Body.

What separates the Norton 5700 from other operators is its ability to function as a standard door closer. When the door is opened manually, there is little resistance, and the drive train and motor are not engaged. The 1601 Closer, not the motor, controls the closing cycle. Since the door closer does not back-drive the motor during the closing cycle, there is no loss of closer efficiency.

NOTE: This product is a low energy power operator intended for A.D.A. assist openings only. It is not intended to be used for applications requiring a full time automatic operator.



Hinge (Pull) Side



- Adjustable Stop
- 180 Degree Swing (Trim Permitting)
- Minimum Door Width
  Single Door - 29" (737 mm)
  Double Door - 30" (762 mm)
- Maximum Door Width 48" (1219 mm)
- An Auxiliary Stop is Suggested Where Severe Conditions Exist

Stop (Push) Side



- Reveals 2-5/8" to 6-3/4" (67 to 171 mm)
- 170 Degree Swing (Trim Permitting)
- Maximum Door Width 48" (1219 mm)
- An Auxiliary Stop is Required

CAT. NO.	FINISH
LE05741A	Aluminum
LE05741DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

SPECIFICATIONS:
Power Input: 120V AC, 60Hz
Current Draw: .6A
Relay Output: DPDT-N.O./N.C. (jumper)
External On/Off Switch
Adjustable Hydraulic Backcheck
Adjustable Hold Open: 0 to 30 Seconds
Warranty: 2 Year Limited
Finish: Sprayed Combination of Waterborne Acrylic and Polyester Powder Coat
Dimensions:
Body With Cover: 29" (737 mm) x 5-1/4" (133 mm)
Body Projection: 4-5/8" (117 mm)
Track Assembly: 23" (584 mm)

NOTE: Contact CRL Technical Sales for use on doors exceeding 250 lbs. (113 kg)

NOTE: Door Switches and Sensors are not included with 5700 Series Door Operators. These must be ordered separately. (See below).

For additional product information and available accessories, visit our web site at **crlaurence.com/door-closers**.

Norton® 5700 Series - LEO® Accessories



CAT. NO. LE0663
Norton® Motion Sensor



CAT. NO. LE0679
Sign Set
(Includes Seven Decals)



CAT. NO. LE0505
Hardwired Door Switch



CAT. NO. LE0531*
Wireless (RF) Door Switch



CAT. NO. LE0539
Wireless Receiver Kit

*Requires one each LE0539 for each closer operated

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Norton® and LEO® are registered trademarks of Yale Security Inc., an ASSA ABLOY Group Company

CRL Jackson® Overhead Concealed Door Closers

- **Interchangeable With Similar Brands of Overhead Concealed Door Closers**
- **Available in Four Fixed Spring Sizes or Adjustable Spring Models**
- **5 Year Limited Warranty**

5 year WARRANTY

CRL US ALUMINUM MANUFACTURED IN THE USA

jackson crlaurence.com CRL

A.D.A. Compliance Models Available

The Jackson® 20-330 Series Overhead Concealed Door Closer has been the leader in the industry for half a century. The closer is manufactured by C.R. Laurence in Los Angeles, California under strict ISO9001 guidelines, and is designed to give long lasting, maintenance-free performance. This closer is truly universal. One basic closer mechanism allows for single or double acting, center-hung or offset applications, and is non-handed. Suitable for both interior and exterior installations, it provides complete door control in a compact and concealed design. Available in four fixed spring sizes or adjustable spring power, making this the ideal closer for aluminum, wood or hollow metal doors and frames.



Adjustable Spring Power

Fixed Spring

How to Order CRL Jackson® Door Closers

CLOSER SPRING SIZE	MAXIMUM INTERIOR DOOR	MAXIMUM EXTERIOR DOOR
Adjustable	42" (1067 mm) Wide x 96" (2438 mm) Tall	36" (914 mm) Wide x 96" (2438 mm) Tall
Extra Light	36" (914 mm) Wide x 96" (2438 mm) Tall	30" (762 mm) Wide x 96" (2438 mm) Tall
Light	42" (1067 mm) Wide x 96" (2438 mm) Tall	36" (914 mm) Wide x 96" (2438 mm) Tall
Regular	42" (1067 mm) Wide x 96" (2438 mm) Tall	36" (914 mm) Wide x 96" (2438 mm) Tall
Heavy	48" (1219 mm) Wide x 96" (2438 mm) Tall	42" (1067 mm) Wide x 96" (2438 mm) Tall

Product Group:	20 = Closer Body and Accessories 21 = Closer Package
Application:	1 = Overhead Center Hung Package or Body Only 2 = Overhead Offset Package
Closer Type:	0 = Standard Closer 1 = Complies With Grade 1 (A156.4)
Spindle Type:	1 = 1/2" (13 mm) Standard Length 4 = 7/8" (22 mm) Medium Spindle 6 = 1-13/64" (31 mm) Long Spindle - Special Order Only
Package Type:	See Pages CH164-CH165 for Standard Packages M = Closer Mechanism Only
Finish (Offset Package Only):	628 = Satin Aluminum (US28) 313 = Dark Bronze (DBZ)
Swing, Function, and Size:	01 through 28 (See Chart)
Backcheck:	B = With Optional Adjustable Backcheck (Grade 1 Closers Only)

21	2	0	1	P	628	01	B

CATALOG NUMBER

21201P62801

MORE INFORMATION crlaurence.com

This example shows Cat. No. 21201P62801 which is a CRL Jackson® Regular Spring Size, 105 Degree Swing, No Hold-Open Overhead Concealed Closer with the "P" Offset Slide-Arm Hardware Package. Arm Finish is Satin Aluminum.

SWING, FUNCTION, AND SPRING SIZE CHART

#	SWING	FUNCTION	SPRING SIZE
01 =	105°	NH	RD
02 =	105°	HO	RD
03 =	90°	NH	RD
04 =	90°	HO	RD
05 =	105°	NH	LD
06 =	105°	HO	LD
07 =	90°	NH	LD
08 =	90°	HO	LD
09 =	105°	NH	HD
10 =	105°	HO	HD
11 =	90°	NH	HD
12 =	90°	HO	HD
13 =	105°	NH	XLD
14 =	105°	HO	XLD
15 =	90°	NH	XLD
16 =	90°	HO	XLD
NOTE: ADJ Not Available with Grade 1 Closer			
17 =	105°	NH	ADJ
18 =	105°	HO	ADJ
19 =	90°	NH	ADJ
20 =	90°	HO	ADJ
NOTE: 120° Only Available with Grade 1 Closer			
21 =	120°	NH	RD
22 =	120°	HO	RD
23 =	120°	NH	LD
24 =	120°	HO	LD
25 =	120°	NH	HD
26 =	120°	HO	HD
27 =	120°	NH	XLD
28 =	120°	HO	XLD

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CRL Jackson® Overhead Concealed Door Closer Side-Load Arm Packages

- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Choose Adjustable Spring Power Size 1 to 4 to Meet A.D.A. Opening Force Requirements
- 5 Year Limited Warranty

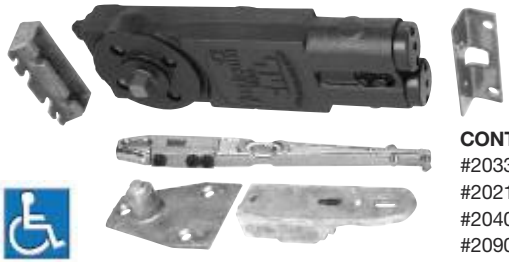
MORE CHOICES
crlaurence.com

For all available Jackson® Door Closers, accessories and product information, visit our web site at **crlaurence.com/door-closers**.



Side-Load "S" Package

- Floor Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail



CONTENTS:
#20330 Closer Body
#20219 Brackets
#20400B Side-Load Arm
#20902 "G" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101S17	21101S01	21101S09	105° No Hold Open
21101S18	21101S02	21101S10	105° Hold Open
21101S19	21101S03	21101S11	90° No Hold Open
21101S20	21101S04	21101S12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "GE" Package

- Threshold Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail



CONTENTS:
#20330 Closer Body
#20219 Brackets
#20400B Side-Load Arm
#20944 "GE" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101GE17	21101GE01	21101GE09	105° No Hold Open
21101GE18	21101GE02	21101GE10	105° Hold Open
21101GE19	21101GE03	21101GE11	90° No Hold Open
21101GE20	21101GE04	21101GE12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "BE" Package

- Threshold Mount Pivot for 1" (25 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail



CONTENTS:
#20330 Closer Body
#20219 Brackets
#20400B Side-Load Arm
#201155 "BE" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101BE17	21101BE01	21101BE09	105° No Hold Open
21101BE18	21101BE02	21101BE10	105° Hold Open
21101BE19	21101BE03	21101BE11	90° No Hold Open
21101BE20	21101BE04	21101BE12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "U" Package

- Threshold Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail



CONTENTS:
#20330 Closer Body
#201380 Brackets
#20400B Side-Load Arm
#20944 "GE" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101U17	21101U01	21101U09	105° No Hold Open
21101U18	21101U02	21101U10	105° Hold Open
21101U19	21101U03	21101U11	90° No Hold Open
21101U20	21101U04	21101U12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL Jackson® Overhead Concealed Door Closer End-Load Arm Packages

- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Choose Adjustable Spring Power Size 1 to 4 to Meet A.D.A. Opening Force Requirements
- 5 Year Limited Warranty

MORE MODELS crlaurence.com

For all available Jackson® Door Closers, accessories and product information, visit our web site at **crlaurence.com/door-closers**.



Adjustable Spring Power

Fixed Spring

End-Load "A" Package

- Threshold Mount Pivot for 1" (25 mm) Deep Bottom Rail
- End-Load Arm for 1" (25 mm) Deep Top Rail



CONTENTS:

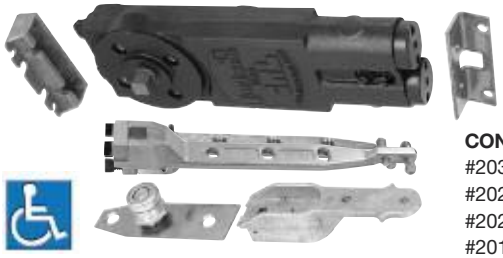
#20330	Closer Body
#20640	Brackets
#202000	End-Load Arm
#20728	"AE" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101A17	21101A01	21101A09	105° No Hold Open
21101A18	21101A02	21101A10	105° Hold Open
21101A19	21101A03	21101A11	90° No Hold Open
21101A20	21101A04	21101A12	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

End-Load "AP" Package

- Floor Mount Pivot for 1-9/16" (40 mm) Deep Bottom Rail
- End-Load Arm for 1" (25 mm) Deep Top Rail



CONTENTS:

#20330	Closer Body
#20219	Brackets
#202000	End-Load Arm
#201060	"P" Pivot

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	HEAVY SPRING CAT. NO.	TYPE
21101AP17	21101AP01	21101AP09	105° No Hold Open
21101AP18	21101AP02	21101AP10	105° Hold Open
21101AP19	21101AP03	21101AP11	90° No Hold Open
21101AP20	21101AP04	21101AP12	90° Hold Open

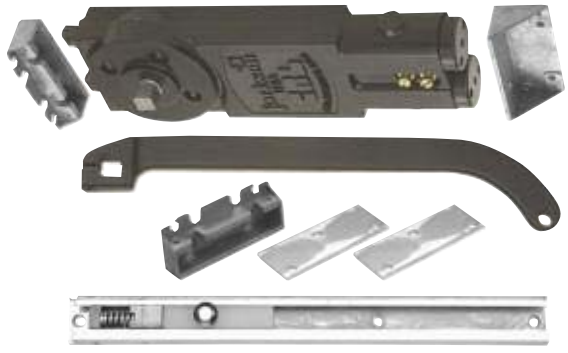
Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL Jackson® Offset Arm "U" Package

- For 7/8" (22 mm) Deep Top Rail
- Use With 3/4" (19 mm) Offset Pivots or Butt Hinged Doors

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	ARM FINISH	TYPE
21201U62817	21201U62801	Aluminum	105° Hold Open
21201U31317	21201U31301	Dark Bronze	105° Hold Open
21201U62818	21201U62802	Aluminum	105° No Hold Open
21201U31318	21201U31302	Dark Bronze	105° No Hold Open
21201U62819	21201U62803	Aluminum	90° Hold Open
21201U31319	21201U31303	Dark Bronze	90° Hold Open
21201U62820	21201U62804	Aluminum	90° No Hold Open
21201U31320	21201U31304	Dark Bronze	90° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



CONTENTS:

#20330	Closer Body
#201387	Mounting Brackets (For Adjustable Spring Model)
#201381	Mounting Brackets (For Regular Spring Model)
#20942	Offset Arm Package (Aluminum or Dark Bronze)
#20368	Slide Channel Assembly

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CRL Jackson® Adjustable Spring Power Overhead Concealed Door Closer Body Only

- Adjustable Spring Power Size 1 (Barrier-Free) to Size 4 (Regular)
- 5 Year Limited Warranty

Although A.D.A. Series Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.



1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	1-13/64" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
20101M17	20104M17	20106M17	Adjustable	105° No Hold Open
20101M18	20104M18	20106M18	Adjustable	105° Hold Open
20101M19	20104M19	20106M19	Adjustable	90° No Hold Open
20101M20	20104M20	20106M20	Adjustable	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL Jackson® Standard Overhead Concealed Door Closer Body Only



1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
20101M13	----	Extra Light	105° No Hold Open
20101M14	----	Extra Light	105° Hold Open
20101M05	20104M05	Light	105° No Hold Open
20101M06	20104M06	Light	105° Hold Open
20101M01	20104M01	Regular	105° No Hold Open
20101M02	20104M02	Regular	105° Hold Open
20101M03	20104M03	Regular	90° No Hold Open
20101M04	20104M04	Regular	90° Hold Open
20101M09	20104M09	Heavy	105° No Hold Open
20101M10	20104M10	Heavy	105° Hold Open
20101M11	20104M11	Heavy	90° No Hold Open
20101M12	20104M12	Heavy	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

- Four Fixed Spring Sizes Available
- Choice of Standard 1/2" (12 mm) Length Spindle and 7/8" (22 mm) Extended Spindle for Patch and Rail Hardware
- 5 Year Limited Warranty

CRL Jackson® Grade 1 Overhead Concealed Door Closer Body Only With Adjustable Backcheck

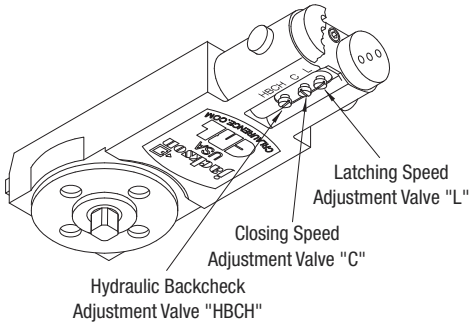


- Recommended for High-Frequency Traffic and Heavier Doors
- Three Fixed Spring Sizes Available
- 10 Year Limited Warranty

MORE INFORMATION crlaurence.com

1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
20111M05B	20114M05B	Extra Light	105° No Hold Open
20111M06B	20114M06B	Extra Light	105° Hold Open
20111M01B	20114M01B	Regular	105° No Hold Open
20111M02B	20114M02B	Regular	105° Hold Open
20111M03B	20114M03B	Regular	90° No Hold Open
20111M04B	20114M04B	Regular	90° Hold Open
20111M09B	20114M09B	Heavy	105° No Hold Open
20111M10B	----	Heavy	105° Hold Open
20111M11B	----	Heavy	90° No Hold Open
20111M12B	----	Heavy	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



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CRL Jackson® Overhead Concealed Door Closer Accessories

MORE CHOICES crlaurence.com

jackson CRL crlaurence.com

- Add to Closer Bodies to Create Your Own Complete Closer Package

CRL Jackson® Dummy Closer Body

- Fluidless Closer for Use as Top Pivot Only



Mounting Clip Set must be ordered separately. See Cat. No. 20219 below.

CAT. NO. 20330P
Minimum order: 1 each.

CRL Jackson® Cover Plates

- Available for Two and Three Valve Access



TWO VALVE CAT. NO.	THREE VALVE CAT. NO.	DESCRIPTION	FINISH
201103628	203152628	3-3/4" x 12-1/2" (95 x 318 mm)	Satin Aluminum
201103313	203152313	With Rounded Corners	Dark Bronze
20190628	203147628	3-11/16" x 13-3/4" (94 x 349 mm)	Satin Aluminum
20190313	203147313	With Square Corners	Dark Bronze

Minimum order: 1 each. All cover and drop plates can be combined for quantity pricing.

CRL Jackson® Mounting Clip Set

- Standard for Most Center-Hung Applications



CAT. NO. 20219
Minimum order: 1 each.

CRL Jackson® Type "G" Floor Mount Pivot Set

- For Use With 1-1/2" (38 mm) Deep Bottom Rail
- 3/16" (5 mm) Height Adjustment



Recommended Maximum Weight Capacity:
125 pounds (56.7 kg)

CAT. NO. 20902
Minimum order: 1 each.

CRL Jackson® Type "GE" Threshold Mount Pivot Set

- For Use With 1-1/2" (38 mm) Deep Bottom Rail
- 3/16" (5 mm) Height Adjustment

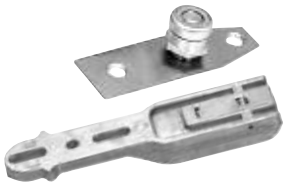


Recommended Maximum Weight Capacity:
125 pounds (56.7 kg)

CAT. NO. 20944
Minimum order: 1 each.

CRL Jackson® Type "GW" Floor Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail in End-Load Applications



Recommended Maximum Weight Capacity:
175 pounds (79.4 kg)

CAT. NO. 201570
Minimum order: 1 each.

CRL Jackson® Type "AE" Threshold Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail in End-Load Applications



Recommended Maximum Weight Capacity:
175 pounds (79.4 kg)

CAT. NO. 20728
Minimum order: 1 each.

CRL Jackson® Type "P" Floor Mount Pivot Set

- For Use With 1-9/16" (40 mm) Deep Bottom Rail in End-Load Applications



Recommended Maximum Weight Capacity:
175 pounds (79.4 kg)

CAT. NO. 201060
Minimum order: 1 each.

CRL Jackson® Overhead Concealed Door Closer Accessories

MORE INFORMATION crlaurence.com

jackson CRL crlaurence.com

- Add to Closer Bodies to Create Your Own Complete Closer Package

CRL Jackson® "S" Type Side-Load Center-Hung Top Arm Assembly

- For Use With 1/2" (13 mm) Deep Top Rail



CAT. NO. 20400B
Minimum order: 1 each.

CRL Jackson® "A" Type End-Load Center-Hung Top Arm Assembly

- For Use With 1" (25 mm) Deep Top Rail



CAT. NO. 202000
Minimum order: 1 each.

CRL Jackson® "PT" Type End-Load Center-Hung Top Arm Assembly

- For Use With 7/8" (22 mm) Deep Top Rail



CAT. NO. 202010
Minimum order: 1 each.

CRL Jackson® "K" Type End-Load Center-Hung Top Arm Assembly

- For Use With 5/8" (16 mm) Deep Top Rail



CAT. NO. 202085
Minimum order: 1 each.

CRL Jackson® Short End-Load Center-Hung Top Arm Assembly

- For Use With CRL Wedge-Lock® Door Rails



CAT. NO. CRL8010AS
Minimum order: 1 each.

CRL Jackson® Deep Mortise Type Offset Arm and Slide Channel Assembly

- 7/8" (22 mm) Depth Top Rail

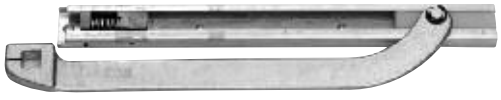


CAT. NO.	OVERALL LENGTH	ARM FINISH
20900LC628	14" (356 mm)	Aluminum
20900LC313	14" (356 mm)	Dark Bronze

Minimum order: 1 each. All Closer Arms can be combined for quantity pricing.

CRL Jackson® Shallow Depth Mortise Type Offset Arm and Slide Channel Assembly

- Shallow Depth 5/8" (16 mm) Top Rail



CAT. NO.	OVERALL LENGTH	ARM FINISH
201134LC628	12-7/8" (327 mm)	Aluminum
201134LC313	12-7/8" (327 mm)	Dark Bronze

Minimum order: 1 each. All Closer Arms can be combined for quantity pricing.

CRL Jackson® Shallow Depth Mortise Type Offset Arm and Slide Channel Assembly

- Shallow Depth 5/8" (16 mm) Top Rail
- Provides Enhanced Pre-Load



CAT. NO.	OVERALL LENGTH	ARM FINISH
201312LC628	12-7/8" (327 mm)	Aluminum
201312LC313	12-7/8" (327 mm)	Dark Bronze

Minimum order: 1 each. All Closer Arms can be combined for quantity pricing.

CRL Overhead Concealed Door Closers

CRL offers a complete line of Overhead Concealed Door Closers and Accessories. The selection includes a wide range of door closer and hardware options for both center-hung and offset installations. These products will satisfy the needs for both new and retrofit applications. Our standard Overhead Concealed Door Closer will retrofit most installations currently using other brands of similar type door closers without the need to change existing door hardware.

For additional information, go to **crlaurence.com/door-closers** or contact CRL Door and Window department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can e-mail us through our web site at **crlaurence.com/support**.

- **Interchangeable With All Jackson Style Overhead Concealed Door Closers**
- **Available in Five Spring Sizes, Including Adjustable Spring Power, and Two A.D.A. Models**
- **5 Year Limited Warranty**

5 year WARRANTY

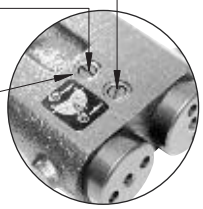
A.D.A. Compliance Models Available



Door Closer Body With Mounting Clips

Independent Adjustment Valves
Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings
Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.



MORE INFORMATION crlaurence.com

REQUIRED DOOR CLOSER SPRING SIZE FOR YOUR APPLICATION

SERIES	SPRING SIZE	DOOR SIZE
CRL7000	Light	Up to 30" (762 mm) Wide x 96" (2438 mm) High
CRL7100	Medium	31" to 41" (787 to 1041 mm) Wide x 96" (2438 mm) High
CRL7200	Heavy	42" to 48" (1067 to 1219 mm) Wide x 96" (2438 mm) High
CRL6700	Adjustable	Up to 42" (1067 mm) Wide x 96" (2438 mm) High
CRL6800	A.D.A.-5 Lb. (Interior)*	36" (914 mm) Wide x 96" (2438 mm) High
CRL6900	A.D.A.-8.5 Lb. (Exterior)*	36" (914 mm) Wide x 96" (2438 mm) High

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Weight and Size Limitations
Door Weight: 200 Lbs. (91 kg)
Exterior Door Width: 42" (1067 mm)
Interior Door Width: 48" (1219 mm)
All Doors Height: 96" (2438 mm)

Approximate Opening Force

RECOMMENDED FOR LIGHT TO MEDIUM FREQUENCY USE WITH ALUMINUM, WOOD OR METAL DOORS WEIGHING UP TO 200 POUNDS (91 KG)

CLOSER SPRING SIZE	APPLICATION	APPROXIMATE AVERAGE OPENING FORCE (IN POUND FORCE) APPLICABLE DOOR SIZE (WIDTH X HEIGHT) 2/6 X 7/0	3/0 X 7/0	3/6 X 7/0	4/0 X 7/0
LIGHT SPRING	Center-Hung	10	8	6	5
	Offset	14	12	10	8
MEDIUM SPRING	Center-Hung	13	11	9	7
	Offset	17	15	13	11
HEAVY SPRING	Center-Hung	17	15	13	11
	Offset	N/A	19	17	15
A.D.A. - 5 Lb.	Center-Hung	7	5	N/A	N/A
	Offset	10	8.5	6	N/A
A.D.A. - 8.5 Lb.	Center-Hung	9	8.5	5	N/A
	Offset	13	12	9	7

NOTE: 1. Closer Force readings are in pound force required to open the specified door width, and are taken at the lock stile.
2. All opening forces are based on average conditions. Tall or extremely heavy doors, doors that may be subjected to wind, drafts, or extreme air conditioning pressure may require the next size closer.
3. Although A.D.A. Door Closers are designed to comply with A.D.A. barrier-free opening force requirements, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

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CRL Overhead Concealed Door Closer Packages

MORE MODELS crlaurence.com

5 year WARRANTY

A.D.A. Compliance Models Available

- Interchangeable With All Jackson Style Overhead Concealed Door Closers
- 5 Year Limited Warranty

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.



Although the Adjustable Spring Power Door Closer can be adjusted to compensate for site conditions, adequate closing force might not be obtained while complying with A.D.A. opening force requirements.

Side-Load "S" Package

- Adjustable Dual-Purpose Bottom Pivot for Floor or Threshold Mounting
- For Doors With 1/2" (13 mm) Top Rail Depth



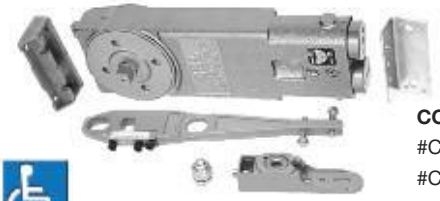
CONTENTS: Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010DP Pivot

ADJ. SPRING CAT. NO.	MED. SPRING CAT. NO.	A.D.A. - 8.5 LB. CAT. NO.	TYPE
CRL8760S	CRL8160S	CRL8960S	90° Hold Open
CRL8762S	CRL8162S	CRL8962S	90° No Hold Open
CRL8770S	CRL8170S	CRL8970S	105° Hold Open
CRL8772S	CRL8172S	CRL8972S	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Side-Load "GE" Package

- Adjustable Bottom Pivot for Threshold Mounting
- For Doors With 1/2" (13 mm) Top Rail Depth



CONTENTS: Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010GE "GE"Pivot

ADJ. SPRING CAT. NO.	MED. SPRING CAT. NO.	A.D.A. - 8.5 LB. CAT. NO.	TYPE
CRL8760GE	CRL8160GE	CRL8960GE	90° Hold Open
CRL8762GE	CRL8162GE	CRL8962GE	90° No Hold Open
CRL8770GE	CRL8170GE	CRL8970GE	105° Hold Open
CRL8772GE	CRL8172GE	CRL8972GE	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

End-Load "A" Package

- Adjustable Dual-Purpose Bottom Pivot for Floor or Threshold Mounting
- For Doors With 1" (25 mm) Top Rail Depth



CONTENTS: Closer Body
#CRL8010FS Brackets
#CRL8010A End-Load Arm
#CRL8010DP Pivot

ADJ. SPRING CAT. NO.	MED. SPRING CAT. NO.	A.D.A. - 8.5 LB. CAT. NO.	TYPE
CRL8760A	CRL8160A	CRL8960A	90° Hold Open
CRL8762A	CRL8162A	CRL8962A	90° No Hold Open
CRL8770A	CRL8170A	CRL8970A	105° Hold Open
CRL8772A	CRL8172A	CRL8972A	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

CRL Door Pressure Gauge

- Helps to Determine if Amount of Force Required to Open Doors Meets A.D.A. Regulations
- Range is From 0 to 35 Pounds (0 to 15.9 kg)
- Pocket Sized Tool is Simple to Use



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CAT. NO. HMC035
Minimum order is one each.

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CRL Overhead Concealed Door Closer Bodies With Mounting Clips

5 year WARRANTY

A.D.A. Compliance Models Available

- Interchangeable With All Jackson Style Overhead Concealed Door Closers
- 20 Models Available
- 5 Year Limited Warranty
- UL Listed

MORE CHOICES crlaurence.com



Door Closer Body with Mounting Clips

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.

*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

STANDARD MODEL DOOR CLOSER BODIES

SPRING SIZE	90° HOLD OPEN CAT. NO.	90° NO HOLD OPEN CAT. NO.	105° HOLD OPEN CAT. NO.	105° NO HOLD OPEN CAT. NO.
Light	CRL7060	CRL7062	CRL7070	CRL7072
Medium	CRL7160	CRL7162	CRL7170	CRL7172
Heavy	CRL7260	CRL7262	CRL7270	CRL7272

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

***A.D.A. COMPLIANCE MODEL DOOR CLOSER BODIES MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT**

SPRING SIZE	90° HOLD OPEN CAT. NO.	90° NO HOLD OPEN CAT. NO.	105° HOLD OPEN CAT. NO.	105° NO HOLD OPEN CAT. NO.
Adjustable	CRL6760	CRL6762	CRL6770	CRL6772
A.D.A.- 5 Lb.	CRL6860	CRL6862	CRL6870	CRL6872
A.D.A.- 8.5 Lb.	CRL6960	CRL6962	CRL6970	CRL6972

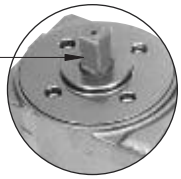
Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

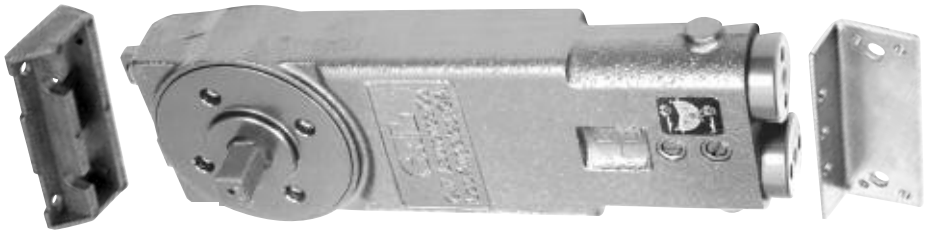
CRL Overhead Concealed Door Closers for Patch Fittings and Door Rails

5 year WARRANTY

A.D.A. Compliance Models Available

Extended Length Spindle
3/4" (19 mm) Length Spindle for use with Patch Fittings and Door Rail Hardware or when extra reach is needed.





CAT. NO.	SPRING SIZE	TYPE
CRL9760	Adjustable	90° Hold Open
CRL9762	Adjustable	90° No Hold Open
CRL9770	Adjustable	105° Hold Open
CRL9772	Adjustable	105° No Hold Open
CRL9970	A.D.A – 8.5 Lb.*	105° Hold Open
CRL9972	A.D.A – 8.5 Lb.*	105° No Hold Open
CRL9160	Medium	90° Hold Open
CRL9162	Medium	90° No Hold Open
CRL9170	Medium	105° Hold Open
CRL9172	Medium	105° No Hold Open
CRL9260	Heavy	90° Hold Open
CRL9262	Heavy	90° No Hold Open
CRL9270	Heavy	105° Hold Open
CRL9272	Heavy	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

- Interchangeable With All Jackson Style Overhead Concealed Door Closers
- Extended 3/4" (19 mm) Long Spindle for Use With Patch Fittings and Door Rail Hardware
- 5 Year Limited Warranty
- UL Listed
- Conveniently Packaged With Templates and Instructions

*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

UL is a registered trademark of UL LLC.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Replacement Overhead Concealed Door Closers for Original Kawneer® Husky®

5 year WARRANTY

A.D.A. Compliance Models Available

- Spindle Set in the Diamond Position at 0 Degrees
- Replace Existing Pre-1998 Original Kawneer® Husky® Closers
- 5 Year Limited Warranty
- UL Listed

MORE CHOICES crlaurence.com



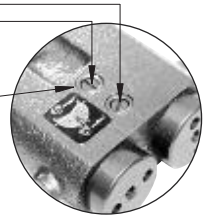
Door Closer Body Only

This CRL Overhead Concealed Door Closer incorporates a spindle set in the diamond position, instead of a square position, at 0 degrees. This enables door installers to replace existing pre-1998 Kawneer® original style Husky® Door Closers without the need to change the door arm, which requires a diamond pattern spindle engagement. With the addition of our Retrofit Clips for either 4" or 4-1/2" (102 or 114 mm) headers, the existing door closer can be replaced without the need to replace any additional door hardware. The existing Center-Hung or Offset Arms can be used, as well as the existing pivot.

These Overhead Concealed Door Closers are available in 105 degree Hold Open and No Hold Open styles, with Medium Spring Size, and an 8.5 pound model for A.D.A. exterior door applications. A diamond pattern End-Load Center-Hung Replacement Arm, Cat. No. CRL8010H (below), is also available.

Independent Adjustment Valves
Non-Critical valve control adjusts both Closing Speed and Latching Speed independent of each other.

Special Retaining Rings
Prevent the Adjustment Valve Screws from being backed all the way out of the Door Closer Body.



NOTE: May require considerable alterations to retrofit. Mounting Clips shown below are sold separately and are required to mount Closer.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.

105° HOLD OPEN CAT. NO.	105° NO HOLD OPEN CAT. NO.	SPRING SIZE	DOOR SIZE (WIDTH)
CRL7770	CRL7772	Medium	31" to 41" (787 to 1041 mm)
CRL7670	CRL7672	A.D.A – 8.5 Lb.*	36" to 48" (914 to 1219 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

CRL "H" Type Diamond Position End-Load Arm Assembly

- For Spindles Set in Diamond Position at 0 Degrees



"H" Type End Load Arms are designed for use with the pre-1998 original Kawneer® Husky® style Door Closers and CRL Diamond Spindle Retrofit Door Closers.

CAT. NO. CRL8010H
Minimum order: 1 each.

CRL Retrofit Mounting Clip Set for Kawneer® Husky®

These Mounting Clip Sets allow you to use our Overhead Concealed Door Closers in headers fabricated for pre-1998 Kawneer® Husky® Door Closers (the 24-3/8" [619 mm] long ones).



CAT. NO.	FOR USE WITH
CRL8010RK4	4" (102 mm) Header
CRL8010RK45	4-1/2" (114 mm) Header

Minimum order: 1 each. Sizes can be combined for quantity pricing.

Kawneer and Husky are registered trademarks of Kawneer Company, Inc.
UL is a registered trademark of UL LLC.

CRL Overhead Concealed Door Closer Accessories

CRL End-Load Center-Hung Top Arm Assembly

MORE INFORMATION crlaurence.com

- Adjustable Door Centering
- Non-Handed



CAT. NO. CRL8010AS



CAT. NO. CRL8010A

CAT. NO.	DESCRIPTION
CRL8010AS	Fits CRL Wedge-lock Door Rails
CRL8010A	1" (25 mm) Deep Top Rail
CRL8010PT	7/8" (22 mm) Deep Top Rail
CRL8010K	1/2" (12 mm) Deep Top Rail
ELB2	Arm Block With Screws

Minimum order: 1 each. Door Closer Arms can be combined for quantity pricing.



CAT. NO. CRL8010PT



CAT. NO. CRL8010K



CAT. NO. ELB2

CRL Side-Load Center-Hung Top Arm Assembly

- Adjustable Door Centering
- Used in 1/2" (12 mm) Depth Top Rail
- Non-Handed



CAT. NO. CRL8010S
Minimum order: 1 each.

CRL Side-Load Arm Block

- Fits Side-Load Center-Hung Arms
- Comes With Screws and Lock Washers



CAT. NO.	DESCRIPTION
SLB3	Side-Load Arm Block With Three Screws

Minimum order: 1 each.

CRL "J0" Type Offset Arm Assembly

- 7/8" (22 mm) Depth Top Rail
- Deep Mortise Type



Replacement Vinyl Slide Block
Cat. No. J0SB

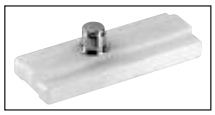


CAT. NO.	DESCRIPTION
CRL8010J0XAL	Painted Aluminum
CRL8010J0XBRZ	Painted Dark Bronze
J0SB	Replacement Vinyl Slide Block

Minimum order: 1 each.

CRL "V0" Type Offset Arm Assembly

- 9/16" (14 mm) Depth Top Rail
- Shallow Mortise Type



Replacement Vinyl Slide Block
Cat. No. V0SB



CAT. NO.	DESCRIPTION
CRL8020V0XAL	Painted Aluminum
CRL8020V0XBRZ	Painted Dark Bronze
V0SB	Replacement Vinyl Slide Block

Minimum order: 1 each.

CRL Door Closer Mounting Clip Sets

MORE CHOICES crlaurence.com



Standard Set Supplied With All CRL Overhead Door Closers
CAT. NO. CRL8010FS
Minimum order: 1 each.



Commonly Used on Kawneer® Doors and CRL8010CPAL Cover Plate
CAT. NO. CRL8010FK
Minimum order: 1 each.



Commonly Used With Arch Aluminum® Type Installations
CAT. NO. CRL8010FA
Minimum order: 1 each.

Arch Aluminum is a registered trademark of Trulite Glass & Aluminum Solutions, LLC.
Kawneer is a registered trademark of Kawneer Company, Inc.

CRL Overhead Concealed Door Closer Accessories

MORE CHOICES crlaurence.com

CRL Adjustable Dual-Purpose Bottom Pivot Set

- Dual-Purpose Pivot Mounts Directly to Floor or Threshold
- For Use With Both End-Load and Side-Load Arms



CAT. NO. CRL8010DP
Minimum order: 1 each.

CRL Heavy-Duty Adjustable Dual-Purpose Bottom Pivot Set

- Dual-Purpose Pivot Mounts Directly to Floor or Threshold
- For Use With Both End-Load and Side-Load Arms



CAT. NO. CRL8010HDP
Minimum order: 1 each.

CRL Door-On Adjustable Bottom Pivot Set

- Bottom Clearance Adjustable From 1/4" to 1/2" (6 to 12 mm)
- For Use With End-Load Arm Applications



CAT. NO. CRL8010ADJ
Minimum order: 1 each.

CRL Adjustable Side-Load Floor Mount Bottom Pivot Set

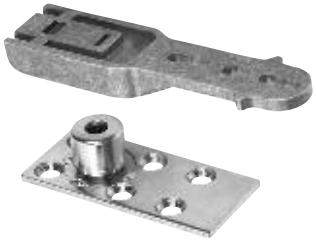
- "G" Type for Use With Side-Load Arms
- 3/16" (5 mm) Height Adjustment



CAT. NO. CRL8010G
Minimum order: 1 each.

CRL Complete Heavy-Duty Bottom Pivot With Plate

- Designed to Fit CRL Wedge-Lock® Door Rails



CAT. NO. CRL8010BP
Minimum order: 1 each.

CRL Adjustable Side-Load Threshold Mount Bottom Pivot Set

- "GE" Type for Use With Side-Load Arms
- 3/16" (5 mm) Height Adjustment



CAT. NO. CRL8010GE
Minimum order: 1 each.

CRL Heavy-Duty Free-Swinging Bottom Pivot Set

- Designed to Fit CRL Wedge-Lock® Door Rails



CAT. NO. CRL8010SET
Minimum order: 1 each.

CRL Floor Mounted Adjustable Free-Swinging Pivot

- Flat Tapered Spindle
- 220 Pound (100 kg) Capacity
- 1/4" (6 mm) Height Adjustment
- Requires 7/8" to 1" (22 to 25 mm) Diameter Hole



CAT. NO. 1NT406
Minimum order: 1 each.

DORMA® RTS88 Series Overhead Concealed Door Closers

- Standard and A.D.A. Compliant Spring Sizes
- Regular and Extended Spindles Available
- Accommodates Doors Weighing Up to 250 Lbs. (113 Kg)
- Suitable for Doors Up to 48" (1219 mm) Wide
- Five Year Warranty



NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the Closer and entryway due to over-extension of maximum allowable door swing.

Although DORMA® RTS88 BFI/BFE Series Closers comply with barrier-free A.D.A. specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

5 year WARRANTY

For DORMA® RTS accessories and additonal product information, visit our web site at **crlaurence.com/door-closers**.

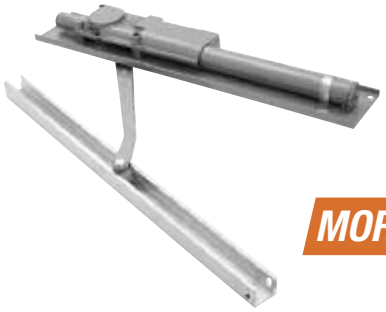
REGULAR SPINDLE HOLD OPEN CAT. NO.	REGULAR SPINDLE NO HOLD OPEN CAT. NO.	EXTENDED SPINDLE HOLD OPEN CAT. NO.	EXTENDED SPINDLE NO HOLD OPEN CAT. NO.	SWING	SPRING SIZE	DOOR SIZE
RTS88105H0BF1	RTS88105NH0BF1	RTS88105XH0BF1	RTS88105XNHBF1	105°	BF1	A.D.A. 5 lb. Max. at 36" (914 mm) Door
RTS88105H0BFE	RTS88105NH0BFE	RTS88105XH0BFE	RTS88105XNHBFE	105°	BFE	A.D.A. 8.5 lb. Max. at 36" (914 mm) Door
RTS8890H03	RTS8890NH03	RTS8890XH03	RTS8890XNH03	90°	3	Ext: 30" to 36" (762 to 914 mm) Int: 36" to 42" (914 to 1067 mm)
RTS88105H03	RTS88105NH03	RTS88105XH03	RTS88105XNH03	105°	3	Ext: 30" to 36" (762 to 914 mm) Int: 36" to 42" (914 to 1067 mm)
RTS8890H04	RTS8890NH04	---	---	90°	4	Ext: 36" to 42" (914 to 1067 mm) Int: 42" to 48" (1067 to 1219 mm)
RTS88105H04	RTS88105NH04	---	---	105°	4	Ext: 36" to 42" (914 to 1067 mm) Int: 42" to 48" (1067 to 1219 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

LCN® 2030 Series Overhead Concealed Door Closers

- Heavy-Duty Closer Designed to Fit in a 1-3/4" x 4" (44 x 102 mm) Header
- Fixed Spring Sizes for Doors Up to 54" (1372 mm)
- Barrier-Free Models to Meet A.D.A. Barrier-Free Requirements
- Certified ANSI A156.4, Grade 1

10 year WARRANTY



MORE INFORMATION crlaurence.com

NOTE: An auxiliary floor or overhead stop is recommended to prevent possible damage to both the closer and entryway due to over-extension of maximum allowable door swing.

Although A.D.A Closers comply with barrier-free A.D.A. specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

For LCN® accessories and additional product information, visit our web site at **crlaurence.com/door-closers**.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	SPRING SIZE	CLOSER DESCRIPTION
2031LAL	2031RAL	Aluminum	1	A.D.A. 5 lb. Max. at 36" (914 mm) Door
2031LDU	2031RDU	Dark Bronze	1	A.D.A. 5 lb. Max. at 36" (914 mm) Door
2033LAL	2033RAL	Aluminum	3	Ext: to 30" (762 mm) Int: 34" to 38" (864 to 965 mm)
2033LDU	2033RDU	Dark Bronze	3	Ext: to 30" (762 mm) Int: 34" to 38" (864 to 965 mm)
2034LAL	2034RAL	Aluminum	4	Ext: 30" to 36" (762 to 914 mm) Int: 38" to 48" (965 to 1219 mm)
2034LDU	2034RDU	Dark Bronze	4	Ext: 30" to 36" (762 to 914 mm) Int: 38" to 48" (965 to 1219 mm)
2035LAL	2035RAL	Aluminum	5	Ext: 36" to 42" (914 to 1067 mm) Int: 48" to 54" (1219 to 1372 mm)
2035LDU	2035RDU	Dark Bronze	5	Ext: 36" to 42" (914 to 1067 mm) Int: 48" to 54" (1219 to 1372 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

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DORMA is a registered trademark of Dorma GmbH + Co. KG Limited Partnership.
LCN is a registered trademark of Allegion plc.

CRL8500 Series Heavy Weight Floor Mounted Door Closers



MORE INFORMATION
crlaurence.com



- The Perfect Door Closer to Support CRL's Door Rail System
- 800 Lb. (363 Kg) Capacity, Up to 54" (1372 mm) Doors
- Interchangeable Spindle Heights
- Independent Closing and Latching Speed Adjustments
- 5 Year Limited Warranty
- UL Listed

The CRL8500 Series Floor Mounted Door Closer has a heavy weight capacity capable of handling doors weighing up to 800 pounds (363 kg). The Door Closer is available in either 90 or 105 degree Hold Open or No Hold Open models in three spring sizes to accommodate most standard installations.

The supplied 1/8" (3 mm) collar height Standard Spindle is interchangeable with other available Spindles (see page CH179) to accommodate different finished floor heights. Accessories such as Pivots, Center-Hung and Offset Arms are also available (see page CH183).

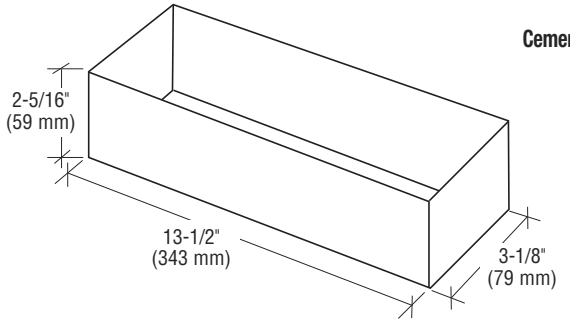
NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.

SPECIFICATIONS:

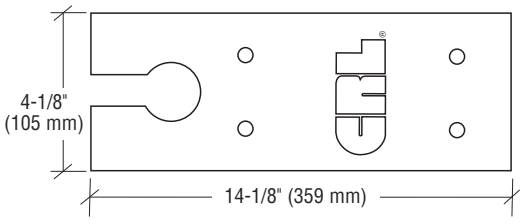
Maximum Door Weight: 800 lbs. (363 kg)
Maximum Interior Door Width: 54" (1372 mm)
Maximum Exterior Door Width: 48" (1219 mm)

5 year WARRANTY

Cement Case



Cover Plate



HEAVY WEIGHT FLOOR MOUNTED DOOR CLOSERS

CAT. NO.	SPRING SIZE	TYPE	MAX. DOOR WIDTH INTERIOR	MAX. DOOR WIDTH EXTERIOR
CRL8532	3	180° No Hold Open	42" (1067 mm)	36" (914 mm)
CRL8534	3	90° Hold Open	42" (1067 mm)	36" (914 mm)
CRL8536	3	105° Hold Open	42" (1067 mm)	36" (914 mm)
CRL8542	4	180° No Hold Open	48" (1219 mm)	42" (1067 mm)
CRL8544	4	90° Hold Open	48" (1219 mm)	42" (1067 mm)
CRL8546	4	105° Hold Open	48" (1219 mm)	42" (1067 mm)
CRL8552	5	180° No Hold Open	54" (1372 mm)	48" (1219 mm)
CRL8554	5	90° Hold Open	54" (1372 mm)	48" (1219 mm)
CRL8556	5	105° Hold Open	54" (1372 mm)	48" (1219 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

REPLACEMENT COVER PLATES

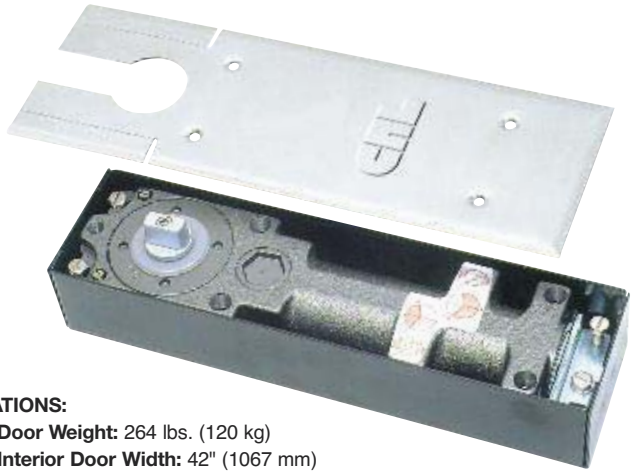
CAT. NO.	FINISH
CRL85CPBS	*Brushed Stainless
CRL85CPPB	Polished Brass
CRL85CPPS	Polished Stainless

Minimum order: 1 each. * Supplied with 8500 Series Floor Closers.

UL is a registered trademark of UL LLC.

CRL8400 Series Narrow Width Floor Mounted Door Closers

- The Perfect Door Closer to Support CRL's Patch Hardware
- 264 Lb. (120 kg) Capacity, Up to 42" (1067 mm) Doors
- Narrow 3-1/16" (78 mm) Width
- Interchangeable Spindle Heights
- 5 Year Limited Warranty



SPECIFICATIONS:
Maximum Door Weight: 264 lbs. (120 kg)
Maximum Interior Door Width: 42" (1067 mm)
Maximum Exterior Door Width: 38" (965 mm)

NARROW WIDTH FLOOR MOUNTED DOOR CLOSERS

CAT. NO.	SPRING SIZE	TYPE
CRL8420	Light	180° Hold Open @ 90°
CRL8422	Light	180° No Hold Open
CRL8460	Medium	180° Hold Open @ 90°
CRL8462	Medium	180° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

REPLACEMENT COVER PLATES

CAT. NO.	FINISH
CRL84CPBS	*Brushed Stainless
CRL84CPPS	Polished Stainless
CRL84CPPB	Polished Brass

Minimum order: 1 each. * Supplied with 8400 Series Floor Closers.
All Cover Plates can be combined for quantity pricing.



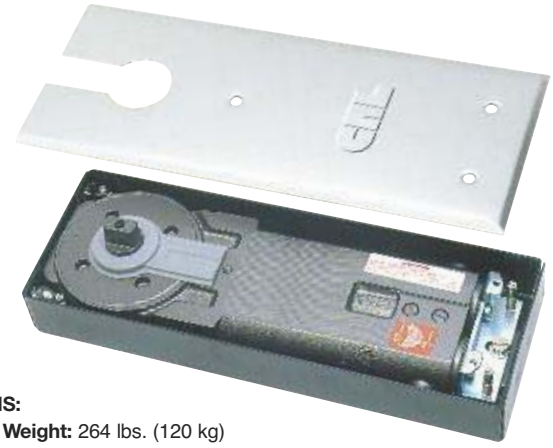
For additional product information and available accessories, visit our web site at **crlaurence.com/door-closers**.

NOTE: This Door Closer is designed to open to a maximum of 180 degrees. Am auxiliary floor or overhead stop is required to stop the door at leass less than 180 degrees.

CRL8300 Series Shallow Depth Floor Mounted Door Closers

- 264 Lb. Capacity Up to 42" Doors
- Low Profile 1-9/16" (40 mm) Depth
- Interchangeable Spindle Heights
- 5 Year Limited Warranty

MORE CHOICES crlaurence.com



SPECIFICATIONS:
Maximum Door Weight: 264 lbs. (120 kg)
Maximum Interior Door Width: 42" (1067 mm)
Maximum Exterior Door Width: 38" (965 mm)

SHALLOW DEPTH FLOOR MOUNTED DOOR CLOSERS

CAT. NO.	SPRING SIZE	TYPE
CRL8360	Medium	90° Hold Open
CRL8370	Medium	105° Hold Open
CRL8372	Medium	105° No Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

REPLACEMENT COVER PLATES

CAT. NO.	FINISH
CRL83CPBS	*Brushed Stainless
CRL83CPPS	Polished Stainless
CRL83CPPB	Polished Brass

Minimum order: 1 each. * Supplied with 8300 Series Floor Closers.
All Cover Plates can be combined for quantity pricing.



For additional product information and available accessories, visit our web site at **crlaurence.com/door-closers**.

NOTE: An auxiliary floor or overhead door stop is recommended to prevent possible damage to both the door closer and entryway due to over-extension of maximum allowable door swing.

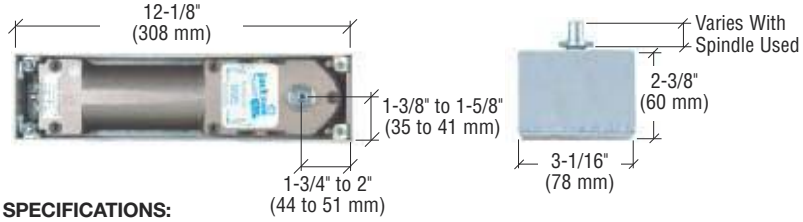
CRL Jackson® 900 Series Heavy-Duty Floor Mounted Door Closers

MORE INFORMATION crlaurence.com

- 1000 Lb. (453 kg) Capacity, Up to 54" (1372 mm) Doors
- Multi-Size Adjustable Spring Power
- Interchangeable Spindle Heights
- Leveling and Door Centering Adjustments
- 10 Year Limited Warranty
- UL Listed

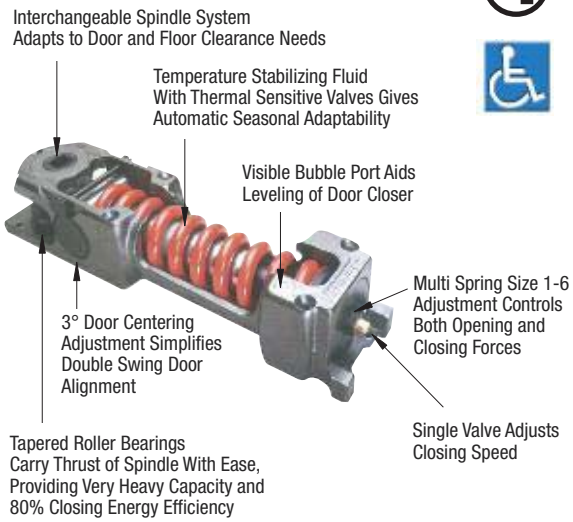






SPECIFICATIONS:

Maximum Center-Hung Door: Weight = 1000 lbs. (454 kg), Width = 54" (1372 mm)
Maximum 3/4" Offset Door: Weight = 650 lbs. (295 kg), Width = 48" (1219 mm)
Maximum 1-1/2" Offset Door: Weight = 300 lbs. (136 kg), Width = 42" (1067 mm)
Adjustable Spring Power: Multi-Size 1 - 6
Door Centering Adjustment: 6 Degree Range Adjustment to Align Door
Hold or No Hold Open Models: Hold Open at Both 90 Degrees and 120 Degrees, Hold Open at 105 Degrees and 120 Degrees Only
Action: Non-Handed, Double Acting – 180 Degree Swing



The CRL Jackson® 900 Series Multi-Sized Floor Mounted Door Closer is a heavy-duty, fully adjustable closer designed for new and retrofit applications. Accessories are available for either double or single acting doors. With its 1000 pound (454 kg) capacity, the 900 Series Door Closer can be used with larger and heavier interior or exterior doors for longer, maintenance free performance. These Door Closers are available in dual 90 and 120 degree, or 105 degree only Hold Open and No Hold Open models.

This fully adjustable Door Closer meets A.D.A.* requirements in that it can be set at 5 or 8.5 pound opening forces. The unique centering adjustment simplifies double door alignment. This Door Closer is ideal for areas with extreme temperature changes due to its multi-viscosity temperature stabilizing fluid with thermal sensitive valves providing seasonal adaptability. Packages for new and retrofit installations, as well as accessories for both Center-Hung and Offset door applications, are available.

NOTE: This Door Closer is designed to open to a maximum of 180 degrees. An auxiliary floor or overhead stop is required to stop the door at less than 180 degrees.

For a complete list of accessories, such as Cover Plates, Pivots, Center-Hung and Offset Arms, go to **crlaurence.com/door-closers**.

Basic Closer Package

CONSISTS OF:

- 990 Closer Body
- Cement Case
- Installation Tool Package



CAT. NO.	TYPE
J990NH0D	180° Swing No Hold Open
J993H0D	180° Swing Hold Open @ 90° and 120°
J994H0D	180° Swing Hold Open @ 105°
J995BCD	180° Swing No Hold Open – Backcheck @ 85°
J996H0BCD	180° Swing Hold Open @ 120° – Backcheck @ 105°

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Center-Hung Package

CONSISTS OF:

- 990 Closer Body
- Cement Case
- J7080 Center-Hung Arm
- CRL9040S8 Flat Tapered Spindle
- Installation Tool Package



CAT. NO.	TYPE
J990NH0N	180° Swing No Hold Open
J993H0N	180° Swing Hold Open @ 90° and 120°
J994H0N	180° Swing Hold Open @ 105°
J995BCN	180° Swing No Hold Open – Backcheck @ 85°

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

NOTE: *Door Closers set to comply with A.D.A. specified opening forces might not provide adequate spring power to control and close the door due to varying site conditions and door size.

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CRL Interchangeable Floor Closer Spindles

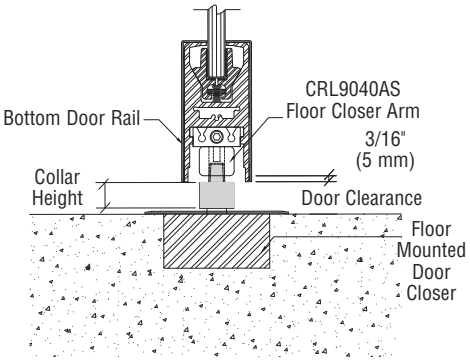
• Fit All 900 Series and CRL Brand Floor Mounted Door Closers

MORE INFORMATION crlaurence.com

CRL Flat Tapered and "MAB" Type Spindles are available in various heights to accommodate different threshold and finished floor heights, and are intended for use with our 900 Series, and all CRL Floor Mounted Door Closers. The CRL Flat Tapered Spindle will allow the use of all center-hung and offset bottom arms intended for use with this type of spindle, as well as CRL Patch Fitting Inserts. The "MAB" Style Spindle is commonly used throughout Europe and South America.

FLAT TAPERED CAT. NO.	"MAB" TYPE SQUARE TAPERED CAT. NO.	COLLAR HEIGHT/DRS DOOR CLEARANCE	STANDARD DOOR CLEARANCE
CRL9040S3	CRL9050S3	1/8" (3 mm)	5/16" (8 mm)
CRL9040S8*	CRL9050S8	*5/16" (8 mm)	*1/2" (13 mm)
CRL9040S13	CRL9050S13	1/2" (13 mm)	11/16" (17 mm)
CRL9040S18	CRL9050S18	3/4" (19 mm)	15/16" (24 mm)
CRL9040S23	CRL9050S23	7/8" (22 mm)	1-1/16" (27 mm)
CRL9040S28	CRL9050S28	1-1/8" (29 mm)	1-5/16" (33 mm)
CRL9040S33	CRL9050S33	1-5/16" (33 mm)	1-1/2" (38 mm)

Minimum order: 1 each. * Supplied standard with all J990NH0N, J993H0N, J994H0N, and J995BCN Floor Closers.
All Spindles can be combined for quantity pricing.





Flat Tapered



"MAB" Type
Square Tapered

CRL Center-Hung Bottom Arms

• Fit All Floor Mounted Door Closers With Flat Tapered Spindles

These CRL Center-Hung Bottom Arms should be used with doors having a minimum 3/4" (19 mm) deep bottom door rail. Arms will accommodate most door types, and will ease centering adjustment of the door. They can be used with all CRL brand Floor Mounted Door Closers, as well as any other closer using a 7/8" (22 mm) flat tapered type spindle.

CAT. NO.	APPLICATION
J7080	For Aluminum, Steel or Wood Doors
CRL9040CB	For Aluminum Doors
CRL9040TB	For Steel or Wood Doors
CRL9040AS	For CRL Door Rail System

Minimum order: 1 each. Arms can be combined for quantity pricing.


For Aluminum, Steel or Wood Doors


For Aluminum Doors


For Steel or Wood Doors


For CRL Door Rail System

CRL Floor Closer Cover Plates

• Fits 900 Series Floor Mounted Door Closers

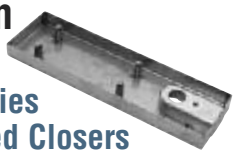


These Floor Closer Cover Plates are for use with CRL 900 Series Floor Mounted Door Closers. They are available in four finishes, and allow for full closer adjustment without removing the door.

CAT. NO.	FINISH
J7020CPBS	Brushed Stainless
J7020CPPB	Polished Brass
J7020CPPS	Polished Stainless
J7020CPDU	Dark Bronze

Minimum order: 1 each.

CRL Floor Closer Terrazzo Pan



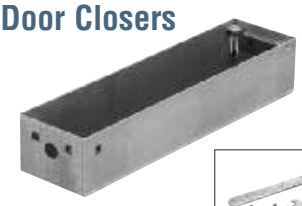
• For Use Only With 900 Series Floor Mounted Closers

Used to maintain the aesthetics of a continuous floor line when using flooring material such as terrazzo, tile, marble, etc. Pan is 13/16" (21 mm) in depth and requires the use of a CRL9040S23 Spindle (ordered separately) for a minimum 1/4" (6 mm) clearance above the finished floor. Pan can be removed to make adjustments to the Floor Closer without having to take the door down. **NOTE:** Recommended for interior use only. Minimum order is one each.

CAT. NO. TPJ900

CRL 900 Series Cement Case

• Fits 900 Series Floor Mounted Door Closers



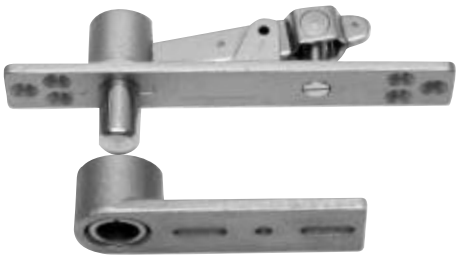

Tool and Mounting Package
(Included)

The CRL 900 Series Closer Cement Case is used to hold the 900 Series Closer Body in the floor. Cat. No. J9015 Tool and Mounting Package is included, and available separately as a replacement. Minimum order is one each.

CAT. NO. J9010

CRL Center-Hung Top Pivot and Optional Cover Plate

- Walking Beam Style Pivot
- 19/32" (15 mm) Diameter Pin
- Optional Cover Plates Available in Five Finishes



CAT. NO. CRL9040WBP
Minimum order: 1 each.

MORE INFORMATION
crlaurence.com



OPTIONAL COVER PLATES

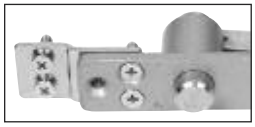
CAT. NO.	FINISH
CRL9040CPA	Satin Aluminum
CRL9040CPBS	Brushed Stainless
CRL9040CPPB	Polished Brass
CRL9040CPPS	Polished Stainless
CRL9040CPDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Tube Mounting Brackets

- Secures CRL9040WBP Walking Beam Pivot Into Hollow Tube





CAT. NO. CRL9040MB
Minimum order: 1 each.

CRL Top Door Rail Pivot Arms

- Standard and Heavy-Duty Models for Center-Hung Applications
- Fits 19/32" (15 mm) Diameter Pin



Standard Pivot Arm



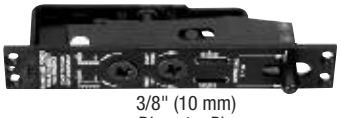
Heavy-Duty Pivot Arm

CAT. NO.	DESCRIPTION
CRL9040TDF	Standard Pivot Arm
CRL9060TDF	Heavy-Duty Pivot Arm

Minimum order: 1 each.

CRL Jackson® Heavy-Duty Center-Hung Top Pivot

- Walking Beam Type Pivot
- Lateral Pin Adjustment
- Needle Bearing Door Arm



3/8" (10 mm)
Diameter Pin

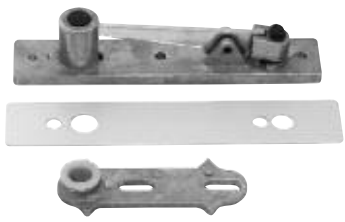


CAT. NO.	COVER PLATE FINISH
J580BS	Brushed Stainless
J580PB	Polished Brass
J580PS	Polished Stainless
J580DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Jackson® Top Center-Hung Top Pivot Assembly

- Walking Beam Style Pivot
- Includes Door Arm and Cover Plate



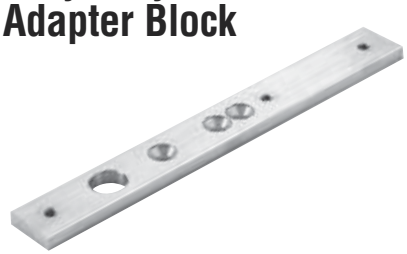
1/2" (13 mm) Diameter Pin

CAT. NO.	COVER PLATE FINISH
20534628	Aluminum
20534313	Dark Bronze

Minimum order: 1 each.
NOTE: Pivots are not interchangeable with CRL9040WBP.

CRL Top Rail Heavy-Duty Walking Beam Adapter Block

- For Use With J580 Series Heavy-Duty Center-Hung Top Pivot
- Attaches to CRL Rail Slide Block



CAT. NO. CRLJ580ADP
Minimum order: 1 each.

CRL Jackson® Center-Hung Top Pivot

- Walking Beam Style Pivot - Frame Portion Only
- Finished Cover Plate Included



1/2" (13 mm) Diameter Pin

CAT. NO.	COVER PLATE FINISH
213K628	Aluminum
213K313	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

DORMA® BTS80 Series Floor Mounted Door Closers

- 660 Lb. (299 kg) Capacity, Up to 54" (1372 mm) Doors
- Interchangeable Spindle Heights
- Selective Multi-Point Hold Open Position
- Variable Delayed Action
- 25 Year Limited Warranty



SPECIFICATIONS:

Maximum Door Weight: 660 lbs. (299 kg)

Maximum Interior Door Width: 54" (1372 mm)

Maximum Exterior Door Width: 48" (1219 mm)

**Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

DORMA® BTS80 Series Floor Mounted Door Closers offer adaptability to almost any installation. The DORMA® Closer's compact body permits its use where a larger door closer would be prohibitive. The universal, non-handed design uses a system of interchangeable spindles, and will allow one basic door closer mechanism to be used for either single or double acting, center-hung or offset applications while accommodating virtually any floor covering or threshold height. The selective, multi-point hold open or variable delayed action feature makes this one of the most versatile door closers available. Accessories such as Cover Plates, Pivots, Center-Hung and Offset Arms are also available.

NOTE: This Door Closer is designed to open to a maximum of 180 degrees. An auxiliary floor or overhead stop is required to stop the door at less than 180 degrees.

DORMA® BTS80 FLOOR MOUNTED DOOR CLOSERS WITH CEMENT CASE*

CAT. NO.	SPRING SIZE	INTERIOR	DOOR CAPACITY	EXTERIOR
BTS80BF	A.D.A. - 8.5 lb.**	———	When Used With a 36" (914 mm) Wide Door	
BTS802	Size 2 (EN4)	30" to 48" (762 to 1219 mm)	30" to 42" (762 to 1067 mm)	
BTS803	Size 3 (EN6)	48" to 54" (1219 to 1372 mm)	42" to 48" (1067 to 1219 mm)	

Minimum order: 1 each. All Door Closers can be combined for quantity pricing. *This Door Closer does not include a Cover Plate or Spindle. These are sold separately.

BTS80 COVER PLATES

CAT. NO.	FINISH
BTS7410CPBS	Brushed Stainless
BTS7410CPPB	Polished Brass
BTS7410CPPS	Polished Stainless
BTS7410CPDU	Dark Bronze

Minimum order: 1 each.

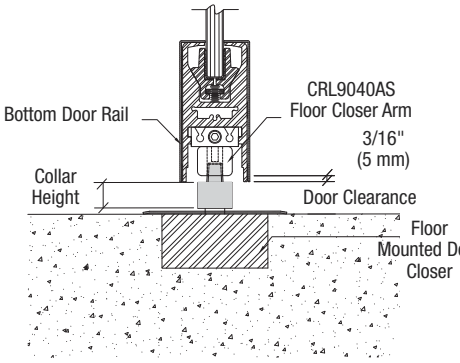
CRL Interchangeable Floor Closer Spindles

• For Use With DORMA® BTS80 and BTS75 Series Floor Mounted Door Closers

CRL Flat Tapered and "MAB" Type Spindles are available in various heights to accommodate different threshold and finished floor heights, and can be used with DORMA® BTS80 Floor Mounted Door Closers. The CRL Flat Tapered Spindle will allow the use of all center-hung and offset bottom arms intended for use with this type of spindle, as well as CRL Patch Fitting Inserts. The "MAB" Style Spindle is commonly used throughout Europe and South America.

FLAT TAPERED CAT. NO.	"MAB" TYPE SQUARE TAPERED CAT. NO.	COLLAR HEIGHT/DRS DOOR CLEARANCE	STANDARD DOOR CLEARANCE
CRL9040S3	CRL9050S3	1/8" (3 mm)	5/16" (8 mm)
CRL9040S8	CRL9050S8	5/16" (8 mm)	1/2" (13 mm)
CRL9040S13	CRL9050S13	1/2" (13 mm)	11/16" (17 mm)
CRL9040S18	CRL9050S18	3/4" (19 mm)	15/16" (24 mm)
CRL9040S23	CRL9050S23	7/8" (22 mm)	1-1/16" (27 mm)
CRL9040S28	CRL9050S28	1-1/8" (29 mm)	1-5/16" (33 mm)
CRL9040S33	CRL9050S33	1-5/16" (33 mm)	1-1/2" (38 mm)

Minimum order: 1 each. All Spindles can be combined for quantity pricing.





Flat Tapered



"MAB" Type
Square Tapered

MORE CHOICES
crlaurence.com

DORMA is a registered trademark of Dorma GmbH + Co. KG Limited Partnership.
UL is a registered trademark of UL LLC.

DORMA® BTS75V Series Floor Mounted Door Closers

- Adjustable Spring Power 1-4
- 25 Year Limited Warranty
- Standard and A.D.A. Compliant Barrier-Free Openings
- ANSI A156.4 Grade 1
- Accommodates Doors Up to 42" (1067 mm) Wide and Weighing Up to 260 Lbs. (118 kg)

MORE INFORMATION crlaurence.com



Although DORMA® BTS75VBF Series Closers comply with barrier-free ADA specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

DORMA® BTS75V Series Floor Mounted Door Closers offer adaptability to almost any installation. The compact body permits its use where a larger door closer would be prohibitive. The universal, non-handed design uses a system of interchangeable spindles, and will allow one basic door closer mechanism to be used for either single or double acting, center-hung or offset applications while accommodating virtually any floor covering or threshold height. Available in 90 or 105 degree hold open and non hold open, and full swing to 175 degree models.

DORMA® BTS75V FLOOR MOUNTED DOOR CLOSER WITH CEMENT CASE*

STANDARD CAT. NO.	BARRIER-FREE CAT. NO.	TYPE
BTS75V90H0	BTS75VBF90H0	90° Hold Open
BTS75V105H0	----	105° Hold Open
BTS75VNH0	BTS75VBFNH0	175° Non Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.
*This Door Closer does not include a Cover Plate or Spindle. These are sold separately.

BTS75V COVER PLATES

CAT. NO.	FINISH
BTS7510CPBS	Brushed Stainless
BTS7510CPPB	Polished Brass
BTS7510CPPS	Polished Stainless
BTS7510CPDU	Dark Bronze

Minimum order: 1 each.

DORMA® 3 Degree Offset Spindles

- Provides 3 Degree Pre-Load Pressure to Help Hold Door in Closed Position
- Handed, Flat Tapered Type

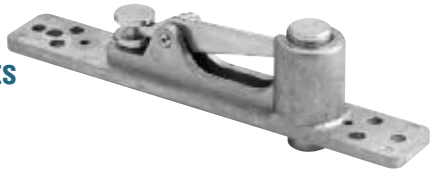


LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	COLLAR HEIGHT	DOOR CLEARANCE
80003LH	80003RH	1/8" (3 mm)	5/16" (8 mm)
80005LH	80005RH	5/16" (8 mm)	1/2" (13 mm)
80010LH	80010RH	7/16" (11 mm)	3/4" (19 mm)

Minimum order: 1 each. All Door Closer Spindles can be combined for quantity pricing.

DORMA® Center-Hung Top Pivots

- Walking Beam Adjustable Pivots
- Non-Handed



CAT. NO.	DESCRIPTION
80625TP	1/2" (13 mm) Diameter Pin
8062TP	15 mm (19/32") Diameter Pin

Minimum order: 1 each. All Door Pivots can be combined for quantity pricing.

DORMA® Center-Hung Bottom Arm

- For Use With Aluminum Doors



CAT. NO. 7422
Minimum order: 1 each.

DORMA® Center-Hung Top Pivot Cover Plate

- Finished Covers to Match Pivot Frame



CAT. NO.	FINISH
8062C0VAL	Aluminum
8062C0VDU	Dark Bronze

Minimum order: 1 each.

DORMA® Bottom Floor Bearing

- Side-Load Floor Pivot Set With Flat Tapered Spindle



CAT. NO.	COVER FINISH
7471KAL	Aluminum
7471KDU	Dark Bronze

Minimum order: 1 each.

DORMA® Center-Hung Top Door Rail Pivot Arm

- For Use With 15 mm Diameter Pin



CAT. NO. 8062DA
Minimum order: 1 each.

DORMA is a registered trademark of Dorma GmbH + Co. KG Limited Partnership.
UL is a registered trademark of UL LLC.

CRL Offset Top Pivots

- Can Be Used With All Floor Mounted Door Closers
- Pivots Are Non-Handed
- Full Mortise



3/4" (19 MM) OFFSET TOP PIVOTS

CAT. NO.	FINISH
CRL9075SC	Satin Chrome
CRL9075CH	Polished Chrome
CRL9075PB	Polished Brass
CRL9075DU	Dark Bronze

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing.

1-1/2" (38 MM) OFFSET TOP PIVOTS

CAT. NO.	FINISH
95120SC	Satin Chrome
95120CH	Polished Chrome
95120DU	Dark Bronze

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing.

CRL Offset Bottom Arms

- Fit All Floor Mounted Door Closers With 7/8" (22 mm) Flat Tapered Spindles

MORE INFORMATION crlaurence.com



Non-Handed



Right Hand Shown

3/4" (19 MM) OFFSET BOTTOM ARMS

CAT. NO.	FINISH
207090630	Brushed Stainless
207090605	Polished Brass
207090629	Polished Stainless
207090313	Dark Bronze

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing.

1-1/2" (38 MM) OFFSET BOTTOM ARMS

LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
95323LHSC	95323RHSC	Satin Chrome
95323LHCH	95323RHCH	Polished Chrome
95323LHDU	95323RHDU	Dark Bronze

Minimum order: 1 each. Finishes and handing can be combined for quantity pricing.

CRL Jackson® 3/4" Offset Intermediate Aluminum Pivots

- For New or Retrofit Use
- Handed Left or Right

These 3/4" (19 mm) Offset Intermediate Aluminum Pivots are not intended to be load-bearing pivots. Pivots feature a 5/8" (16 mm) vertical adjustment.



LH Shown

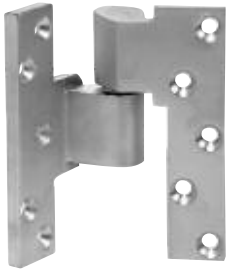
LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
41J190L628	41J190R628	Aluminum
41J190L313	41J190R313	Dark Bronze

Minimum order: 1 each. Finishes and handing can be combined for quantity pricing.

CRL Heavy-Duty 3/4" Offset Intermediate Pivots

- For New or Retrofit Use
- Handed Left or Right

These are handed, full-mortise type Pivots, which feature a full race ball bearing and oilite bronze bushing for long maintenance-free life. Pivots allow for a 5/8" (16 mm) vertical adjustment, and feature a fully retractable pin for easy installation.



LH Shown

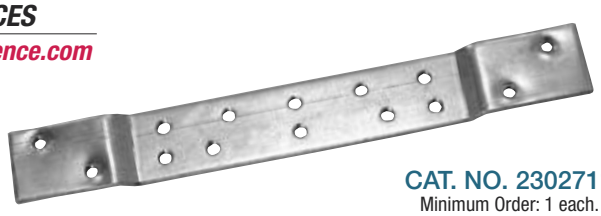
LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
CRL19LHSC	CRL19RHSC	Satin Chrome
CRL19LHPC	CRL19RHPC	Polished Chrome
CRL19LHPB	CRL19RHPB	Polished Brass
CRL19LHDU	CRL19RHDU	Dark Bronze

Minimum order: 1 each. Finishes and handing can be combined for quantity pricing.

CRL Reinforcement Backing Plate for Intermediate Offset Pivots

- Used With Offset Intermediate Pivots
- Non-Handed, Used for Both Door and Frame Reinforcement

MORE CHOICES crlaurence.com



CAT. NO. 2302711
Minimum Order: 1 each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

Rixson® Floor Mounted Door Closers

- For Exterior or Interior Doors
- Selective Hold Open Feature
- Built-In Positive Dead Stop
- Adjustable Backcheck
- ANSI 156.4 Grade 1
- 10 Year Limited Warranty



27 Series 3/4" (19 mm) Offset



28 Series Center-Hung

RIXSON®

10 year WARRANTY

NOTE: CRL is a stocking Rixson® Specialty Door Control Distributor. If you need Rixson® products that are not shown in our catalog, please visit **crlaurence.com/door-closers** or contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

MORE INFORMATION crlaurence.com

Rixson® 27 Series 3/4" Offset Floor Mounted Door Closer Bodies Only

*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

RH Shown



27 SERIES FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
2790SH0RHB0DY	90° Selective Hold Open	Right Hand
2790SH0LHB0DY	90° Selective Hold Open	Left Hand
27105SH0RHB0DY	105° Selective Hold Open	Right Hand
27105SH0LHB0DY	105° Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

PH27 8.5 LB. A.D.A.* FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
PH2790SH0RH85	90° Selective Hold Open	Right Hand
PH2790SH0LH85	90° Selective Hold Open	Left Hand
PH27105SH0RH85	105° Selective Hold Open	Right Hand
PH27105SH0LH85	105° Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Rixson® 28 Series Center-Hung Floor Mounted Door Closer Bodies Only

*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

RH Shown



28 SERIES FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
2890SH0RHB0DY	90° Selective Hold Open	Right Hand
2890SH0LHB0DY	90° Selective Hold Open	Left Hand
28105SH0RHB0DY	105° Selective Hold Open	Right Hand
28105SH0LHB0DY	105° Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

PH28 8.5 LB. A.D.A.* FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
PH2890SH0RH85	90° Selective Hold Open	Right Hand
PH2890SH0LH85	90° Selective Hold Open	Left Hand
PH28105SH0RH85	105° Selective Hold Open	Right Hand
PH28105SH0LH85	105° Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Rixson® 328 Series Center-Hung Floor Mounted Door Closer Bodies for Patch Fittings

*Although A.D.A. Series Door Closers comply with A.D.A. specified opening forces, they might not provide adequate spring power to control and close the door due to varying site conditions and door size.

RH Shown



328 SERIES FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
32890SH0RHB0DY	90° Selective Hold Open	Right Hand
32890SH0LHB0DY	90° Selective Hold Open	Left Hand
328105SH0RHB0D	105° Selective Hold Open	Right Hand
328105SH0LHB0D	105° Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

PH328 8.5 LB. A.D.A.* FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
PH32890SH0R85	90° Selective Hold Open	Right Hand
PH32890SH0L85	90° Selective Hold Open	Left Hand
PH328105SH0R85	105° Selective Hold Open	Right Hand
PH328105SH0L85	105° Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Rixson® is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

Rixson® Accessories for Floor Mounted Door Closers

MORE CHOICES crlaurence.com

RIXSON®

Rixson® Cement Case for 27 and 28 Series Floor Mounted Door Closers

- Not Supplied With Closer Body



CAT. NO. 253000
Minimum Order: 1 Each

Rixson® 3/4" Offset Top Pivots

- Oil-Impregnated Sintered Bronze Bearing
- Non-Handed in Four Finishes



CAT. NO.	FINISH
R180SC	Satin Chrome
R180PC	Polished Chrome
R180PB	Polished Brass
R180DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® 3/4" Offset Arms for 27 Series Floor Mounted Door Closers

- Four Finishes



RH Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	COVER FINISH
252050LHSC	252050RHSC	Satin Chrome
252050LHPC	252050RHPC	Polished Chrome
252050LHPB	252050RHPB	Polished Brass
252050LHDU	252050RHDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® 3/4" Offset Intermediate Pivots

- Four Finishes



LH Shown



RH Shown

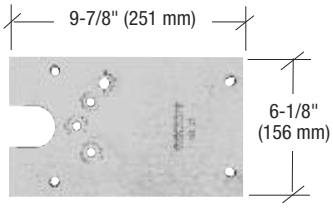
See Page CH183 for Reinforcement Backing Plates

LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
M19LHSC	M19RHSC	Satin Chrome
M19LHPC	M19RHPC	Polished Chrome
M19LHPB	M19RHPB	Polished Brass
M19LHDU	M19RHDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® Cover Plates for 27 Series SHO Floor Mounted Door Closers

- Four Finishes



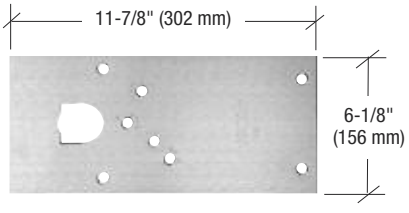
RH Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
274750LHSC	274750RHSC	Satin Chrome
274750LHPC	274750RHPC	Polished Chrome
274750LHPB	274750RHPB	Polished Brass
274750LHDU	274750RHDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® Cover Plates for 28 Series SHO Floor Mounted Door Closers

- Four Finishes



LH Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
284720LHSC	284720RHSC	Satin Chrome
284720LHPC	284720RHPC	Polished Chrome
284720LHPB	284720RHPB	Polished Brass
284720LHDU	284720RHDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

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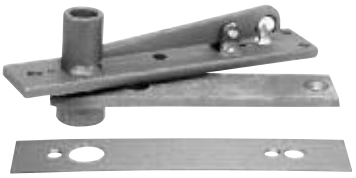
Rixson® Accessories for Floor Mounted Door Closers

RIXSON®

Rixson® Regular Duty and Heavy-Duty Center-Hung Top Pivots

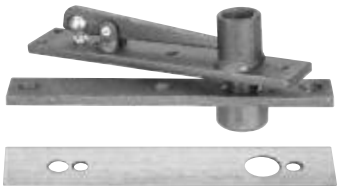
- Regular Duty 1/2" (13 mm) Diameter Pivot Pin With Sintered Bronze Bearing
- Heavy-Duty 11/16" (17 mm) Diameter Pivot Pin With Needle Bearing
- New Long Throw Heavy-Duty 3/4" (19 mm) Diameter Pivot Pin With Needle Bearing for Doors Over 8'6" (2.6 m) in Height
- Finished Cover Plates, Wood, and Machine Screws Are Included
- Pivots Are Non-Handed
- Four Finishes

NOTE: Custom Rail and Header preparations are required when using the H345 Series Long Throw Heavy-Duty Pivot.

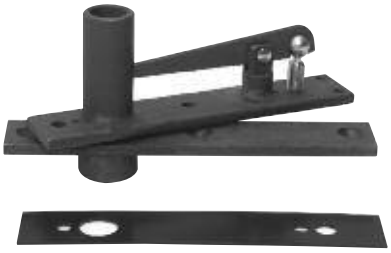


Regular Duty Top Pivot

MORE CHOICES
crlaurence.com



Heavy-Duty Top Pivot



Long Throw Heavy-Duty Top Pivot

REGULAR DUTY CAT. NO.	HEAVY-DUTY CAT. NO.	LONG THROW HEAVY-DUTY CAT. NO.	COVER PLATE FINISH
340SC	H340SC	H345SC	Satin Chrome
340PC	H340PC	H345PC	Polished Chrome
340PB	H340PB	H345PB	Polished Brass
340DU	H340DU	H345DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® 340 and H340 Walking Beam Adapter Blocks for Top Rail

- For Use With CRL DRS Door Rail System
- Used for Center-Hung Applications With Rixson® 340 or H340 Walking Beam Pivots



CAT. NO. CRL340ADP

Regular Duty Adapter Block
Minimum Order: 1 Each



CAT. NO. CRLH340ADP

Heavy-Duty Adapter Block
Minimum Order: 1 Each

Rixson® 28 Series Center-Hung Arm

- For Use With 28 Series Door Closers
- Non-Handed With Finished Mounting Hardware



CAT. NO.	FINISH OF EXPOSED HARDWARE
282026SC	Satin Chrome
282026PC	Polished Brass
282026PB	Polished Stainless
282026DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® 554 Center-Hung Arm

- For Use With 28 Series Door Closers
- Non-Handed, Completely Concealed



CAT. NO. 282554

Minimum Order: 1 Each



28 Series Door Closers sold separately
(See page CH184)

Rixson® is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

CRL Concealed Door Closer Retrofit Free-Swing Pivots and Arms

- Converts Most Concealed Overhead and Floor Closers Into Free-Swing Arm and Bottom Pivot

CRL Floor Closer Center-Hung Free-Swing Arm and Bottom Pivot

MORE INFORMATION crlaurence.com



CAT. NO.	DESCRIPTION
NDC100	Center-Hung Free-Swing Arm and Bottom Pivot

Minimum order: 1 each.

CRL Floor Closer Offset Free-Swing Arm and Bottom Pivot



RH Shown

CAT. NO.	DESCRIPTION
NDC101LH	Left Hand 3/4" (19 mm) Offset
NDC101RH	Right Hand 3/4" (19 mm) Offset
NDC101LH15	Left Hand 1-1/2" (38 mm) Offset
NDC101RH15	Right Hand 1-1/2" (38 mm) Offset

Minimum order: 1 each.

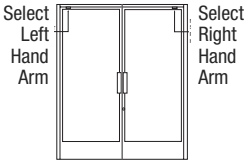
CRL Overhead Concealed Center-Hung Free-Swing End-Load Top Arm



CAT. NO.	DESCRIPTION
NDC102	Center-Hung Free-Swing End-Load Top Arm

Minimum order: 1 each.

CRL Overhead Concealed Center-Hung Free-Swing Side-Load Top Arm



As Viewed From Inside



LH Shown

CAT. NO.	DESCRIPTION
NDC102SLLH	Left Hand Center-Hung Free-Swing Side-Load Top Arm
NDC102SLRH	Right Hand Center-Hung Free-Swing Side-Load Top Arm

Minimum order: 1 each.

Rixson is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

Rixson® Overhead Stops and Holders

Multi-Function 10 Series Surface Mount Overhead Stops and Holders

- Surface Mounted for New or Retrofit Installations



CAT. NO. 5258
Optional Mounting Bracket

DOOR OPENING TYPE			
CAT. NO.	OFFSET PIVOTS/HINGES	CENTER-HUNG PIVOTS	FINISH
10346SS 10346SA 10346DU	30-1/16" to 36" (764 to 914 mm)	32-1/16" to 38" (814 to 965 mm)	Satin Stainless Painted Aluminum Painted Dark Bronze
10446SS 10446SA 10446DU	36-1/16" to 42" (916 to 1067 mm)	38-1/16" to 45" (967 to 1143 mm)	Satin Stainless Painted Aluminum Painted Dark Bronze
10546SS 10546SA 10546DU	42-1/16" to 48" (1068 to 1219 mm)	45-1/16" to 48" (1145 to 1219 mm)	Satin Stainless Painted Aluminum Painted Dark Bronze

Minimum order: 1 each. All Overhead Stops can be combined for quantity pricing.

NOTE: Standard 10 Series Overhead Stops and Holders are shipped for Push Side Mounting. For Pull Side Mounting, Order Cat. No. 5258 Optional Mounting Bracket (see above).

Heavy-Duty 6 Series Concealed Mount Overhead Stop



- Concealed Slide Track in Top Door Rail

MORE INFORMATION crlaurence.com

DOOR OPENING TYPE			
CAT. NO.	OFFSET PIVOTS/HINGES	CENTER-HUNG PIVOTS	FINISH
6236SS 6236PB 6236DU	28-1/16" to 33" (713 to 838 mm)	30" to 36" (762 to 914 mm)	Satin Stainless Polished Brass Painted Dark Bronze
6336SS 6336PB 6336DU	33-1/16" to 38" (840 to 965 mm)	36-1/16" to 41" (916 to 1041 mm)	Satin Stainless Polished Brass Painted Dark Bronze
6436SS 6436PB 6436DU	38-1/16" to 43" (967 to 1092 mm)	41-1/16" to 46" (1043 to 1168 mm)	Satin Stainless Polished Brass Painted Dark Bronze
6536SS 6536PB 6536DU	43-1/16" to 48" (1094 to 1219 mm)	46-1/16" to 50" (1170 to 1270 mm)	Satin Stainless Polished Brass Painted Dark Bronze

Minimum order: 1 each. All Overhead Stops can be combined for quantity pricing.

CRL Jackson® Center-Hung Pivot Set for Aluminum Doors

- Set Includes Both Top and Bottom Pivot, Cover, and Components
- For Use With 1-3/4" (45 mm) Aluminum Doors
- Non-Handed



Top Pivot

Bottom Pivot

CAT. NO.	COVER PLATE FINISH
670M628	Satin Aluminum
670M313	Dark Bronze

Minimum order: 1 each. All Pivots Sets can be combined for quantity pricing.

Rixson® Center-Hung Pivot Set

- For Interior or Exterior Center-Hung Doors Up to 500 Pounds (227 kg)
- 340 Center-Hung Top Pivot and Cover Plate Included



Bottom Pivot

Regular Duty Top Pivot

CAT. NO.	COVER PLATE FINISH
370SC	Satin Chrome
370PC	Polished Chrome
370PB	Polished Brass
370DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Ives® Center-Hung Pivot Set

- Center-Hung Doors Up to 500 Pounds (227 kg)
- Non-Handed



Bottom Pivot

Top Pivot

CAT. NO.	FINISH
7255SETSC	Satin Chrome
7255SETDU	Dark Bronze

Minimum order: 1 each.

CRL Jackson® 3/4" Offset Pivot Set

- Includes Both Top and Bottom Pivot Components
- Non-Handed



Top Pivot

Bottom Pivot

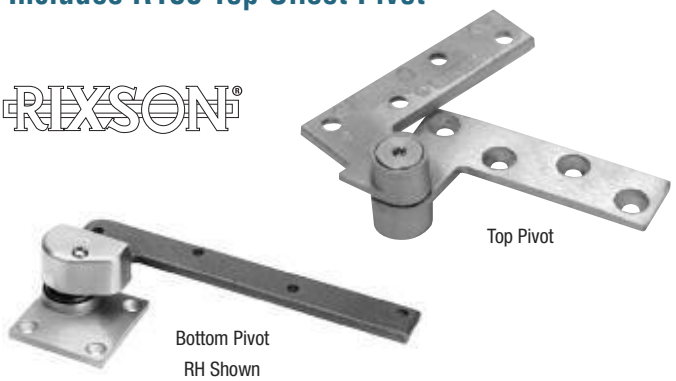
MORE CHOICES crlaurence.com

CAT. NO.	FINISH
689628	Satin Aluminum
689313	Dark Bronze

Minimum order: 1 each. All Pivot Sets can be combined for quantity pricing.

Rixson® 3/4" Offset Pivot Set

- Interior or Exterior Doors Up to 600 Pounds (272 kg) and 42" (1067 mm) Wide
- Includes R180 Top Offset Pivot



Top Pivot

Bottom Pivot
RH Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	COVER FINISH
147LHSC	147RHSC	Satin Chrome
147LHPC	147RHPC	Polished Chrome
147LHPB	147RHPB	Polished Brass
147LHDU	147RHDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

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Ives is a registered trademark of Allegion plc.

CRL 3/4" Offset Pivot Sets

MORE INFORMATION crlaurence.com

CRL Offset Pivot Sets for commercial doors feature quality machined and die cast components in combinations to accommodate just about any commercial door. Everything you need comes in one box, including the door fasteners and anchors. To assist in selection, enter the catalog number into the search box at **crlaurence.com**. Dimensions are provided on the offer page of each pivot set.

- 1/8" (3 mm) Vertical Adjustment
- Die Cast Aluminum
- Suitable for Aluminum Frames and Doors Weighing Up to 125 Pounds (57 kg)
- Oilite Bronze Bushing in Top Frame Portion

0P27 and 0P28 Series

- Non-Handed
- Reversible



Non-Handed

CAT. NO.	HANDING	APPLICATION	FINISH
0P27NHA	Reversible	Flush with Frame Face	Aluminum
0P27NHDU	Reversible	Flush with Frame Face	Dark Bronze
0P28NHA	Reversible	Recessed 1/8" (3 mm)	Aluminum
0P28NHDU	Reversible	Recessed 1/8" (3 mm)	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.

0P30 and 0P31 Series

- Handed - Not Reversible
- Used on Arcadia®, Arch Aluminum®, Tubelite®, Vistawall®



LH/RHR Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	APPLICATION	FINISH
0P30LHA	0P30RHA	Flush with Frame Face	Aluminum
0P30LHDU	0P30RHDU	Flush with Frame Face	Dark Bronze
0P31LHA	0P31RHA	Recessed 1/8" (3 mm)	Aluminum
0P31LHDU	0P31RHDU	Recessed 1/8" (3 mm)	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.

0P34 Series

- Handed - Not Reversible



LH/RHR Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	APPLICATION	FINISH
0P34LHA	0P34RHA	Flush with Frame Face	Aluminum
0P34LHDU	0P34RHDU	Flush with Frame Face	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see page CH190.

0P40 Series

- Handed - Not Reversible
- Used on Pittco®, PPG®



LH/RHR Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	APPLICATION	FINISH
0P40LHA	0P40RHA	Flush with Frame Face	Aluminum
0P40LHDU	0P40RHDU	Flush with Frame Face	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see page CH190.

0P41 Series

- Handed - Not Reversible
- Used on Pittco®, PPG®



LH/RHR Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	APPLICATION	FINISH
0P41LHA	0P41RHA	Recessed 3/32" (2 mm)	Aluminum
0P41LHDU	0P41RHDU	Recessed 3/32" (2 mm)	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see page CH190.

0P50 Series

- Handed - Not Reversible
- Used on Arch Aluminum®



LH/RHR Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	APPLICATION	FINISH
0P50LHA	0P50RHA	Recessed 1/8" (3 mm)	Aluminum
0P50LHDU	0P50RHDU	Recessed 1/8" (3 mm)	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see page CH190.

Arcadia is a registered trademark of Arcadia, Inc.
Arch Aluminum is a registered trademark of Trulite Glass and Aluminum Solutions, LLC
Tubelite is a registered trademark of Tubelite Inc.
Vistawall is a registered trademark of Oldcastle Building Envelope, Inc.
Pittco is a registered trademark of Pittco Architectural Metals, Inc.
PPG is a registered trademark of PPG Industries Ohio, Inc.

CRL 3/4" Offset Pivot Sets

MORE INFORMATION crlaurence.com

0P70 Series Kawneer® Type

- Handed - Not Reversible
- Used on Kawneer®



LH/RHR Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	APPLICATION	FINISH
0P70LHA	0P70RHA	Flush and Recessed 1/8" (3 mm)	Aluminum
0P70LHDU	0P70RHDU	Flush and Recessed 1/8" (3 mm)	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.

0P400 Series

- Handed - Not Reversible
- Used on U.S. Aluminum®
- Adjustable Bottom Door Portion



LH/RHR Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	APPLICATION	FINISH
0P40011L	0P40011R	Flush with Frame Face	Aluminum
0P40022L	0P40022R	Flush with Frame Face	Dark Bronze
0P40033L	0P40033R	Flush with Frame Face	Black

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.
For matching Intermediate Pivot Sets, see right.

J25 and J26 Series

- Handed - Not Reversible



LH/RHR Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	APPLICATION	FINISH
41J25L628	41J25R628	Flush with Frame Face	Satin Aluminum
41J25L313	41J25R313	Flush with Frame Face	Dark Bronze
41J26L628	41J26R628	Recessed 1/8" (3 mm)	Satin Aluminum
41J26L313	41J26R313	Recessed 1/8" (3 mm)	Dark Bronze

Minimum order: 1 set. All Pivot Sets can be combined for quantity pricing.

Intermediate 3/4" Offset Pivot Sets

- Handed - Not Reversible
- Used on U.S. Aluminum®



LH/RHR Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	APPLICATION	FINISH
DH02211L	DH02211R	Flush with Frame Face	Aluminum
DH02222L	DH02222R	Flush with Frame Face	Dark Bronze
DH02233L	DH02233R	Flush with Frame Face	Black

Minimum order: 1 each. All Pivot Sets can be combined for quantity pricing.

J14 Series Intermediate 3/4" Offset Pivot Sets

- Long or Short Leg Available for Jamb Mounting
- Reversible - Non-Handed



Short Leg

Long Leg

LH/RHR Shown

SHORT LEG CAT. NO.	LONG LEG CAT. NO.	APPLICATION	FINISH
41J14S628	41J14628	Jamb Mount	Satin Aluminum
41J14S313	41J14313	Jamb Mount	Dark Bronze

Minimum order: 1 each.

Kawneer® is a registered trademark of Alcoa Inc., and its subsidiaries and affiliates.

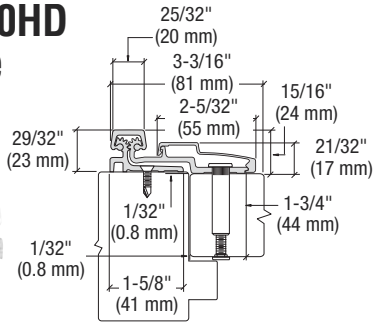
Roton® Continuous Hinges

- Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)
- Fire Rated

Standard Duty Hinges have bearings spaced 5-1/8" (130 mm) on Center; Heavy-Duty bearings are spaced 2-9/16" (65 mm) on center.

Roton® 210 and 210HD Series Full Surface Continuous Hinges





STANDARD DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
21083A	83" (2.11 m)	Satin Anodized	26469SA
21083DU	83" (2.11 m)	Dark Bronze Anodized	29815DU
21095A	95" (2.41 m)	Satin Anodized	26469SA
21095DU	95" (2.41 m)	Dark Bronze Anodized	29815DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

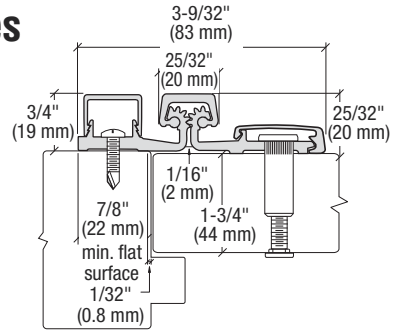
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
210HD83A	83" (2.11 m)	Satin Anodized	26469SA
210HD83DU	83" (2.11 m)	Dark Bronze Anodized	29815DU
210HD95A	95" (2.41 m)	Satin Anodized	26469SA
210HD95DU	95" (2.41 m)	Dark Bronze Anodized	29815DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

Roton® 157 and 157HD Series Full Surface Frame Face Continuous Hinges





STANDARD DUTY FULL SURFACE FRAME FACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
15783A	83" (2.11 m)	Satin Anodized	64611SA
15783DU	83" (2.11 m)	Dark Bronze Anodized	31740DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

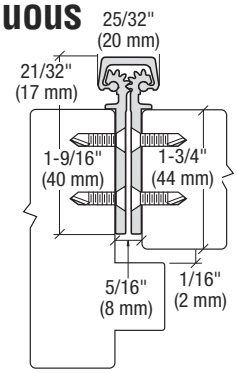
HEAVY-DUTY FULL SURFACE FRAME FACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
157HD83A	83" (2.11 m)	Satin Anodized	64611SA
157HD83DU	83" (2.11 m)	Dark Bronze Anodized	31740DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

Roton® 112 and 112HD Series Concealed Leaf Continuous Hinges





STANDARD DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
11283A	83" (2.11 m)	Satin Anodized	61362SA
11283DU	83" (2.11 m)	Dark Bronze Anodized	61815DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

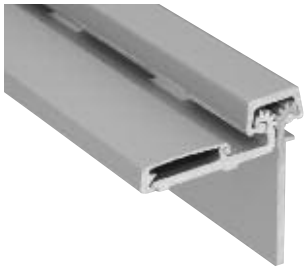
HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

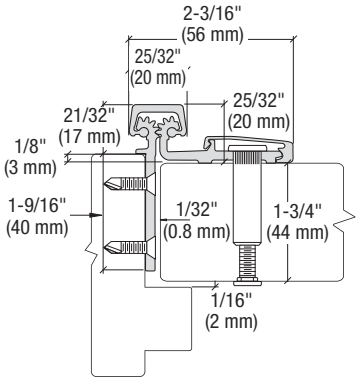
HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
112HD83A	83" (2.11 m)	Satin Anodized	61362SA
112HD83DU	83" (2.11 m)	Dark Bronze Anodized	61815DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

Roton is a registered trademark of C. Hager & Sons Hinge Manufacturing Company.

Roton® 053 Series Half Surface Continuous Hinges





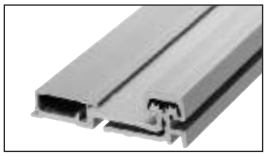
MORE CHOICES
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STANDARD DUTY HALF SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
05383A	83" (2.11 m)	Satin Anodized	22701SA
05383DU	83" (2.11 m)	Dark Bronze Anodized	26245DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Continuous Hinges



100 and 150 Series
Full Surface Hinges



200 and 250 Series
Full Surface Hinges



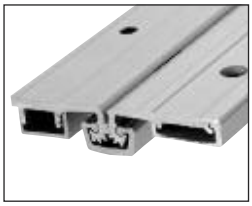
300 and 350 Series
Concealed Leaf Hinges



400 and 450 Series
Concealed Leaf Hinges

- **Continuous Hinges are Specified by Large Retail Stores and Schools Because of Their Long Service Life**
- **Four Models Available in Standard or Heavy-Duty**
- **Satin Anodized and Dark Bronze Anodized Finishes**

CRL Continuous Hinges are made of high strength aluminum with a full-length rolling gear profile to align doors perfectly from top to bottom. Special self-lubricating polyacetal load bearing blocks deliver smooth, almost floating operation on even the heaviest doors. Hinges are completely secure because all mounting hardware is hidden when installed. Easy to install CRL Continuous Hinges come with instructions and all necessary hardware for mounting. Replacement Screw Packs and Screw Covers are also available separately for on the job repairs.

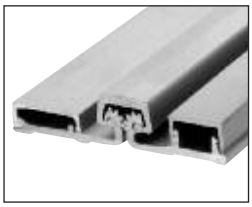


FEATURES AND BENEFITS

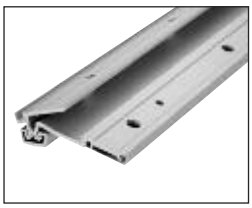
All Hinges are anodized after machining is done to provide longer life and reduce corrosion.



Standard Duty Hinges have 16 load bearing blocks for doors up to 200 pounds (90 kg). Heavy-Duty Hinges have 32 load bearing blocks for doors up to 600 pounds (272 kg) if attached with Rivet-Nuts.



Precision extruded components deliver smooth operation and long service life.

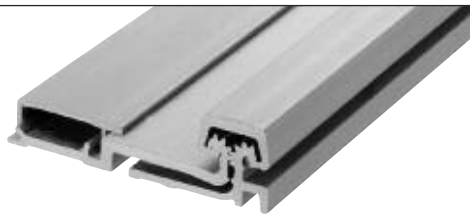


Our hole pattern is designed to speed up installations, but still provide the required attachment points needed to carry the weight.

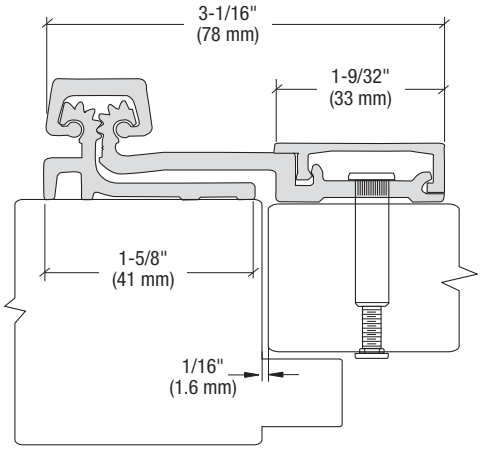
CRL 100 and 150 Series Full Surface Continuous Hinges

- **Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)**
- **Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)**
- **Available in Satin Anodized and Dark Bronze Anodized Finishes**

MORE INFORMATION
crlaurence.com



These CRL Full Surface Continuous Hinges have load bearing blocks every 5-1/8" (130 mm) on the Standard Duty Hinge, and every 2-9/16" (65 mm) on the Heavy-Duty Hinge. They are available in satin anodized and dark bronze anodized finishes. A pack of installation screws is included with each Hinge. Replacement Screws Packs and Screw Covers are also available separately.



STANDARD DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW COVER CAT. NO.	SCREW PACK CAT. NO.
10083A	83" (2.11 m)	Satin Anodized	RSC100A	RSP100A
10083DU	83" (2.11 m)	Dark Bronze Anodized	RSC100DU	RSP100DU

HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW COVER CAT. NO.	SCREW PACK CAT. NO.
15083A	83" (2.11 m)	Satin Anodized	RSC100A	RSP100A
15083DU	83" (2.11 m)	Dark Bronze Anodized	RSC100DU	RSP100DU
15095A	95" (2.41 m)	Satin Anodized	RSC150A	RSP100A
15095DU	95" (2.41 m)	Dark Bronze Anodized	RSC150DU	RSP100DU
150120A	120" (3.05 m)	Satin Anodized	RSC150A	RSP100A
150120DU	120" (3.05 m)	Dark Bronze Anodized	RSC150DU	RSP100DU

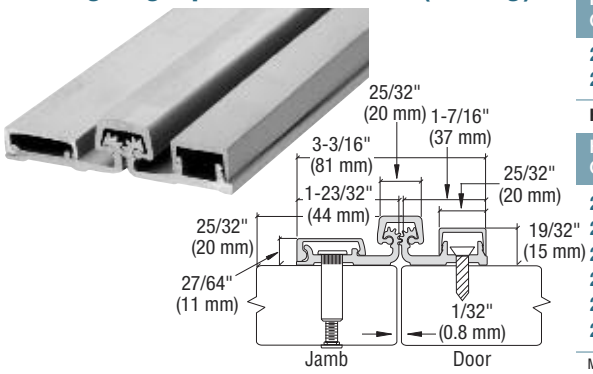
Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL 200 and 250 Series Full Surface Continuous Hinges

- **Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)**
- **Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)**



These CRL Full Surface Continuous Hinges have load bearing blocks every 5-1/8" (130 mm) on the Standard Duty Hinge, and every 2-9/16" (65 mm) on the Heavy-Duty Hinge. A pack of installation screws is included with each Hinge. Replacement Screw Packs and Screw Covers are also available separately.

STANDARD DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW COVER SET CAT. NO.	SCREW PACK CAT. NO.
20083A	83" (2.11 m)	Satin Anodized	RSC200A	RSP200A
20083DU	83" (2.11 m)	Dark Bronze Anodized	RSC200DU	RSP200DU

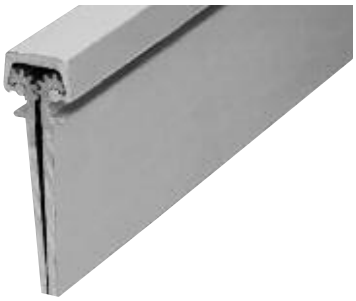
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW COVER SET CAT. NO.	SCREW PACK CAT. NO.
25083A	83" (2.11 m)	Satin Anodized	RSC200A	RSP200A
25083DU	83" (2.11 m)	Dark Bronze Anodized	RSC200DU	RSP200DU
25095A	95" (2.41 m)	Satin Anodized	RSC250A	RSP200A
25095DU	95" (2.41 m)	Dark Bronze Anodized	RSC250DU	RSP200DU
250120A	120" (3.05 m)	Satin Anodized	RSC250A	RSP200A
250120DU	120" (3.05 m)	Dark Bronze Anodized	RSC250DU	RSP200DU

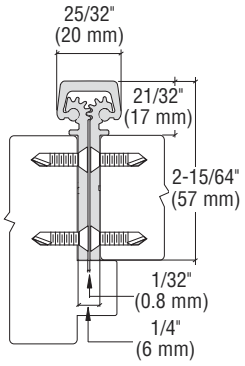
Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL 300 and 350 Series Concealed Leaf Continuous Hinges

- **Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)**
- **Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)**



MORE INFORMATION
crlaurence.com



These CRL Concealed Leaf Continuous Hinges have load bearing blocks every 5-1/8" (130 mm) on the Standard Duty Hinge, and every 2-9/16" (65 mm) on the Heavy-Duty Hinge. A pack of installation screws is included with each Hinge. Replacement Screw Packs are also available separately.

STANDARD DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW PACK CAT. NO.
30083A	83" (2.11 m)	Satin Anodized	RSP300A
30083DU	83" (2.11 m)	Dark Bronze Anodized	RSP300DU

HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

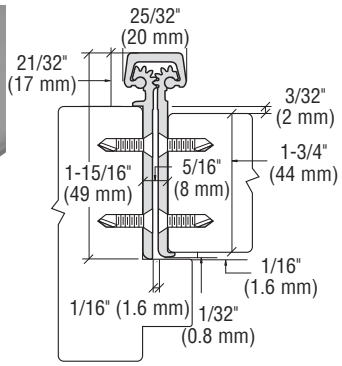
HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW PACK CAT. NO.
35083A	83" (2.11 m)	Satin Anodized	RSP300A
35083DU	83" (2.11 m)	Dark Bronze Anodized	RSP300DU
35095A	95" (2.41 m)	Satin Anodized	RSP300A
35095DU	95" (2.41 m)	Dark Bronze Anodized	RSP300DU
350120A	120" (3.05 m)	Satin Anodized	RSP300A
350120DU	120" (3.05 m)	Dark Bronze Anodized	RSP300DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL 400 and 450 Series Concealed Leaf Continuous Hinges

- **Standard Duty Hinges for Doors Weighing Up to 200 Pounds (90 kg)**
- **Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)**





These CRL Concealed Leaf Continuous Hinges have load bearing blocks every 5-1/8" (130 mm) on the Standard Duty Hinge, and every 2-9/16" (65 mm) on the Heavy-Duty Hinge. A pack of installation screws is included with each Hinge. Replacement Screw Packs are also available separately.

STANDARD DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW PACK CAT. NO.
40083A	83" (2.11 m)	Satin Anodized	RSP400A
40083DU	83" (2.11 m)	Dark Bronze Anodized	RSP400DU

HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	SCREW PACK CAT. NO.
45083A	83" (2.11 m)	Satin Anodized	RSP400A
45083DU	83" (2.11 m)	Dark Bronze Anodized	RSP400DU
45095A	95" (2.41 m)	Satin Anodized	RSP400A
45095DU	95" (2.41 m)	Dark Bronze Anodized	RSP400DU
450120A	120" (3.05 m)	Satin Anodized	RSP400A
450120DU	120" (3.05 m)	Dark Bronze Anodized	RSP400DU

Minimum order: 1 each. All CRL Continuous Hinges can be combined for quantity pricing.

CRL Ball Bearing Hinges

MORE CHOICES crlaurence.com

- Square or Radius Corners Full Mortise
- Packaged Three Per Box Complete With Machine and Wood Screws
- Choose From Removable or Non-Removable Pins

CRL 4-1/2" x 4" Standard Weight Ball Bearing Hinge



• 1/4" Radius Corners

These CRL 4-1/2" x 4" (114 x 102 mm) Hinges have 1/4" (6 mm) radius corners. Ball bearing full mortise type Hinges are ideal for medium weight doors receiving average frequency use. Hinges come three per box, with machine screws and wood screws included. If back-up plates are required use Cat. No. MHT4 (see page CH196).

REMOVABLE PIN CAT. NO.	NON-REMOVABLE PIN CAT. NO.	FINISH
BB30A	BB35NRPA	Satin Chrome
BB30BRZ	BB35NRPBRZ	Dark Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4" Heavy Weight Ball Bearing Hinge



• 1/4" Radius Corners

These CRL 4-1/2" x 4" (114 x 102 mm) Hinges have 1/4" (6 mm) radius corners. Ball bearing full mortise type Hinges are ideal for heavy weight doors receiving high frequency use. Hinges come three per box, with machine screws and wood screws included. If back-up plates are required use Cat. No. MHA4 (see page CH196).

REMOVABLE PIN CAT. NO.	NON-REMOVABLE PIN CAT. NO.	FINISH
BB50A	BB55NRPA	Satin Chrome
BB50BRZ	BB55NRPBRZ	Dark Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4-1/2" Standard Weight Ball Bearing Hinge



• 1/4" Radius Corners

These CRL 4-1/2" x 4-1/2" (114 x 114 mm) Hinges have 1/4" (6 mm) radius corners. Ball bearing full mortise type Hinges are ideal for medium weight doors receiving average frequency use. Hinges come three per box, with machine screws and wood screws included. If back-up plates are required use Cat. No. MHT4 (see page CH196).

REMOVABLE PIN CAT. NO.	NON-REMOVABLE PIN CAT. NO.	FINISH
BB40A	BB45NRPA	Satin Chrome
BB40BRZ	BB45NRPBRZ	Dark Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4-1/2" Heavy Weight Ball Bearing Hinge



• 1/4" Radius Corners

These CRL 4-1/2" x 4-1/2" (114 x 114 mm) Hinges have 1/4" (6 mm) radius corners. Heavy weight ball bearing Hinges are ideal for heavy weight doors receiving high frequency use. Hinges come three per box, with machine screws and wood screws included. If back-up plates are required use Cat. No. MHA4 (see page CH196).

REMOVABLE PIN CAT. NO.	NON-REMOVABLE PIN CAT. NO.	FINISH
BB60A	BB65NRPA	Satin Chrome
BB60BRZ	BB65NRPBRZ	Dark Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4-1/2" Standard Weight Ball Bearing Hinge



• Square Corners

These ball bearing full mortise type Butt Hinges are ideal for medium weight metal doors receiving average frequency use. Standard non-rising button-head pins, also available with non-removable pins. Hinges are packed three per box, with machine and wood screws included. If back-up plates are required use Cat. No. MHT4 (see page CH196).

REMOVABLE PIN CAT. NO.	NON-REMOVABLE PIN CAT. NO.	FINISH
BB10A	BB15NRPA	Satin Chrome
BB10BRZ	BB15NRPBRZ	Dark Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4-1/2" Heavy Weight Ball Bearing Hinge



• Square Corners

CRL 4-1/2" x 4-1/2" (114 x 114 mm) heavy weight ball bearing full mortise type Hinges are ideal for heavy weight doors receiving high frequency use. Hinges come three per box, with machine screws and wood screws included. If back-up plates are required use Cat. No. MHA4 (see page CH196).

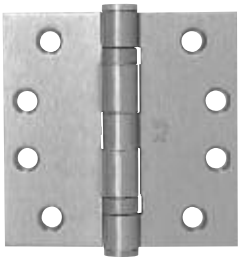
REMOVABLE PIN CAT. NO.	NON-REMOVABLE PIN CAT. NO.	FINISH
BB20A	BB25NRPA	Satin Chrome
BB20BRZ	BB25NRPBRZ	Dark Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL Ball Bearing Full Mortise Hinges

- Full Mortise Hinges With Square Corners for Medium Weight Doors
- Four Sizes Available in a Number of Finishes
- Packed Three Per Box Complete With Machine and Wood Screws

MORE CHOICES crlaurence.com



3-1/2" X 3-1/2" (89 X 89 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
CB3510B	Removable Pin	Antique Oiled Bronze
CB3515	Removable Pin	Dull Nickel
CB3526	Removable Pin	Bright Chrome
CB3526D	Removable Pin	Satin Chrome

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

4" X 4" (102 X 102 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
CB410	Removable Pin	Dull Bronze
CB410B	Removable Pin	Antique Oiled Bronze
CB415	Removable Pin	Dull Nickel
CB415A	Removable Pin	Antique Nickel
CB426	Removable Pin	Bright Chrome
CB426D	Removable Pin	Satin Chrome
CB43	Removable Pin	Polished Brass
CB44	Removable Pin	Dull Brass

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

4-1/2" X 4-1/2" (114 X 114 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
CB4510A	Removable Pin	Antique Lacquer Bronze
CB4510B	Removable Pin	Antique Oiled Bronze
CB4515	Removable Pin	Dull Nickel
CB4532D	Removable Pin	Satin Stainless Steel
CB454	Removable Pin	Dull Brass
CB455	Removable Pin	Antique Brass
CB45D	Removable Pin	Black
CB45P	Removable Pin	Prime Coat

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

5" X 5" (127 X 127 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
CB510B	Removable Pin	Antique Oiled Bronze
CB526D	Removable Pin	Satin Chrome
CB53	Removable Pin	Polished Brass

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4" x 4" Ball Bearing Hinge

- 1/4" Radius Corners

These 4" x 4" (102 x 102 mm) Hinges have 1/4" (6 mm) radius corners. Ball bearing full mortise type Hinges are ideal for medium weight doors receiving average frequency use. Hinges come packed three per box, with machine and wood screws included.



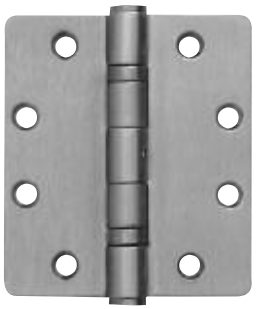
CAT. NO.	HINGE PIN TYPE	FINISH
CB4410B	Removable Pin	Antique Oiled Bronze
CB4415	Removable Pin	Dull Nickel
CB4426D	Removable Pin	Satin Chrome
CB443	Removable Pin	Polished Brass
CB444	Removable Pin	Dull Brass
CB44D	Removable Pin	Black

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 4-1/2" x 4" Standard Weight Ball Bearing Hinge

- Stainless Steel
- Used On U.S. Aluminum Narrow, Medium, and Wide Stile Doors

These 4-1/2" x 4" (114 x 102) stainless steel Hinges have 1/4" (6 mm) radius corners. Ball bearing full mortise type Hinges are ideal for storefront doors receiving moderate to heavy traffic flow. Hinges are sold individually, with machine screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
DH70911	Non-Removable Pin	Clear
DH70922	Non-Removable Pin	Bronze

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Universal Hinge Replacement Kit for Storefront Doors

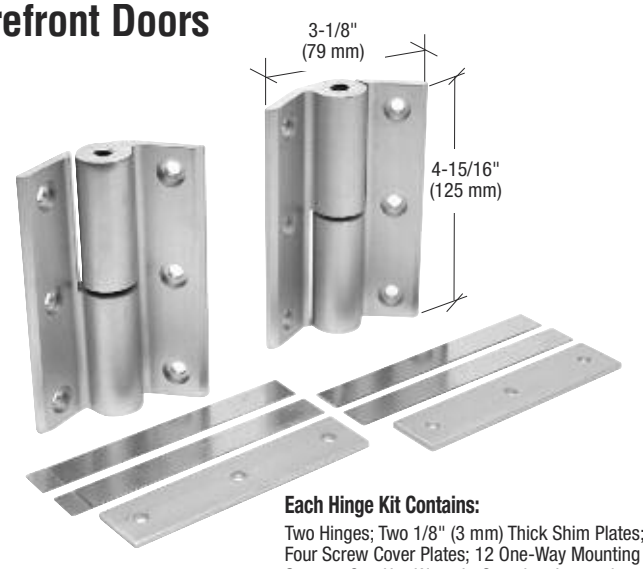
- Universal Fit for Both Flush and 1/8" (3 mm) Recessed Doors
- Use for Doors Weighing Up to 300 Pounds (136 kg)
- Instant Adjustments to Fine Tolerances
- Smooth Bearing Action
- Self-Lubricating Pin

MORE INFORMATION crlaurence.com

This Universal Hinge Replacement Kit is machined to the close tolerances required for heavy, continuously used commercial doors. The universal fit allows replacement of all storefront hinges without modification on both flush and 1/8" (3 mm) recessed doors. The secure, non-exposed hinge pins cannot be reached, removed or tampered with. The door weight is supported by a case hardened, self-lubricating pin and machine quality anti-friction roller with thrust bearings sealed in oil.

CAT. NO.	FINISH
DL1099A	Satin Anodized
DL1099DU	Bronze Anodized

Minimum order: 1 pair. All Storefront Hinges can be combined for quantity pricing.



Each Hinge Kit Contains:
Two Hinges; Two 1/8" (3 mm) Thick Shim Plates; Four Screw Cover Plates; 12 One-Way Mounting Screws; One Hex Wrench; Complete Instructions

CRL 4" x 4" Heavy-Duty Spring Hinge

- 1/4" (6 mm) Radius Corners
- Commercial Grade

These 4" x 4" (102 x 102 mm) Heavy-Duty Spring Hinges have 1/4" (6 mm) radius corners and are packed one per box. Wood and machine screws are included.



CAT. NO.	FINISH
S4410B	Antique Oiled Bronze
S4415	Dull Nickel
S4415A	Antique Nickel
S4426BC	Bright Chrome
S4426D	Satin Chrome
S443	Polished Brass
S444	Dull Brass
S44D	Black

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Heavy-Duty Square Spring Hinges

- Available in Two Sizes

These Heavy-Duty Spring Hinges have square corners and are packed one per box. Wood and machine screws are included.



4" X 4" (102 X 102 MM)

CAT. NO.	FINISH
S410B	Antique Oiled Bronze
S415	Dull Nickel
S426D	Satin Chrome

4-1/2" X 4-1/2" (114 X 114 MM)

CAT. NO.	FINISH
S4510B	Antique Oiled Bronze
S4515	Dull Nickel
S4526D	Satin Chrome

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Reinforcement Backing Plates for Butt Hinge Installations

- Non-Handed, Can Be Used for Both Door and Frame Reinforcement



CAT. NO. MHT4
Minimum Order: 1 each.

Used With BB10, BB15, BB30, BB35, BB40, BB45, and CB45 Style Standard Weight Butt Hinges



CAT. NO. MHA4
Minimum Order: 1 each.

Used With BB20, BB25, BB50, BB55, BB60, BB65 and S45 Style Heavy Weight Butt Hinges

CRL Double-Acting Spring Hinge

- Available for Two Door Thicknesses
- Dull Brass Finish

CRL Double-Acting Spring Hinges have square corners and are available for two door thicknesses. They are packed one pair per box. Wood and machine screws are included.



CAT. NO.	DOOR THICKNESS	FINISH
0705DB	Fits 1" to 1-1/2" (25 to 38 mm) Doors	Dull Brass
0706DB	Fits 1-1/4" to 1-3/4" (32 to 45 mm) Doors	Dull Brass

Minimum order: 1 pair. Sizes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Heavy-Duty Mortise Lever Lockset

- ANSI A156.13 Series 1000 Grade 1
- Supplied in ANSI-F20 Entrance Lock Function
- Field Reversible (Non-Handed)
- Fits Doors 1-3/8" to 1-3/4" (35 to 45 mm) Thick
- 2-3/4" (70 mm) Backset
- Schlage® 'C' 6-Pin, 1-1/8" (29 mm) Mortise Cylinder
- Supplied With ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike
- Locks are Keyed Randomly

Other functions are available through our special order program. For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at crlaurence.com/support.

MORE INFORMATION crlaurence.com



Interior Side

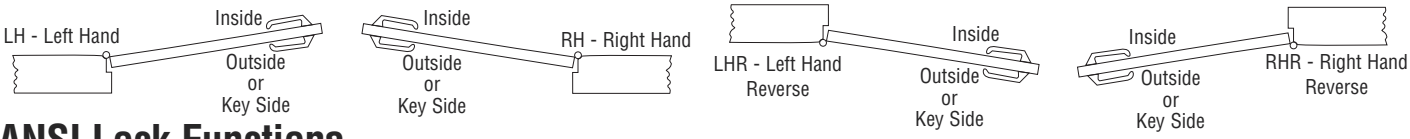


CAT. NO.	DESCRIPTION	FINISH
ML9453	Heavy-Duty Mortise Lever Lock	Satin Chrome

Minimum order: 1 each. Specify handing when ordering.

Door Handing Capabilities

Door Handing is Determined from Outside or Key (Secure) Side of the Door.



ANSI Lock Functions

INTERIOR EXTERIOR	FUNCTION ANSI NUMBER	FUNCTION DESCRIPTION
	Entrance F 109	Pushing inside button locks outside trim, requiring key to unlock. Pushing and twisting button locks outside lever and always requires a key to unlatch. Inside lever always allows free egress.
	Storeroom F 86	Outside lever always locked. Key unlatches only. Inside lever always allows free egress.
	Passage F 75	Both levers are always free.
	Privacy F 76	Push button locking from inside. Lock can be opened from outside with narrow flat head screwdriver or by rotating inside lever.
	Entrance F 20	Latchbolt operated by lever from either side, except when outside lever is made inoperative by push button rocker. Deadbolt projected by key from outside and by thumbturn from inside. Deadbolt retracted by key from outside. Both bolts retracted by inside lever with simultaneous retraction.

CRL Cylindrical Lever Lock Code Compliances

- ANSI A156.2 Grade 1. UL10C and UBC 7.2 for Positive Pressure
- ANSI A117.1 and A.D.A. for Barrier-Free Accessibility
- C-UBC California Amended Uniform Builders Code – 2001
- NFPA-80 National Fire Protection - 1999
- NFPA101 National Fire Protection - Life Safety - 2000

CRL Mortise Lever Lock Code Compliances

- ANSI A156.13 Series 1000 Grade 1 Listed. UL10C and UBC 7.2 for Positive Pressure
- ANSI A117.1 and A.D.A. for Barrier-Free Accessibility
- C-UBC California Amended Uniform Builders Code – 2001
- NFPA-80 National Fire Protection - 1999
- NFPA101 National Fire Protection - Life Safety - 2000

UL is a registered trademark of UL LLC.
Schlage is a registered trademark of Allegion plc.

CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Entrance

- Clutch Feature
- Choice of Keyways
- ANSI A156.2 Grades 1 and 2
- UL Listed

MORE CHOICES crlaurence.com



Schlage® 'C' 6-Pin Keyway

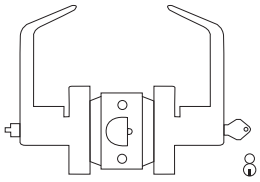
These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed, reversible, and have a clutch feature that disengages the outer lever when the latch is locked. This prevents latch failure when excessive torque is applied to the outer lever in an attempt to force entry.

These Locksets are UL Listed with a 3-hour fire rating, and fit door thicknesses from 1-3/8" to 1-3/4" (35 to 45 mm) with a 2-3/4" (70 mm) backset. Available with either a Schlage® 'C' 6-pin keyway or a 7-pin Small Format Interchangeable Core (SFIC) and an ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike. **NOTE:** Locksets are keyed randomly.

GRADE 1

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D50ENT	D52ENT	Brushed Chrome
D50ENTCH	D52ENTCH	Polished Chrome
D50ENTBN	D52ENTBN	Brushed Nickel
D50ENTPB	D52ENTPB	Polished Brass
D50ENT0RB	D52ENT0RB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



Entrance Function (F109)

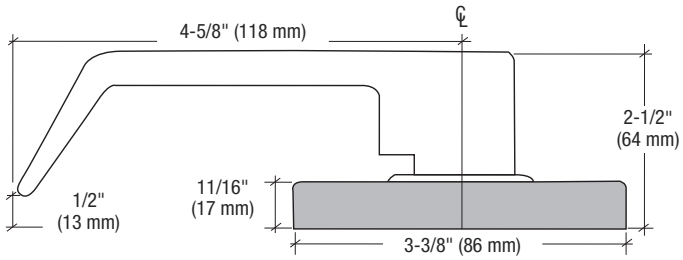


7-Pin SFIC Keyway

GRADE 2

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D55ENT	D57ENT	Brushed Chrome
D55ENTCH	D57ENTCH	Polished Chrome
D55ENTBN	D57ENTBN	Brushed Nickel
D55ENTPB	D57ENTPB	Polished Brass
D55ENT0RB	D57ENT0RB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Storeroom

- Clutch Feature
- Choice of Keyways
- ANSI A156.2 Grades 1 and 2
- UL Listed



Schlage® 'C' 6-Pin Keyway

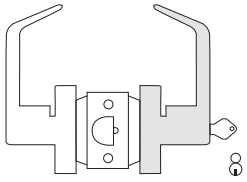
These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed, reversible, and have a clutch feature that disengages the outer lever when the latch is locked. This prevents latch failure when excessive torque is applied to the outer lever in an attempt to force entry.

These Locksets are UL Listed with a 3-hour fire rating, and fit door thicknesses from 1-3/8" to 1-3/4" (35 to 45 mm) with a 2-3/4" (70 mm) backset. Available with either a Schlage® 'C' 6-pin keyway or a 7-pin Small Format Interchangeable Core (SFIC) and an ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike. **NOTE:** Locksets are keyed randomly.

GRADE 1

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D70STR	D72STR	Brushed Chrome
D70STRCH	D72STRCH	Polished Chrome
D70STRBN	D72STRBN	Brushed Nickel
D70STRPB	D72STRPB	Polished Brass
D70STR0RB	D72STR0RB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



Storeroom Function (F86)

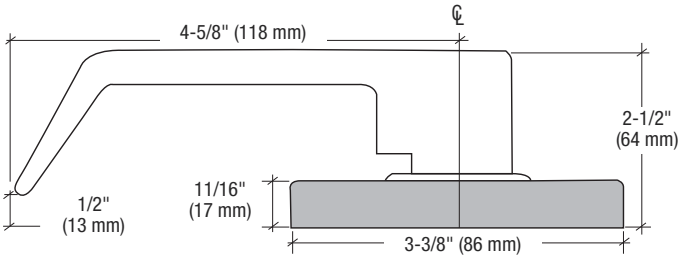


7-Pin SFIC Keyway

GRADE 2

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D75STR	D77STR	Brushed Chrome
D75STRCH	D77STRCH	Polished Chrome
D75STRBN	D77STRBN	Brushed Nickel
D75STRPB	D77STRPB	Polished Brass
D75STR0RB	D77STR0RB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

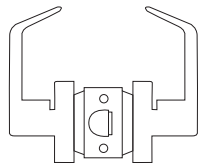


UL is a registered trademark of UL LLC.
Schlage is a registered trademark of Allegion plc.

CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Passage

- ANSI A156.2 Grades 1 and 2
- UL Listed

These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed and reversible. Locksets are UL Listed with a 3-hour fire rating, and fit door thicknesses from 1-3/8" to 1-3/4" (35 to 45 mm) with a 2-3/4" (70 mm) backset. An ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike is included.





Passage Function
(F75)

GRADE 1

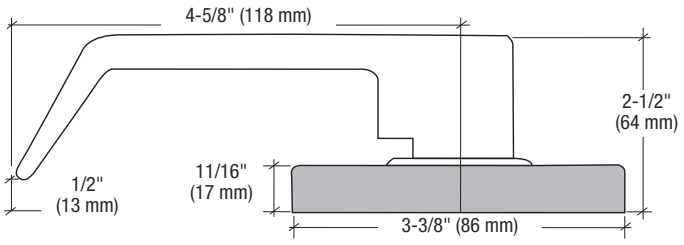
CAT. NO.	FINISH
D10PASS	Brushed Chrome
D10PASSCH	Polished Chrome
D10PASSBN	Brushed Nickel
D10PASSPB	Polished Brass
D10PASS0RB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

CAT. NO.	FINISH
D15PASS	Brushed Chrome
D15PASSCH	Polished Chrome
D15PASSBN	Brushed Nickel
D15PASSPB	Polished Brass
D15PASS0RB	Oil Rubbed Bronze

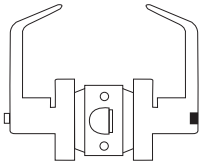
Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Privacy

- Clutch Feature
- ANSI A156.2 Grades 1 and 2
- UL Listed

These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed and reversible. Locksets are UL Listed with a 3-hour fire rating, and fit door thicknesses from 1-3/8" to 1-3/4" (35 to 45 mm) with a 2-3/4" (70 mm) backset. An ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike is included.





Privacy Function
(F76)

GRADE 1

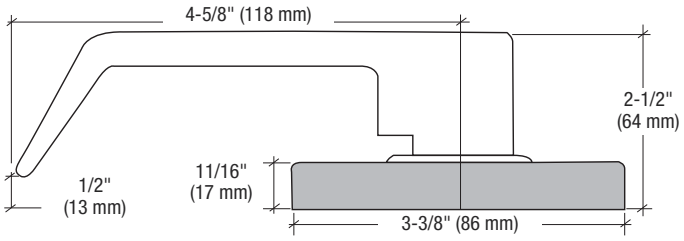
CAT. NO.	FINISH
D40PRV	Brushed Chrome
D40PRVCH	Polished Chrome
D40PRVBN	Brushed Nickel
D40PRVPB	Polished Brass
D40PRV0RB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

GRADE 2

CAT. NO.	FINISH
D45PRV	Brushed Chrome
D45PRVCH	Polished Chrome
D45PRVBN	Brushed Nickel
D45PRVPB	Polished Brass
D45PRV0RB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



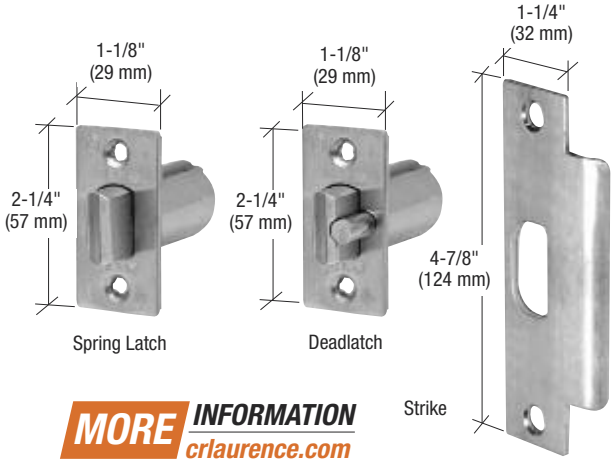
CRL Deadlatches, Spring Latches, and Strikes for Lever Locks

- Non-Handed and Reversible
- ANSI A156.2 Grades 1 and 2
- UL Listed

CRL Deadlatches and Spring Latches are made for 2-3/8" (60 mm) or 2-3/4" (70 mm) backsets. Both Latches and Strikes are designed to work with the CRL Lever Locksets shown above. One per package.

CAT. NO.	FUNCTION	GRADE	BACKSET
SL234	Spring Latch	1	2-3/4" (70 mm)
SL238	Spring Latch	2	2-3/8" (60 mm)
DL234	Deadlatch	1	2-3/4" (70 mm)
DL238	Deadlatch	2	2-3/8" (60 mm)
PLK1ASA	Strike	----	---------

Minimum order: 1 each. Deadlatches, Spring Latches, and Strikes can be combined for quantity pricing.

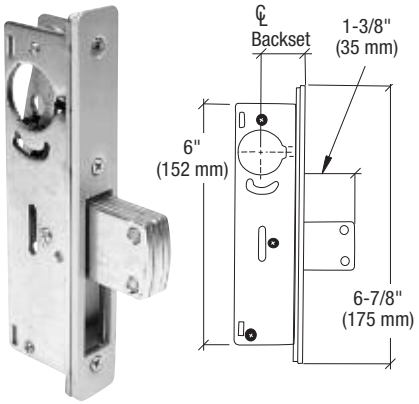


MORE INFORMATION crlaurence.com

UL is a registered trademark of UL LLC.

CRL Long Throw Deadlocks

- 1-3/8" (35 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (25 or 29 mm)
- Throw Bolt Made of 5-Ply Laminated Steel With Center 3-Ply Hardened Case Plus Hardened Roller Pin to Resist Hacksaw
- Lock Accepts Standard 1-5/32" (29 mm) Diameter Mortise Key or Thumbturn Cylinders With AR MS-Type Cam
- Faceplate (Optional)

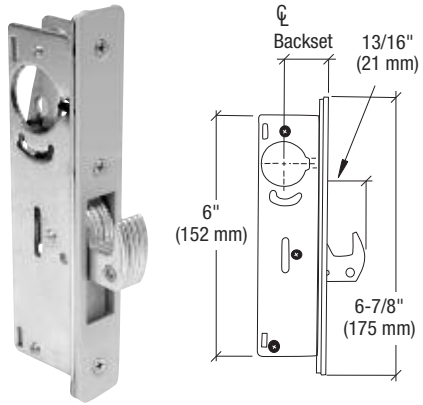


CAT. NO.	BACKSET	HANDED
DL2110A	31/32" (25 mm)	Non-Handed
DL2110B	1-1/8" (29 mm)	Non-Handed

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing.

CRL Hook Throw Deadlocks

- 13/16" (21 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (25 or 29 mm)
- Throw Bolt Made of 5-Ply Laminated Steel With Center 3-Ply Hardened Case Plus Hardened Roller Pin to Resist Hacksaw
- Lock Accepts Standard 1-5/32" (29 mm) Diameter Mortise Key or Thumbturn Cylinders With AR MS-Type Cam
- Faceplate (Optional)

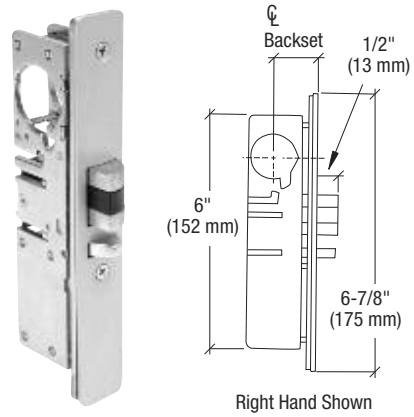


CAT. NO.	BACKSET	HANDED
DL2130A	31/32" (25 mm)	Non-Handed
DL2130B	1-1/8" (29 mm)	Non-Handed

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing.

CRL Deadlatch Locks

- 1/2" (13 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (25 or 29 mm)
- Field Reversible for Opposite Hand
- Key Controlled Dogging
- Lock Accepts Standard 1-5/32" (29 mm) Diameter Mortise Key or Thumbturn Cylinders With AR MS-Type Cam
- Faceplate and Strike (Optional)



Right Hand Shown

CAT. NO.	BACKSET	HANDED*
DL2140ALH	31/32" (25 mm)	Left
DL2140ARH	31/32" (25 mm)	Right
DL2140BLH	1-1/8" (29 mm)	Left
DL2140BRH	1-1/8" (29 mm)	Right

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. * See page CH202 for Handing Chart.

CRL Optional Faceplates

- For Use With All Deadlocks and Deadlatch Locks Above
- All Faceplates Measure 1" x 6-7/8" (25 x 175 mm)

MORE INFORMATION crlaurence.com



For DL2110 Series Long Throw Deadlocks



For DL2130 Series Hook Throw Deadlocks



For DL2140 Series Deadlatch Locks

Faceplate Styles



Flat | Radius | Radius Weatherstripped | Left Hand Beveled * | Right Hand Beveled *

LOCK SERIES	FINISH	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
DL2110	Aluminum	DL2111A	DL2112A	DL2113A	DL2114A	DL2115A
DL2110	Dark Bronze	DL2111DU	DL2112DU	DL2113DU	DL2114DU	DL2115DU
DL2130	Aluminum	DL2131A	DL2132A	DL2133A	DL2134A	DL2135A
DL2130	Dark Bronze	DL2131DU	DL2132DU	DL2133DU	DL2134DU	DL2135DU
DL2140	Aluminum	DL2141A	DL2142A	DL2143A	DL2144A	DL2145A
DL2140	Dark Bronze	DL2141DU	DL2142DU	DL2143DU	DL2144DU	DL2145DU

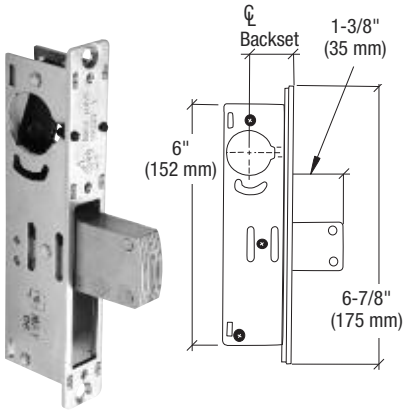
Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. * See page CH202 for Handing Chart.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

Adams Rite® Long Throw Deadlocks

- 1-3/8" (35 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (25 or 29 mm)
- Throw Bolt Made of 8-Ply Laminated Stainless Steel
- Center Ply has Alumina-Ceramic Core to Defeat Hacksaw Attacks
- Accepts Standard 1-5/32" (29 mm) Diameter Mortise Key or Thumbturn Cylinder With AR MS-Type Cam
- Faceplate (Optional)

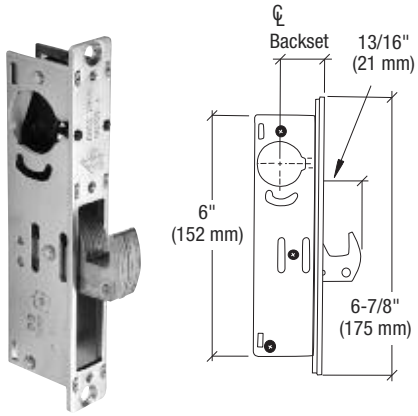


CAT. NO.	BACKSET	HANDED
MS18532	31/32" (25 mm)	Non-Handed
MS18533	1-1/8" (29 mm)	Non-Handed

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. Faceplates sold separately.

Adams Rite® Hook Throw Deadlocks

- 13/16" (21 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (25 or 29 mm)
- Throw Bolt Made of 8-Ply Laminated Stainless Steel
- Center Ply has Alumina-Ceramic Core to Defeat Hacksaw Attacks
- Accepts Standard 1-5/32" (29 mm) Diameter Mortise Key or Thumbturn Cylinder With AR MS-Type Cam
- Faceplate (Optional)



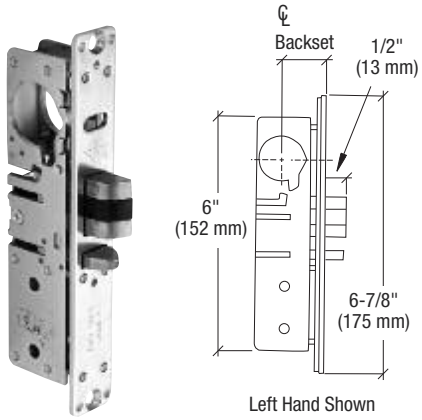
CAT. NO.	BACKSET	HANDED
MS1853H2	31/32" (25 mm)	Non-Handed
MS1853H3	1-1/8" (29 mm)	Non-Handed

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. Faceplates sold separately.

Adams Rite® Deadlatch Locks

Adams Rite ASSA ABLOY

- 1/2" (13 mm) Throw
- Cylinder Backsets: 31/32" or 1-1/8" (25 or 29 mm)
- Field Reversible
- Accepts Standard 1-5/32" (29 mm) Diameter Mortise Key or Thumbturn Cylinder With AR MS-Type Cam
- Faceplate (Optional)



Left Hand Shown

CAT. NO.	BACKSET	HANDED*
AR45132L	31/32" (25 mm)	Left
AR45132R	31/32" (25 mm)	Right
AR45133L	1-1/8" (29 mm)	Left
AR45133R	1-1/8" (29 mm)	Right

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. * See page CH202 for Handing Chart. Faceplates sold separately.

Adams Rite® Optional Faceplates

- For Use With All Deadlocks and Deadlatch Locks Above
- All Faceplates Measure 1" x 6-7/8" (25 x 175 mm)

MORE INFORMATION crlaurence.com



For MS1853 Series Long Throw Deadlocks



For MS1853H Series Hook Throw Deadlocks



For AR4513 Series Deadlatch Locks

Faceplate Styles



Flat



Radius



Left Hand Beveled *



Right Hand Beveled *

LOCK SERIES	FINISH	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
MS1853	Aluminum	18010AL	18110AL	18210AL	18310AL
MS1853	Dark Bronze	18010DU	18110DU	18210DU	18310DU
MS1853H	Aluminum	18020AL	18120AL	18220AL	18320AL
MS1853H	Dark Bronze	18020DU	18120DU	18220DU	18320DU
AR4513	Aluminum	450220AL	451220AL	452220AL	453220AL
AR4513	Dark Bronze	450220DU	451220DU	452220DU	453220DU

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. * See page CH202 for Handing Chart.

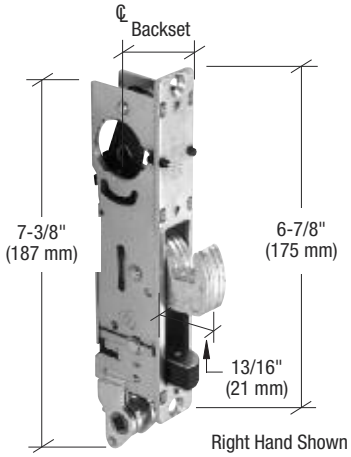
Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.

Adams Rite® Hook Throw Deadbolt/Latch

- 13/16" (21 mm) Throw
- Cylinder Backset: 1-1/8" (29 mm)

Throw bolt made of 5-ply laminated stainless steel. Center ply has alumina-ceramic core to defeat any hacksaw attack, including "super hacksaws". Hook shape repels prybar attempts. Lock accepts standard 1-5/32" (29 mm) diameter mortise key or thumbturn cylinders with AR MS-Type Cam. Typical installation is a bank or store requiring three modes of door control:

1. Both lock and latch bolts retracted for unrestricted entry and exit during business hours.
2. Handle-operated latch for exit-only traffic just after closing.
3. Maximum security hookbolt for overnight lockup.

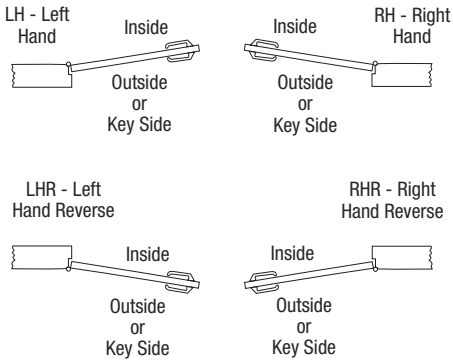


Right Hand Shown

MORE INFORMATION crlaurence.com

Adams Rite ASSA ABLOY

Door Handing is Determined from Outside or Key (Secure) Side of the Door.



CAT. NO.	BACKSET	HANDED
DH18900L	1-1/8" (29 mm)	Left
DH18900R	1-1/8" (29 mm)	Right

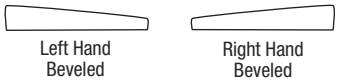
Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. Faceplates sold separately.

Adams Rite® Optional Faceplates

Adams Rite ASSA ABLOY

- For Use With Deadbolt/Latch Locks Above
- All Faceplates Measure 1" x 6-7/8" (25 x 175 mm)

Faceplate Styles



For Offset Hung Single Door



CAT. NO.	CAT. NO.	FINISH	LOCK SERIES
DH19111L	DH19111R	Aluminum	DH18900
DH19122L	DH19122R	Dark Bronze	DH18900

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing.


Radius Weatherstripped

For Center Hung Single Door



CAT. NO.	FINISH	LOCK SERIES
DH19211	Aluminum	DH18900
DH19222	Dark Bronze	DH18900

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing.

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.

CRL Frame Lock Strikes for Adams Rite® Hook Throw Deadbolt/Latch Series DH18900

- Four Models Available
- Brushed Stainless Steel
- Includes Dust Box and Mounting Screws


Lock Strike for inactive door stile.

CAT. NO. DH19400
Minimum order: 1 each.


Lock Strike for center hung door 4" (102 mm) frame.

CAT. NO. DH19500
Minimum order: 1 each.


Lock Strike for center hung door 4-1/2" (114 mm) frame.

CAT. NO. DH19600
Minimum order: 1 each.


Lock Strike for offset hung door frame.

CAT. NO. DH19300
Minimum order: 1 each.

CRL Frame Lock Strikes for Deadbolt/Latch Series DL2140 and AR4513

- Four Models Available
- Brushed Stainless Steel
- Includes Dust Box and Mounting Screws


Lock Strike for offset hung door frame.

CAT. NO. DH02800
Minimum order: 1 each.


Lock Strike for center hung door 4" (102 mm) frame.

CAT. NO. DH12700
Minimum order: 1 each.


Lock Strike for center hung door 4-1/2" (114 mm) frame.

CAT. NO. DH12600
Minimum order: 1 each.

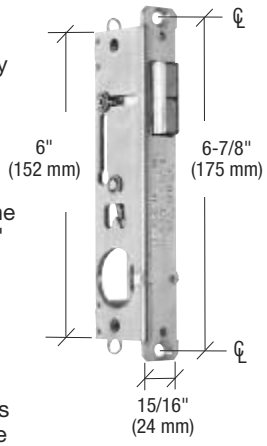

Lock Strike for inactive door stile.

CAT. NO. DH12800
Minimum order: 1 each.

CRL Straight Throw Deadlock

- 1-1/8" (29 mm) Throw and Backset

Straight Throw Deadlock has a stamped steel body and a hardened steel throw bolt with expanding "Lock paws", which expand to lock the bolt into the strike. "Lock paws" automatically retract when the bolt is unlocked. Accepts standard 1-5/32" (29 mm) mortise key or thumbturn cylinders having AR MS-Type Cams.
NOTE: Faceplate is no longer available.



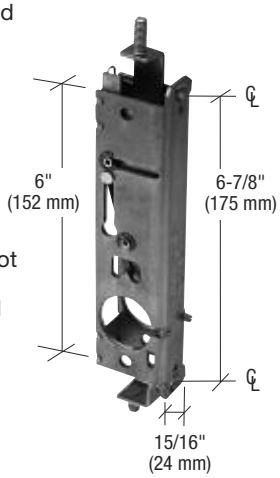
CAT. NO.	BACKSET	HANDED
J4504	1-1/8" (29 mm)	Non-Handed

Minimum order: 1 pack. All Deadlock Latches can be combined for quantity pricing.

CRL Two-Point Deadlock

- Two-Point Header and Threshold Lock

Two-Point Deadlocks for use with threshold and header bolts. Stamped steel body accepts standard 1-5/32" (29 mm) mortise key or thumbturn cylinders having AR MS-Type Cams. This Deadlock does not use a faceplate.
NOTE: Threshold and header bolts are no longer available.

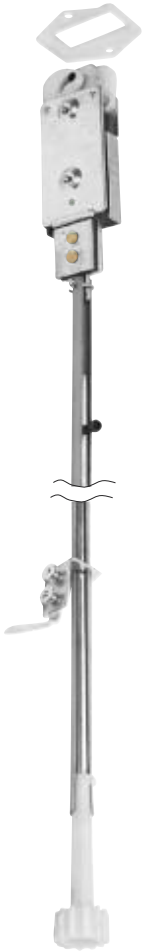


CAT. NO.	HANDED
J4505	Non-Handed

Minimum order: 1 pack. All Deadlock Latches can be combined for quantity pricing.

CRL Header Bolt Kit

- 5/8" (16 mm) Throw Expanding Top Bolt
- Inactive Door Lock



Our DL2240 Series Header Bolt is designed to add a top-door locking point in the inactive door. This bolt is activated when the DL2110B or MS18533 Latch is locked. As the throw bolt locks into the inactive door, it lifts the adjustable nylon rod end causing the Header Bolt to lift and expand its pawls in the head, which centers the bolt into the header.

CAT. NO.	CYLINDER CENTERLINE TO TOP OF DOOR
DL2240A	30-1/2" to 50" (775 to 1270 mm)
DL2240B	55-5/8" to 77-1/2" (1413 to 1969 mm)
DL2240C	67" to 89" (1702 to 2261 mm)

Minimum order: 1 each. All Header Bolts and Latches can be combined for quantity pricing.

Adams Rite® Header Bolt Kit

- Expanding Top Bolt
- Inactive Door Lock

Adams Rite
ASSA ABLOY



MORE INFORMATION crlaurence.com

This Header Bolt fits the following door to cylinder height combinations:

DOOR HEIGHT	CYLINDER HEIGHT
84" or LESS (2134 mm)	32" to 53" (813 to 1346 mm)
85" to 90" (2159 to 2286 mm)	38" to 59" (965 to 1499 mm)
91" to 96" (2311 to 2438 mm)	44" to 64" (1118 to 1626 mm)

The Adams Rite® 4085 Header Bolt is designed to add a top-of-door locking point for the inactive leaf of a pair of doors when used with the DL2110B or MS18533 Long Throw Deadlock. This Bolt, when triggered by the pivoted MS Bolt, expands in a "scissors" action to center itself in its strike as it rises.

CAT. NO.	CYLINDER HEIGHT
AR4085	32" to 64" (813 to 1626 mm)

Minimum order: 1 each. All Header Bolts and Latches can be combined for quantity pricing.

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.

Adams Rite® Header Bolt Kit

- For Use With 1-1/8" (29 mm) Backset Deadbolts

The AR4016 Header Bolt Kit is designed to add a top-of-door locking point for pairs of doors in the active leaf. Use with MS18533 Deadlocks. Designed for use on 84" (2134 mm) tall doors which have the cylinder location no lower than 35" (889 mm) from the floor. Minimum order is one each.
NOTE: Adams Rite® Header Bolt Kit will not work with our DL Series Locks.



Adams Rite
ASSA ABLOY

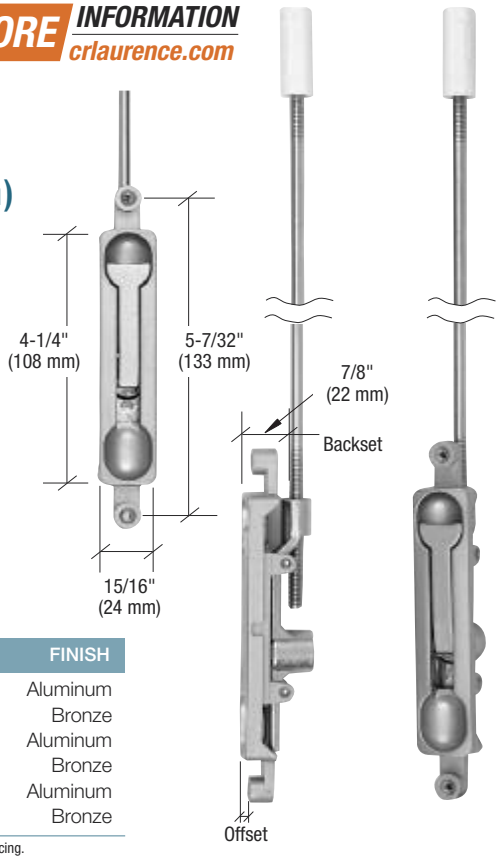
CAT. NO. AR4016

CRL Flush Bolts

MORE INFORMATION crlaurence.com

- Radiused Face With 1/8", 3/16" or 1/4" (3, 5, or 6 mm) Offsets
- Rod Length for 12" (305 mm) Face Centerline Installation
- 7/8" (22 mm) Backset
- 5/8" (16 mm) Throw

These Flush Bolts are designed to work on any radius faced narrow stile aluminum door. Intended to securely lock an inactive door. Three different offsets are available in aluminum or bronze finishes. A Nylon Flush Bolt Guide is included.



CAT. NO.	OFFSET	FINISH
DL2210A18	1/8" (3 mm)	Aluminum
DL2210DU18	1/8" (3 mm)	Bronze
DL2210A316	3/16" (5 mm)	Aluminum
DL2210DU316	3/16" (5 mm)	Bronze
DL2210A14	1/4" (6 mm)	Aluminum
DL2210DU14	1/4" (6 mm)	Bronze

Minimum order: 1 each. All Flush Bolts can be combined for quantity pricing.

Adams Rite® Threshold Bolt Kit

- Provides Two-Point Security

The AR4015 Threshold Bolt Kit is designed to add a bottom-of-door locking point for pairs of doors in the active leaf. Use with either the DL2110, DL2130 or MS18533 Series Deadlocks. Designed for use on doors with a maximum cylinder height of 53-7/16" (1357 mm) from the floor. The threshold bolt can be cut for shorter applications. Minimum order is one each.



CAT. NO. AR4015

CRL Threshold Bolt Kits

- 11/16" (17 mm) Bolt Throw

Adding the CRL Threshold Bolt Kit to a DL2210, DL2130, or MS18533 Series Deadlock allows maximum security for pairs of doors by dropping a hardened steel hex bolt into the threshold while simultaneously pivoting the Deadlock Throw Bolt into the mating door's stile.



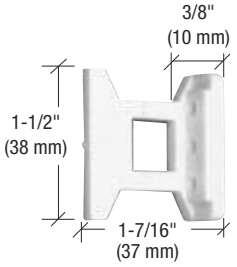
CAT. NO.	CYLINDER HEIGHT
DL2230	34" to 37" (863 to 940 mm)
DL2231	Up to 53-7/16" (1357 mm)

Minimum order: 1 each. All Bolt Kits can be combined for quantity pricing.

CRL Flush Bolt Nylon Guides

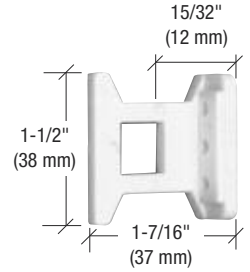
- Works With DL2210 Series Flush Bolts

CRL Standard Flush Bolt Nylon Guide. One per package. Minimum order is one each.



CAT. NO. DL2210SG

CRL Extended Hole Flush Bolt Nylon Guide. One per package. Minimum order is one each.



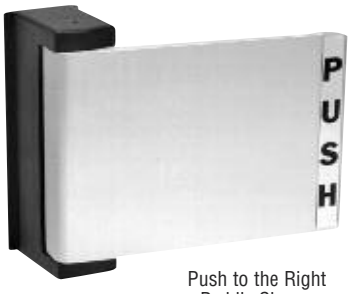
CAT. NO. DL2210EG

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.

CRL Universal Push-Pull Paddles

- Field Reversible for Left or Right Hand Installations
- Fits DL2140 Series, Adams Rite®, S. Parker, I.D.C., Global, and Primeline Deadlatches
- Available in Six Finishes

MORE INFORMATION crlaurence.com

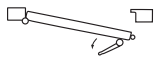
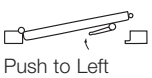


Push to the Right Paddle Shown



Cam Plug Included

The Universal Push-Pull Paddle comes with cartridges which allow it to be applied to push or pull, left or right handed doors. It fits deadlatches with backsets from 7/8" (22 mm) to 1-1/2" (38 mm). Simple to follow instructions allow field reversal to meet your needs. Comes complete with cam plug, push and pull indicators, mounting screws, templates and directions. Measures approximately 5" x 4" (127 x 102 mm). Ordering the paddle to meet your specifications from the chart below eliminates disassembling and reassembling internal parts.

OPERATION	CAT. NO.	OPERATION	FINISH
 Pull to Left DL2161 Series	DL2161A	Pull Left/Push Right	Aluminum
	DL2161DU	Pull Left/Push Right	Bronze
	DL2161BR	Pull Left/Push Right	Brass
	DL2161CH	Pull Left/Push Right	Chrome
	DL2161BN	Pull Left/Push Right	Brushed Nickel
	DL2161SC	Pull Left/Push Right	Satin Chrome
 Push to Left DL2162 Series	DL2162A	Push Left/Pull Right	Aluminum
	DL2162DU	Push Left/Pull Right	Bronze
	DL2162BR	Push Left/Pull Right	Brass
	DL2162CH	Push Left/Pull Right	Chrome
	DL2162BN	Push Left/Pull Right	Brushed Nickel
	DL2162SC	Push Left/Pull Right	Satin Chrome
 Pull to Right DL2163 Series	DL2163A	Pull Right/Push Left	Aluminum
	DL2163DU	Pull Right/Push Left	Bronze
 Push to Right DL2164 Series	DL2164A	Push Right/Pull Left	Aluminum
	DL2164DU	Push Right/Pull Left	Bronze

Minimum order: 1 each. All Paddles and Lever Handles can be combined for quantity pricing.

CRL Cam Plug

- For Use With Push-Pull and Lever Handles
- Non-Handed, Reversible

The Cam Plug works with DL2160 Series Paddles, DL2150 and DH569 Series Lever Handles. Interfaces with all CRL Deadlatches. Minimum order is one each.



CAT. NO. DL2165

CRL Lever Handles

- Field Reversible for Left or Right Hand Installations
- Fits DL2140 Series, Adams Rite®, S. Parker, I.D.C., Global, and Primeline Deadlatches
- Available in Six Finishes



Cam Plug Included

Turning lever downward will activate deadlatch. Heavy-duty spring will return the lever automatically to fully horizontal position. The escutcheon is 1-3/8" x 4" (35 x 102 mm), with a 1/4" (6 mm) square hardened spindle that interlocks in the included cam plug.

CAT. NO.	HANDING	FINISH
DL2150LHA	Left	Aluminum
DL2150LHBN	Left	Brushed Nickel
DL2150LHBR	Left	Brass
DL2150LHCH	Left	Chrome
DL2150LHDU	Left	Bronze
DL2150LHSC	Left	Satin Chrome
DL2150RHA	Right	Aluminum
DL2150RHBN	Right	Brushed Nickel
DL2150RHBR	Right	Brass
DL2150RHCH	Right	Chrome
DL2150RHDU	Right	Bronze
DL2150RHSC	Right	Satin Chrome

Minimum order: 1 each. All Paddles and Lever Handles can be combined for quantity pricing.

Adams Rite® Lever Handles

- Anti-Snag Lever Handle
- Field Reversible for Right or Left Hand Installations
- Fits DL2140 Series, AR4513 Series, and DH189 Series Locks
- Available in Three Finishes



Cam Plug Included

The handle is designed with a modern touch of elegance featuring a anti-snag returned lever handle adapted for all storefront doors 1-3/4" (44 mm) thick. Handing is easily reversed if required.

CAT. NO.	HANDING	FINISH
DH56911L	Left	Satin Aluminum
DH56922L	Left	Dark Bronze
DH56925L	Left	Champagne
DH56911R	Right	Satin Aluminum
DH56922R	Right	Dark Bronze
DH56925R	Right	Champagne

Minimum order: 1 each. All Paddles and Lever Handles can be combined for quantity pricing.

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.

CRL Single Mortise Key Cylinder

- 1" (25 mm) Length 5-Pin Cylinder; 1-5/32" (29 mm) Diameter
- AR MS-Type Cam
- Available Keyed Alike or Randomly
- Schlage® "C" or Yale® "8" Keyway
- Die Cast Zinc Construction



KEYED RANDOMLY CAT. NO.	KEYED ALIKE CAT. NO.	KEYWAY	FINISH
DL2170SCKDA	DL2170SCKAA	Schlage® "C"	Aluminum
DL2170SCKDDU	DL2170SCKADU	Schlage® "C"	Bronze
DL2170Y8KDA	DL2170Y8KAA	Yale® "8"	Aluminum
DL2170Y8KDDU	DL2170Y8KADU	Yale® "8"	Bronze

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

CRL Rim Key Cylinder

- Available Keyed Alike or Randomly
- 5-Pin Cylinder
- Schlage® "C" Keyway

MORE CHOICES crlaurence.com



KEYED RANDOMLY CAT. NO.	KEYED ALIKE CAT. NO.	FINISH
DL911SCKDA	DL911SCKAA	Aluminum
DL911SCKDDU	DL911SCKADU	Bronze

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

CRL Double Mortise Key Cylinder

- 1" (25 mm) Length 5-Pin Cylinder; 1-5/32" (29 mm) Diameter
- AR MS-Type Cam
- Available Keyed Alike or Randomly in Pairs
- Schlage® "C" or Yale® "8" Keyway
- Die Cast Zinc Construction



KEYED RANDOMLY CAT. NO.	KEYED ALIKE CAT. NO.	KEYWAY	FINISH
DL2171SCKDA	DL2171SCKAA	Schlage® "C"	Aluminum
DL2171SCKDDU	DL2171SCKADU	Schlage® "C"	Bronze
DL2171Y8KDA	DL2171Y8KAA	Yale® "8"	Aluminum
DL2171Y8KDDU	DL2171Y8KADU	Yale® "8"	Bronze

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

CRL DC Series Mortise and Rim Key Cylinders

- 1-5/32" (29 mm) Diameter
- 5-Pin Cylinder
- Schlage® "C" Keyway

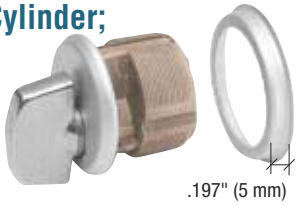


CAT. NO.	KEYED	LENGTH – TYPE	FINISH
DC7185SCKDSC	Randomly	1-1/8" (29 mm) - Mortise	Satin Chrome
DC7185SCKASC	Alike	1-1/8" (29 mm) - Mortise	Satin Chrome
DC7185SCKDDU	Randomly	1-1/8" (29 mm) - Mortise	Dark Bronze
DC7185SCKADU	Alike	1-1/8" (29 mm) - Mortise	Dark Bronze
DC7205SCKDSC	Randomly	1-1/4" (32 mm) - Mortise	Satin Chrome
DC7205SCKASC	Alike	1-1/4" (32 mm) - Mortise	Satin Chrome
DC7205SCKDDU	Randomly	1-1/4" (32 mm) - Mortise	Dark Bronze
DC7205SCKADU	Alike	1-1/4" (32 mm) - Mortise	Dark Bronze
DC7015SC8KDSC	Randomly	1-3/4" Tailpiece - Rim	Satin Chrome
DC7015SC8KASC	Alike	1-3/4" Tailpiece - Rim	Satin Chrome
DC7015SC8KDDU	Randomly	1-3/4" Tailpiece - Rim	Dark Bronze
DC7015SC8KADU	Alike	1-3/4" Tailpiece - Rim	Dark Bronze

Minimum order: 1 each. All Mortise and Rim Key Cylinders can be combined for quantity pricing.

CRL Mortise Thumbturn Cylinder

- 1" (25 mm) Length 5-Pin Cylinder; 1-5/32" (29 mm) Diameter
- AR MS-Type Cam
- Die Cast Zinc Construction



CAT. NO.	FINISH
DL2172A	Aluminum Face with Aluminum Turn
DL2172DU	Bronze Face with Aluminum Turn
DL2178DU	Bronze Face with Bronze Turn

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

CRL Mortise Dummy Cylinder

- 1-5/32" (29 mm) Diameter, 7/8" (22 mm) Long
- Fills Abandoned Cylinder Holes
- Die Cast Zinc Construction



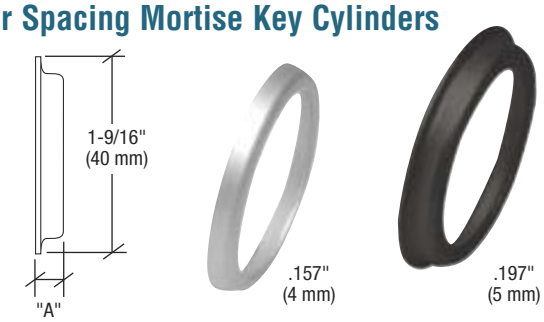
CAT. NO.	FINISH
DL2173A	Aluminum
DL2173DU	Bronze

Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

Schlage is a registered trademark of Allegion plc.
Yale is a registered trademark of Yale Security Inc.

CRL Flared Cylinder Rings

- For Spacing Mortise Key Cylinders



CAT. NO.	DIMENSION "A"	FINISH
DL2175AA	.157" (4 mm)	Aluminum
DL2175AB	.197" (5 mm)	Aluminum
DL2175DUA	.157" (4 mm)	Bronze
DL2175DUB	.197" (5 mm)	Bronze

Minimum order: 1 each. All Cylinder Rings can be combined for quantity pricing.

CRL Straight Cylinder Rings

- For Spacing Mortise Key Cylinders

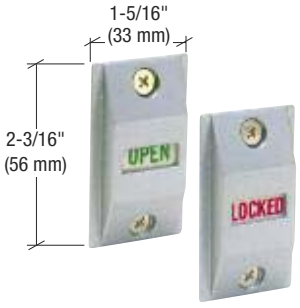


CAT. NO.	DIMENSION "A"	FINISH
DL2176AA	.157" (4 mm)	Aluminum
DL2176AB	.197" (5 mm)	Aluminum
DL2176AC	.256" (6.5 mm)	Aluminum
DL2176DUA	.157" (4 mm)	Bronze
DL2176DUB	.197" (5 mm)	Bronze
DL2176DUC	.256" (6.5 mm)	Bronze

Minimum order: 1 each. All Cylinder Rings can be combined for quantity pricing.

CRL Lock Indicator Set

- Use With CRL DL2100 Series Deadlocks and AR MS Series Deadlocks
- Slide in Up Position Shows OPEN in Green Letters, Down Position Shows LOCKED in Red Letters
- Includes One 26" x 1-1/2" (660 x 38 mm) Header Sign



CAT. NO.	FINISH
DL2177A	Aluminum
DL2177DU	Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

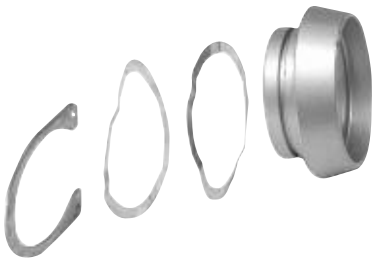
THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS

Header Sign Included

CRL Cylinder Guard

MORE INFORMATION crlaurence.com

- Hardened Steel Security Ring
- Free Spinning Beveled Collar
- For Standard Face 5-Pin, 1-5/32" (29 mm) Mortise Key Cylinder
- For Use on Aluminum Doors

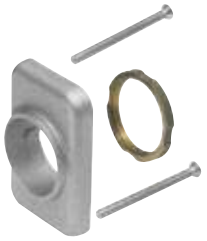


CAT. NO.	COLLAR HEIGHT	FINISH
DL2174A	3/8" (10 mm)	Aluminum
DL2174DU	3/8" (10 mm)	Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Cylinder Mounting Pad

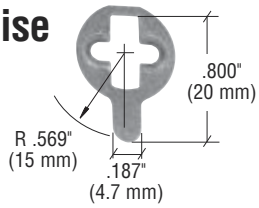
- For Mounting Mortise Cylinders
- Includes Locking Ring



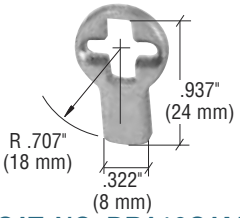
CAT. NO.	WIDTH	HEIGHT	FINISH
DL913A	1-11/16" (34 mm)	2-1/2" (64 mm)	Aluminum
DL913DU	1-11/16" (34 mm)	2-1/2" (64 mm)	Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Mortise Cylinder Cams



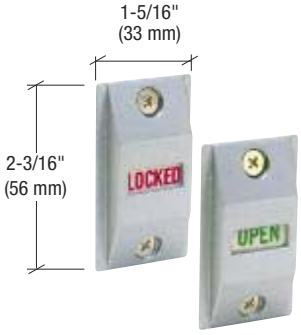
CAT. NO. DRACAM
AR MS Cam
Minimum Order: 1 each.



CAT. NO. DRA10CAM
CRL Wedge-Lock®
Minimum Order: 1 each.

CRL Inverted Lock Indicator Set

- Slide in Up Position Shows LOCKED in Red Letters, Down Position Shows OPEN in Green Letters
- Includes One 26" x 1-1/2" (660 x 38 mm) Header Sign



CAT. NO.	FINISH
DL2187A	Aluminum
DL2187DU	Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS

Header Sign Included

CRL COMMERCIAL DOOR HOLDERS

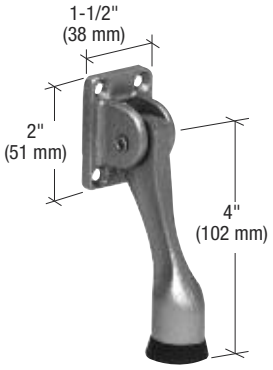
go to:
crlaurence.com/door-holders

CRL Door Mounted 4" Heavy-Duty Door Holder

- Cast Iron Construction
- Wood Screws Included

CAT. NO.	FINISH	QTY/PACK
J4551	Aluminum	1
J4551B	Aluminum	10
J4552	Bronze	1
J4552B	Bronze	10

Minimum order: 1 pack. Finishes can be combined for quantity pricing.

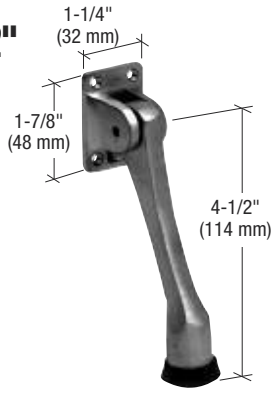


CRL Door Mounted 4-1/2" Heavy-Duty Door Holder

- Solid Brass Construction
- Meets ANSI Standards

CAT. NO.	FINISH
J4571	Brushed Chrome
J4572	Polished Brass
J4671	Polished Chrome

Minimum order: 1 pack. Finishes can be combined for quantity pricing.



CRL Door Holder Replacement Tip

- Easy to Install
- Fits 5/8" (16 mm) Hole

CAT. NO.	FINISH	QTY/PKG
J4557	Black	2

Minimum order: 1 pack.



CRL Door Mount Step-On Door Holder

- Step-On Application and Release
- Spring Loaded Plunger

CAT. NO.	FINISH
J4594	Brass
J4595	Aluminum

Minimum order: 1 pack. Finishes can be combined for quantity pricing.

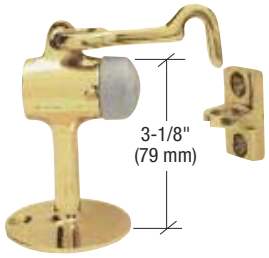


CRL Floor Mount Heavy-Duty Door Holder

- Hold-Open Hook and Holder
- Brass Die Cast

CAT. NO.	FINISH
DL2521A	Satin Chrome
DL2521PB	Polished Brass
DL2521DU	Dark Bronze
F823	Aluminum

Minimum order: 1 each. Finishes can be combined for quantity pricing.

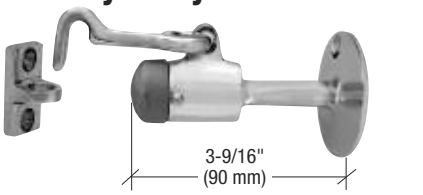


CRL Wall Mount Heavy-Duty Door Holder

- Hold-Open Hook and Holder
- Brass Die Cast

CAT. NO.	FINISH
DL2531A	Satin Chrome
DL2531PB	Polished Brass
DL2531DU	Dark Bronze
W140	Aluminum

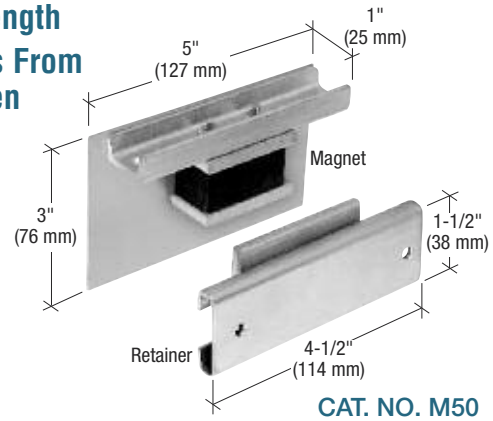
Minimum order: 1 each. Finishes can be combined for quantity pricing.



MORE CHOICES
crlaurence.com

CRL Heavy-Duty Magnetic Door Retainer

- Up to 50 Pounds (22.7 kg) of Adjustable Holding Strength
- Keeps Doors From Blowing Open
- Non-Handed



CAT. NO. M50
Minimum order is one each.

Rixson® Electromagnetic Door Holder

- 25 to 40 Pounds (11 to 18 kg) of Holding Power
- Concealed Wiring



SPECIFICATIONS:
Input: Selective 12V DC, 24V AC/DC, 120V AC
Current Draw: .040A @ 12V DC; .020A @ 24V AC/DC; .020A @ 120V AC

CAT. NO.	FINISH
998A	Sprayed Aluminum
998BRZ	Sprayed Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

INDOOR USE ONLY:
Dimensions:
Magnet =
4-5/8" x 2-3/4" x 1"
(118 x 70 x 25 mm)

NOTE: A separate closing device is required to close the doors as normal closing operation.

Rixson® is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

CRL COMMERCIAL DOOR STOPS

CRL Heavy-Duty Floor Mount Door Stop

- Brass Die Cast Body

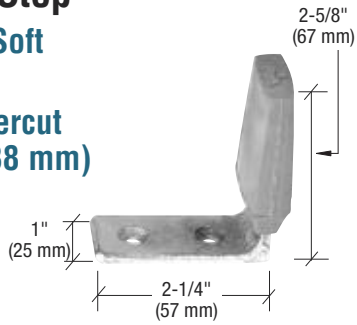


CAT. NO.	FINISH
DL2522A	Satin Chrome
DL2522PB	Polished Brass
DL2522DU	Dark Bronze
F120	Aluminum

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Floor Mounted Heavy-Duty Angle Stop

- Wrought Steel With Soft Rubber Bumper
- Can Be Used on Undercut Doors Up to 1-1/2" (38 mm)



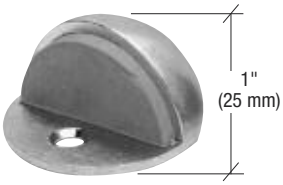
CAT. NO.	FINISH
J4592	Brushed Aluminum
J4593	Light Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Dome Door Stop

- Low Profile Base

MORE CHOICES crlaurence.com



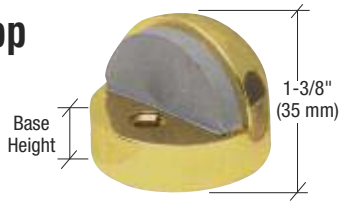
3/32" (2 mm)
Low Profile Base

CAT. NO.	FINISH
DL2501A	Satin Chrome
DL2501DU	Dark Bronze
DL2501PB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Dome Door Stop

- High Profile Base

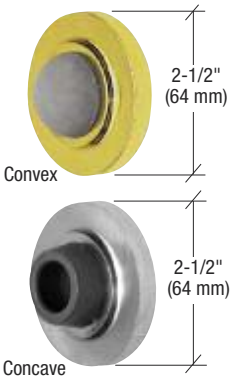


CAT. NO.	BASE HEIGHT	FINISH
DL2502A	1/2" (13 mm)	Satin Chrome
DL2502DU	1/2" (13 mm)	Dark Bronze
DL2502PB	1/2" (13 mm)	Polished Brass
DH80100	7/16" (11 mm)	Brushed Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Wall Mount Door Bumpers

- Convex and Concave Models
- Heavy-Duty Vinyl Insert

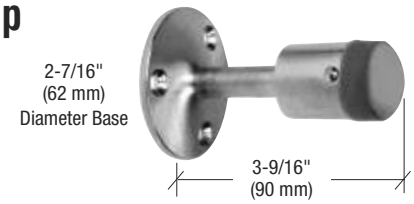


CONVEX CAT. NO.	CONCAVE CAT. NO.	FINISH
DL2511A	DL2512A	Satin Chrome
DL2511DU	DL2512DU	Dark Bronze
DL2511PB	DL2512PB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Heavy-Duty Wall Mount Door Stop

- Brass Die Cast Body

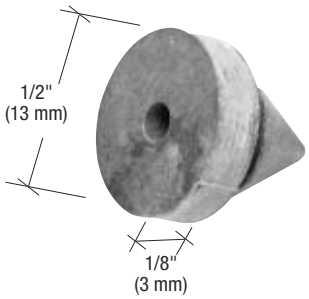


CAT. NO.	FINISH
DL2532A	Satin Chrome
DL2532PB	Polished Brass
W145	Aluminum

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Metal Frame Mounted Door Silencers

- Requires 1/4" (6 mm) Hole
- 100 Per Package

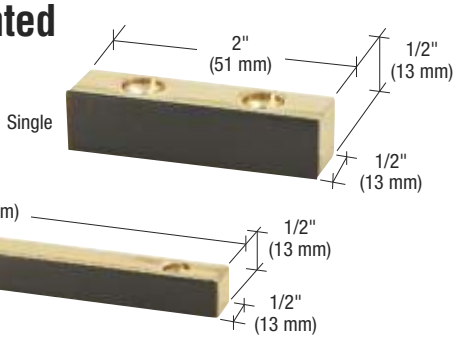




CAT. NO. J4566
Minimum Order: 1 pack

CRL Header Mounted Door Stops

- For Single or Double Doors



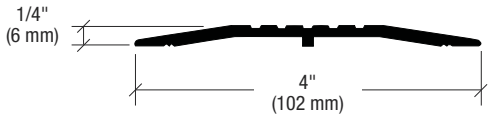
SINGLE DOOR CAT. NO.	DOUBLE DOOR CAT. NO.	FINISH
1NT307A	1NT308A	Aluminum
1NT307BR	1NT308BR	Polished Brass
1NT307BS	1NT308BS	Brushed Stainless
1NT307PS	1NT308PS	Polished Stainless

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL 4" Commercial Saddle Threshold

- Extruded Aluminum



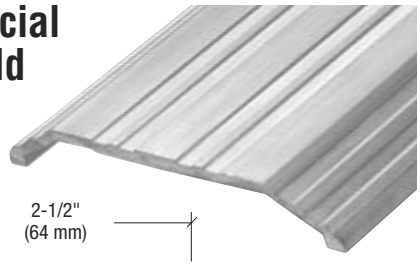


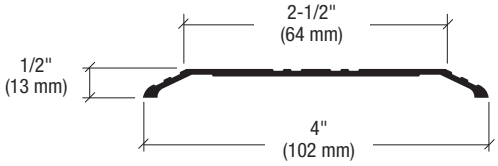
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
38A36	38D36	36-1/2" (927 mm)
38A72	38D72	73" (1854 mm)
38A185▲	38D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 4" Commercial Saddle Threshold

- Extruded Aluminum



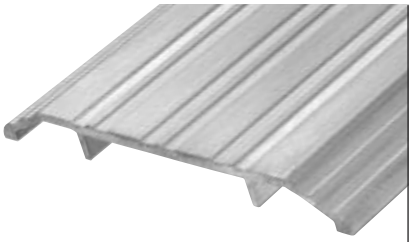


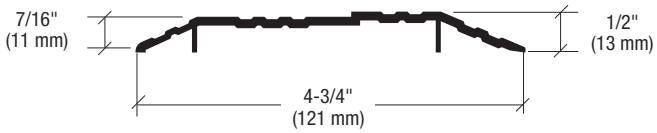
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH014A36	TH014D36	36-1/2" (927 mm)
TH014A72	TH014D72	73" (1854 mm)
TH014A185▲	TH014D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 4-3/4" Commercial Saddle Threshold

- Extruded Aluminum



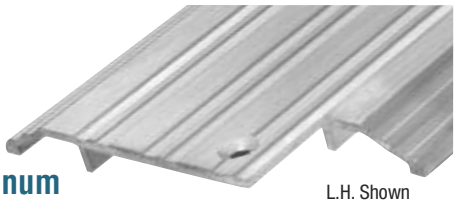


ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH250A36	TH250D36	36" (914 mm)
TH250A42	TH250D42	42" (1067 mm)
TH250A72	TH250D72	72" (1829 mm)

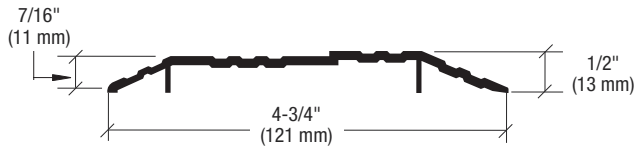
Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

CRL 4-3/4" Fabricated Thresholds

- Extruded Aluminum



L.H. Shown



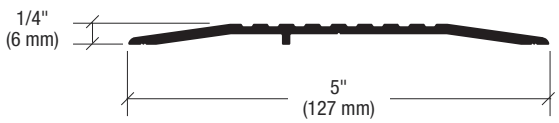
MILL FINISH CAT. NO.	DESCRIPTION	LENGTH
TP21299L036	Single Door Left Hand Threshold	36" (914 mm)
TP21299R036	Single Door Right Hand Threshold	36" (914 mm)
TP222990072	Double Doors Threshold	72" (1829 mm)
TP222990A72	Double Doors 3 Pt. Lock Threshold	72" (1829 mm)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.

CRL 5" Commercial Saddle Threshold

- Extruded Aluminum



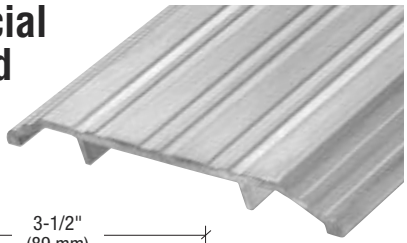


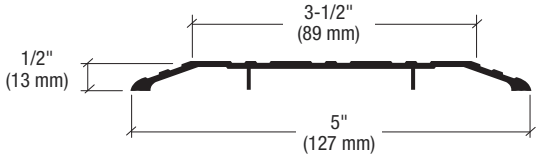
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
48A36	48D36	36-1/2" (927 mm)
48A72	48D72	73" (1854 mm)
48A185▲	48D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 5" Commercial Saddle Threshold

- Extruded Aluminum



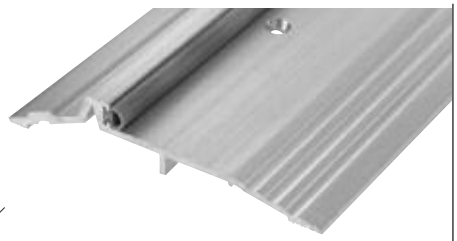


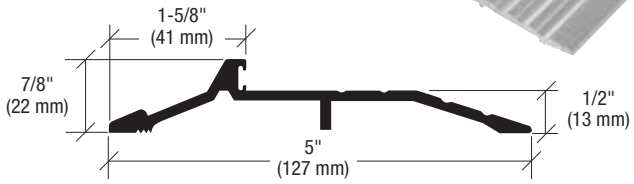
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH015A36	TH015D36	36-1/2" (927 mm)
TH015A72	TH015D72	73" (1854 mm)
TH015A185▲	TH015D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 5" Panic Type Threshold

- **Bulb Seal Included**





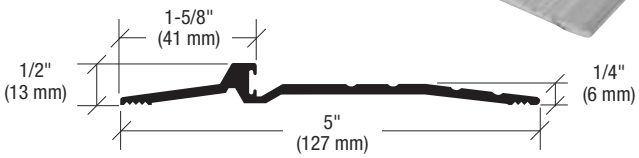
ALUMINUM CAT. NO.	LENGTH
47VA36	36-1/2" (927 mm)
47VA72	73" (1854 mm)
47VA185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 5" Panic Type Threshold

- **Bulb Seal Included**





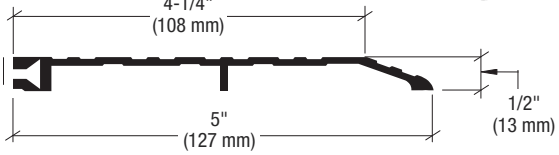
ALUMINUM CAT. NO.	LENGTH
46VA36	36-1/2" (927 mm)
46VA72	73" (1854 mm)
46VA185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 5" Offset Saddle Threshold

- **Fire Rated**
- **UL Listed**



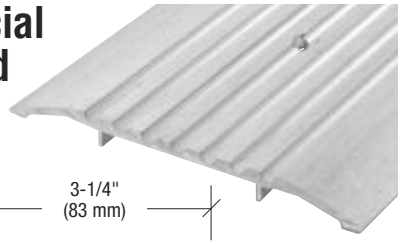


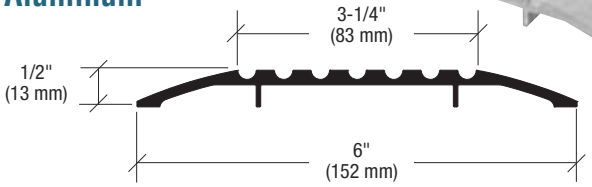
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
255A36	255D36	36-1/2" (927 mm)
255A72	255D72	73" (1854 mm)
255A185▲	255D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 6" Commercial Saddle Threshold

- **Extruded Aluminum**



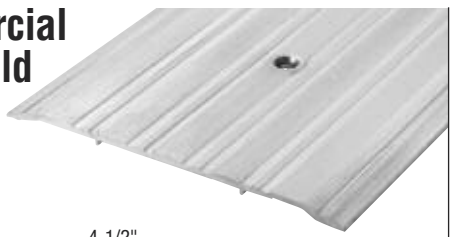


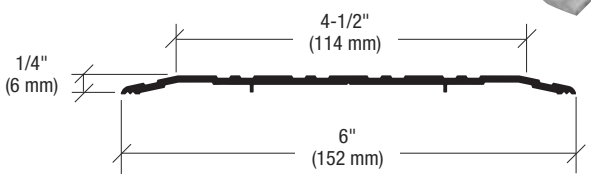
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
42A36	42D36	36-1/2" (927 mm)
42A72	42D72	73" (1854 mm)
42A185▲	42D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 6" Commercial Saddle Threshold

- **Extruded Aluminum**





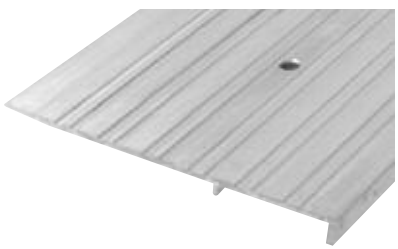
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
49A36	49D36	36-1/2" (927 mm)
49A72	49D72	73" (1854 mm)
49A185▲	49D185▲	185" (4.7 m)*

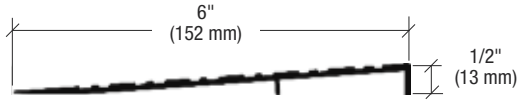
Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

UL is a registered trademark of UL LLC.

CRL 6" Ramp Threshold

- **Generally Used to Meet With Irregular Floor Surfaces**

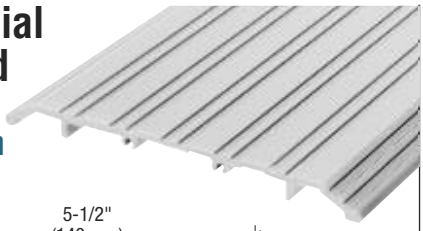




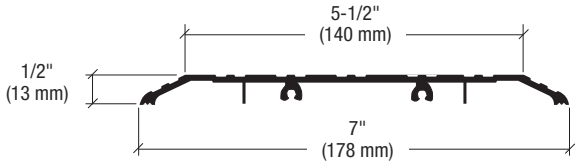
ALUMINUM CAT. NO.	LENGTH
88A36	36-1/2" (927 mm)
88A72	73" (1854 mm)
88A185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 7" Commercial Saddle Threshold



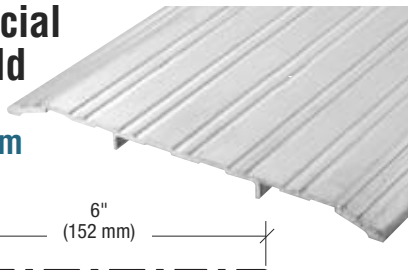
- Extruded Aluminum



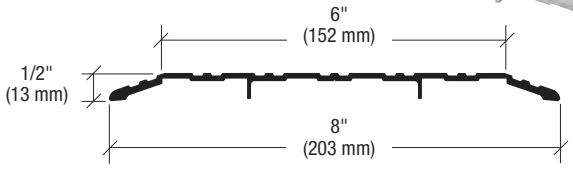
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH017A36	TH017D36	36-1/2" (927 mm)
TH017A72	TH017D72	73" (1854 mm)
TH017A185▲	TH017D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 8" Commercial Saddle Threshold



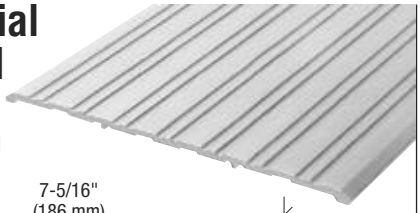
- Extruded Aluminum



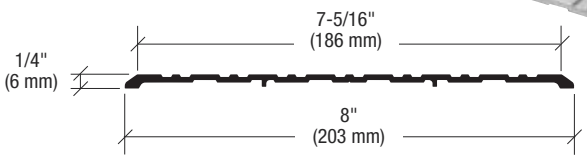
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
491A36	491D36	36-1/2" (927 mm)
491A72	491D72	73" (1854 mm)
491A185▲	491D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 8" Commercial Saddle Threshold



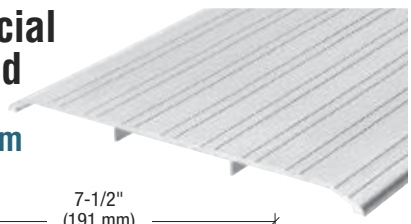
- Extruded Aluminum



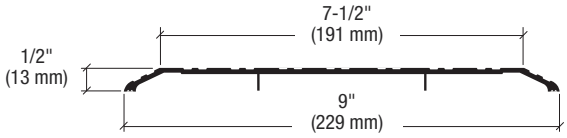
ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
492A36	492D36	36-1/2" (927 mm)
492A72	492D72	73" (1854 mm)
492A185▲	492D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 9" Commercial Saddle Threshold



- Extruded Aluminum



ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
TH019A36	TH019D36	36-1/2" (927 mm)
TH019A72	TH019D72	73" (1854 mm)
TH019A185▲	TH019D185▲	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. * Must ship common carrier.
▲185" (4.7 m) length does not have pre-drilled mounting holes.

CRL 6-3/8" Oak Adjustable Sill

- For In-Swinging Doors
- Up to 3/8" (10 mm) Height Adjustment
- Extruded Aluminum Sill Plate

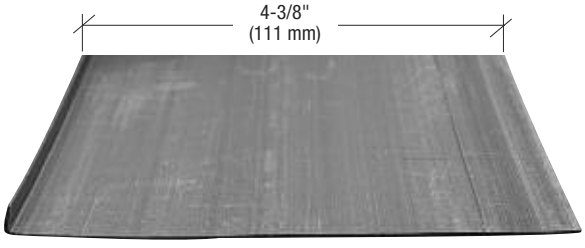


ALUMINUM CAT. NO.	BRONZE CAT. NO.	LENGTH
1003A36	1003D36	36" (914 mm)
1003A73	1003D73	73" (1854 mm)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.

CRL PVC Threshold Barrier Strip

- Protects Aluminum From Corrosion Caused by Contact With Concrete



CAT. NO.	COLOR	LENGTH
THBS8	Charcoal Black	96" (2.4 m)

Minimum order: 1 each. **NOTE:** For Thresholds wider than 4" (102 mm) lay two Barrier Strips side-by-side to provide adequate protection.

CRL Heavy Glass Sliding and Stacking Door Systems

- Systems for Use With 1/4" to 1" (6 to 25 mm) Monolithic Tempered Glass and 1" to 1-1/4" (25 to 32 mm) Insulating Tempered Glass
- Top Hung or Bottom Rolling Configurations for Commercial and Residential Use
- Sliding, Stacking, and Bi-Folding Doors From Off the Shelf Components or Custom Built to Fit the Opening
- Up to Seven Stock Architectural Finishes or in Custom Finishes as Required

CRL Heavy Glass Sliding and Stacking Door Systems give you design flexibility when building room partitions or mall fronts. Sliding doors are not only attractive, they save valuable floor space in a retail environment where you must maximize the available display area. In the following pages you will see many of the CRL Door Systems that can help you construct doors that function well and allow you to maximize the advantages 'all-glass' doors offer.



or



MORE INFORMATION
crlaurence.com









TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL MONTEREY BI-FOLDING DOOR AND WALL SYSTEM

go to:
crlaurence.com/**monterey**

Bring the Outdoors In With the Monterey Bi-Folding Door and Wall System From CRL

MONTEREY™
Bi-Folding Door and Wall System
Interior and Exterior
By C.R. Laurence Co., Inc. / U.S. Aluminum



- **Weather Resistant, Designed for Interior/Exterior Use**
- **New Construction or Retrofit, Commercial and Residential**
- **Simple to Operate Panels Open or Close Easily**
- **Several Configurations With Inward or Outward Opening Options Available**
- **Virtually Limitless Design Options**
- **Wood Grain, White, and Black Powder Coat, Satin and Black/Bronze Anodized. Custom Colors Available on Special Order**
- **Fully Assembled, Ready for Glazing**

The Monterey Series Bi-Folding Door and Wall System allows you to bring the outdoors inside while providing resistance to undesirable weather conditions. Countless options are available to create large living spaces that seamlessly transition outdoors to indoors.

Our precision engineered components provide a system that slides smoothly with minimal effort. Design options are virtually limitless. The sturdy, yet slim frame construction allows for more glass and less metal. A thermally broken frame option offers improved acoustics and energy savings.

The Monterey Series is designed for use with 1/4" to 1-1/4" (6 to 32 mm) glazing. Standard finishes are Wood Grain, White, and Black Powder Coat; Satin and Black/Bronze Anodized. Custom colors are available on special order.



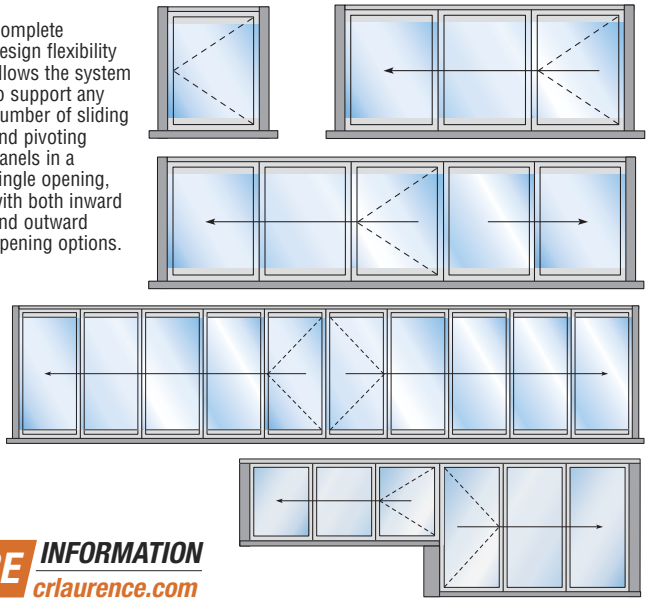
The versatile Pivoting Panel Option gives you the flexibility to fully or partially open the Monterey Bi-Folding Wall.

2014 CRYSTAL ACHIEVEMENT AWARD WINNER

Most Innovative Door

CRL Technical Sales is your source for detailed information on the Monterey System, and we invite you to contact us at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can send us an e-mail at **crlaurence.com/support**.

Complete design flexibility allows the system to support any number of sliding and pivoting panels in a single opening, with both inward and outward opening options.



MORE INFORMATION crlaurence.com

go to crlaurence.com to search for
monterey Search
or enter the Catalog Number for complete product information

CH214

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FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Monterey Bi-Folding Door and Wall System

• Commercial Applications:

Hotels, Resorts, Restaurants, Sports Venues, Malls, Casinos, Spas, Banquet Halls, Banks, Offices, Wineries, Airports

• Residential Applications:

Patios, Balconies, Exercise Rooms, Sunrooms, Room Dividers

CRL U.S. Aluminum Monterey Bi-Folding Glass Wall System is an effective way to maximize the available space in residential or commercial properties, while maintaining aesthetic appeal by creating a stunning space with brilliant transparency. The Monterey allows you to bring the outdoors in while providing resistance to undesirable weather conditions. Countless options are available to create large living or functional spaces that seamlessly transition outdoors to indoors.

Our precision engineered components provide a system that slides smoothly with minimal effort while supporting multiple panels in a single opening. The Monterey Series provides security with two point interior lever latches as standard, and with three point keyed locks available on some configurations.

Every Monterey System produced must meet strict quality assurance standards and testing to ensure they meet or exceed cycle testing, water, air or sound infiltration requirements for residential and commercial applications.

The Monterey Systems have also met or surpassed UK building codes and testing. Test reports are available on request.



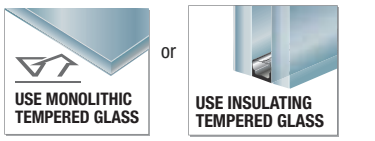


Santa Anita Park Thoroughbred Racetrack. Arcadia, CA

SPECIFICATIONS	MONTEREY SERIES S55	S55R	S80	S80R
Available in Five Standard Finishes	Yes	Yes	Yes	Yes
Custom Finishes Available	Yes	Yes	Yes	Yes
Bi-Color Profiles	Yes	Yes	Yes	Yes
Thermally Broken	No	No	Yes	Yes
Top Hung Easy Glide Rollers	Yes	Yes	Yes	Yes
Monolithic-1/4", 3/8" or 1/2" (6, 10 or 12 mm); Insulating 1" (25 mm)	Yes	Yes	No	No
Insulating Units 1" and 1-1/4" (25 and 32 mm)	No	No	Yes	Yes
Maximum Leaf Width	39" (991 mm)	39" (991 mm)	39" (991 mm)	39" (991 mm)
Maximum Weight	100 Lbs (45 kg)	154 Lbs (70 kg)	100 Lbs (45 kg)	154 Lbs (70 kg)
Maximum Height Interior	13'-6" (4.1 m)	13'-6" (4.1 m)	13'-6" (4.1 m)	13'-6" (4.1 m)
Maximum Height Exterior	10'-6" (3.2 m)	10'-6" (3.2 m)	10'-6" (3.2 m)	10'-6" (3.2 m)
2 Point Lever Latch	Yes	Yes	Yes	Yes
3 Point Keyed Lock	Yes	Yes	Yes	Yes
NFRC Rated*	*	*	*	*
Raised Sill	Yes	Yes	Yes	Yes
Flush Mount Sill	Yes	Yes	Yes	Yes

* Contact CRL Technical Sales for current details

MONTEREY™
Bi-Folding Door and Wall System
Interior and Exterior
By C.R. Laurence Co., Inc. / U.S. Aluminum



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CRL MONTEREY BI-FOLDING DOOR AND WALL SYSTEM

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crlaurence.com/**monterey**

CRL Monterey S55 Series

- **Swing Door Option for Easy Access**
- **Fully Assembled With or Without Glazing**
- **Five Finishes in Stock; Hundreds More Available on Special Order**
- **New Construction or Retrofit**

MORE INFORMATION crlaurence.com



The Monterey S55 Series accommodates 1/4", 3/8"or 1/2" (6, 10, or 12 mm) monolithic or 1" (25 mm) insulating glazing. Panels come standard with interior two point lever latches, and have an option for three point keyed locks for added security and access from the exterior.

Each unit includes all the necessary hardware for a complete installation; you just supply the glass, or if you prefer, ask CRL to supply fully glazed. Compensating channels come standard to ensure a plumb and level installation.

The S55 System is very easy to install and user friendly to operate. Complete installation instructions come with every unit, as well as end user care and maintenance instructions to ensure years of reliable service.

Standard finishes are white, black, or wood grain powder coat, and satin or black/bronze anodized. Standard RAL color powder coat finishes, as well as custom KYNAR® finishes, are available on special order.

CRL Monterey S55R Series

- **Reinforced for Taller Doors**



or



The Monterey S55R Series allows for taller monumental doors. Similar to the S55 Series, the S55R utilizes an additional vertical mullion between panels at every roller joint to allow for extra rollers to carry the increased weight of the doors.



Top



Bottom

MONTEREY™
Bi-Folding Door and Wall System
Interior and Exterior
By C.R. Laurence Co., Inc. / U.S. Aluminum









Monterey is an excellent choice for office dividers.

KYNAR is a registered trademark of Arkema, Inc.

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From Anywhere in the U.S. or Canada

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MONTEREY™ Bi-Folding Door and Wall System Interior and Exterior By C.R. Laurence Co., Inc. / U.S. Aluminum

CRL Monterey S80 Series

- **Thermally Broken**
- **Flexibility to Fully or Partially Open**
- **Fully Assembled With or Without Glazing**
- **Almost Seamless Transition**
- **Installation Hardware Included**

The Monterey S80 Series accommodates 1" or 1-1/4" (25 or 32 mm) insulating glazing. All extrusions are thermally broken for superior thermal performance. Each unit includes all the necessary hardware for a complete installation; you just supply the glazing, or if you prefer, ask CRL to supply fully glazed. Panels come standard with interior two point lever latches and have an option for three point keyed locks for added security and access from the exterior.

The S80 System comes standard with compensating channels to ensure a plumb and level installation. Complete installation instructions come with every unit as well as end user care and maintenance instructions to ensure years of reliable service.

Standard finishes available are white, black, or wood grain powder coat, and satin or black/bronze anodized. Standard RAL color powder coat finishes, as well as custom KYNAR® finishes, are available on special order.



CRL Monterey S80R Series

- **Reinforced for Taller Doors**

The Monterey S80R Series allows for taller monumental doors. Similar to the S80 Series, the S80R utilizes an additional vertical mullion between panels at every roller joint to allow for extra rollers to carry the increased weight of the doors.




Top Roller


Hinge


Flush Sill


Raised Sill

KYNAR is a registered trademark of Arkema, Inc.

CRL's Versatile SPS Stacking Partition System Featuring Intelli-Track®

STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

- Provides the 'All-Glass' Look When Closed and the 'Wide Open' Look When Opened
- Glass Panels Disappear From Sight When Parked in the Parking Closet
- Convertible System Available When a Pivot Door is Required
- A Large Variety of Parking Configurations to Accommodate Almost Any Installation
- Glass Panels Can Be Simply Stacked Against the End Wall or Stored Out of Sight in a Closet

The most versatile option for 'all-glass' walls and partitions is CRL's patented Stacking Partition System, or 'SPS' for short. When you specify the SPS your installation options are virtually unlimited because the individual SPS components allow you to design stacking doors to fit almost any situation. Whether you need to partition off interior spaces, or provide movable 'all-glass' doors for a storefront or other public areas, you can select SPS with full assurance that the system will be easy to work with, easy to install, and easy to operate.

CRL Technical Sales is your source for detailed information on the SPS, and we invite you to contact us at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can send us an e-mail at **crlaurence.com/support**.

VIDEO

MORE INFORMATION
crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

U.S. Patents
8,261,500 B2 and
8,590,233 B2



For more information on Stacking Partition Systems
go to **crlaurence.com/partition-systems**



Santa Anita Park Thoroughbred Racetrack. Arcadia, CA

Typical Applications:

- Retail Stores and Malls
- Banquet Halls
- Restaurants and Eateries
- Convention Centers
- Automobile Dealerships
- Stadium Club Boxes
- Reception Areas
- Pool Houses
- Recreation Centers
- Commercial Offices

CRL SPS Stacking Partition System Featuring Intelli-Track®

- Intelli-Track® Directional Rollers Work With Both Manual and Self-Guiding Intersections to Provide Directional Control
- Available in Five Finishes for 1/2" (12 mm) and 3/4" (19 mm) Tempered Glass
- Many Custom Finishes Available
- Overhead Tracks and Intersections are Available in Mill Aluminum and White Powder Paint (Other Finishes on Special Order)
- A Full Selection of Accessories to Accommodate Most Applications
- In-House Technical Sales Staff to Assist You in Planning Your Installation

SPS
STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

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U.S. Patents
8,261,500 B2 and
8,590,233 B2

VIDEO



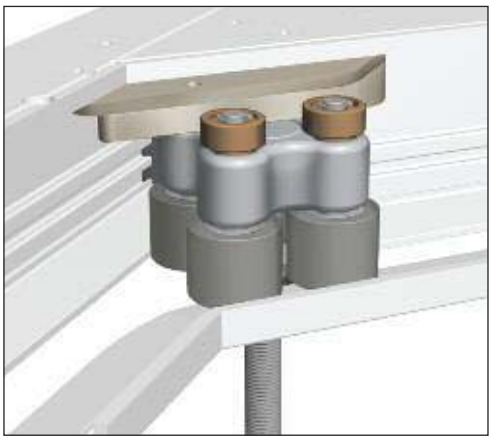
The CRL Intelli-Track® Roller provides a large weight carrying capacity of 470 pounds (213 kg), along with the convenience of directional control when used with Self-Guiding Intersections. It also prevents accidental door panel rotation in both Manual and Self-Guiding Intersections. Heavy-duty construction will provide years of service. The Intelli-Track® Roller is adaptable for use in all of our door rails and framed doors.

Two styles of Overhead Tracks are available: Standard, for almost any installation; and Flanged, for drop ceiling installations. Both are available in mill aluminum and powder painted white 120" (3.05 m) and 240" (6.10 m) stock lengths along with 14 different matching finish intersections. A variety of Door Rail configurations and finishes are available to meet your design criteria. Latches, locks, and alignment pins, when used in conjunction with our dustproof keepers, secure the doors in place when in the closed position.

Our most important offering is our Technical Sales Assistance to help you plan and design your project. We also provide drawings, glass sizes, and installation suggestions after you place your order. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.







NOTE: System supports panels up to 470 pounds (213 kg). It is recommended that individual panels not exceed this weight, or any of the following measurements:

1/2" (12 mm) Glass Panels - 120" (3.05 m) Maximum Height; 72" (1.83 m) Maximum Width
3/4" (19 mm) Glass Panels - 156" (3.96 m) Maximum Height; 72" (1.83 m) Maximum Width.

MORE INFORMATION crlaurence.com

Our More Popular SPS Parking Configurations

- **Five Standard Types of Parking Configurations Available to Accommodate Almost Any Installation Requirement**
- **Perpendicular and Parallel Stacking of Doors Makes the Best Possible Use of Available Space**
- **The Widest Possible Openings for Unimpeded Foot Traffic or 'Wide Open' Viewing**
- **All Parking Areas Come Pre-Assembled for Strength and Ease of Installation**

Parking configurations for Stacking Partition System Doors can be designed to make the best possible use of available space. This allows the widest possible openings for unimpeded foot traffic and the 'wide open' look.

Self-Guiding Corners and Intersections make moving doors into the parking closet smooth and almost effortless. The option of two Overhead Track designs, Standard and Flanged, plus Custom Curved Overhead Track, assure that a Stacking Partition System can be tailored to meet your specific needs.

NOTE:
Pivoting doors are shown in red; Stacking doors are shown in blue.

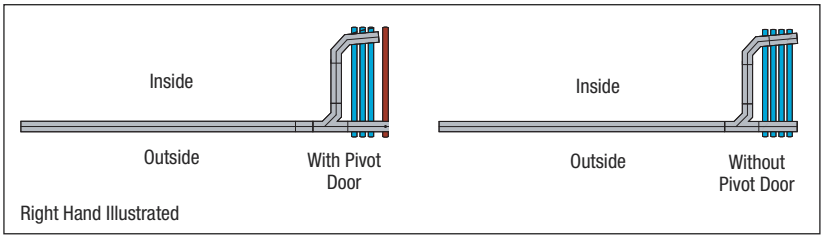
SPS
STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

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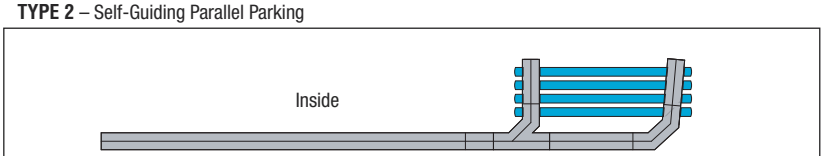
USE MONOLITHIC TEMPERED GLASS

TYPE 1 – Self-Guiding Perpendicular Parking



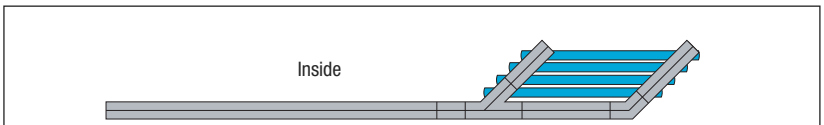
Right Hand Illustrated

TYPE 2 – Self-Guiding Parallel Parking



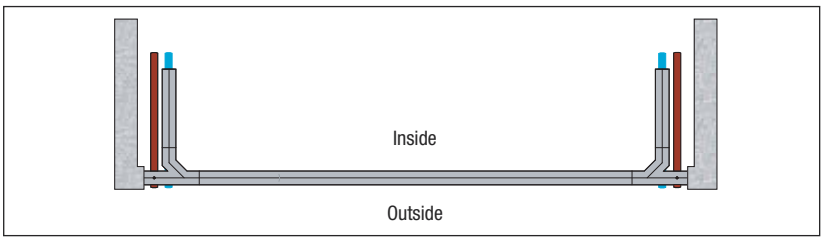
Right Hand Illustrated

TYPE 3 – Self-Guiding 135 Degree Parallel Parking

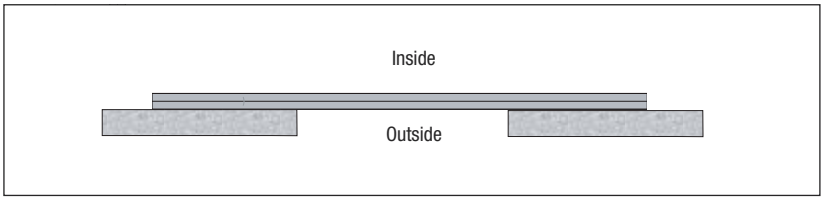


Right Hand Illustrated

TYPE 4 – Bi-Parting Perpendicular Parking with Pivot Doors

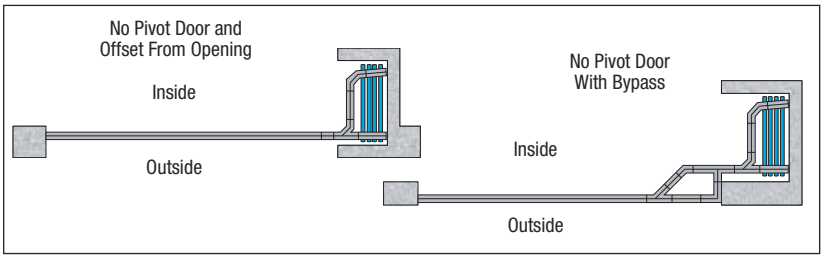


TYPE 5 – Bi-Parting No Parking



Custom SPS Parking Configurations Available

For assistance with parking configuration selection and design, contact Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. To send us an e-mail, go to **crlaurence.com/support**.



CRL SPS Stacking Partition System With Convertible Pivoting/Sliding Doors

- SPS Doors Can Now Pivot and Slide
- Fully Adjustable Closing Features
- 6" (152 mm) Rails Top and Bottom
- Available in Five Architectural Finishes
- Custom Finishes Available on Special Order

STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



Pivoting Entrance Doors



Wide Open in the Stacked Position

Convertible doors not only pivot, but they also slide and stack away, giving you the look of a standard pivoting door entrance with the ability to slide and stack away all the panels, even the pivoting doors.

Pivoting Doors are easily converted to Sliding Panels and back again by a simple 'one screw' Coordinator at the top of the door, and our fully concealed 'single lever' Closer Engagement Mechanism at the bottom of the door. A heavy-duty floor closer is concealed in the bottom rail of the door, eliminating the unsightly cover plates across the center of the opening when the panels are stacked away.



Pivoting to Sliding Door Top Coordinator



Heavy-Duty Floor Closer and Engagement Mechanism Concealed in the Bottom Rail

CRL SPS Convertible Pivoting/Sliding Door With 6" Square Rails Top and Bottom

MORE INFORMATION
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- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes

USE MONOLITHIC TEMPERED GLASS

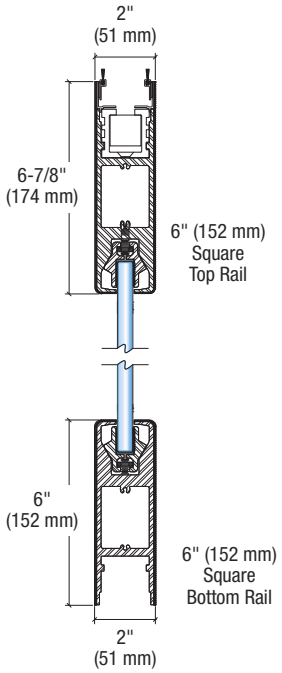
Now featuring our new Convertible Door System, which utilizes our 6" (152 mm) Square Door Rails top and bottom with a special Combination Rail at the Convertible Door.

Designed for use with 1/2" (12 mm) tempered glass. You have a choice of five standard Parking Configurations (see page CH220), as well as an endless selection of custom configurations to fit your specific project. You can have all sliding panels, or a combination of pivoting and sliding panels.

VIDEO

ARCH. SPEC. ONLINE





AVAILABLE FINISHES
Satin Anodized*
Black Bronze Anodized*
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish

CRL US ALUMINUM MANUFACTURED IN THE USA

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TRACK STYLE	PARKING CONFIGURATIONS (SEE PAGE CH220) TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S112S1	S112S2	S112S3	S112S4	S112S5
Flanged Track	S112F1	S112F2	S112F3	S112F4	S112F5

Note: Track comes in a standard white powder coat unless otherwise specified.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

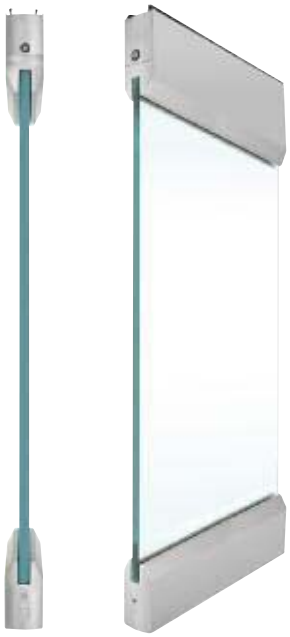
CRL SPS With 4" Tapered Rails Top and Bottom

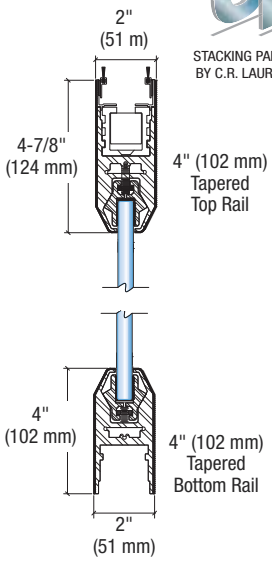
- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels

U.S. Patents
8,261,500 B2 and
8,590,233 B2

STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

4" (102 mm) Tapered Door Rails top and bottom for use with 1/2" (12 mm) tempered glass. You have a choice of five standard Parking Configurations, as well as an endless selection of custom configurations to fit your project. You can have all sliding panels, or a combination of sliding and pivoting panels.
NOTE: For models that use 3/4" (19 mm) tempered glass visit **crlaurence.com/sliding-glass-doors**.





MORE MODELS crlaurence.com

ARCH. SPEC. ONLINE

USE MONOLITHIC TEMPERED GLASS

AVAILABLE FINISHES
Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish

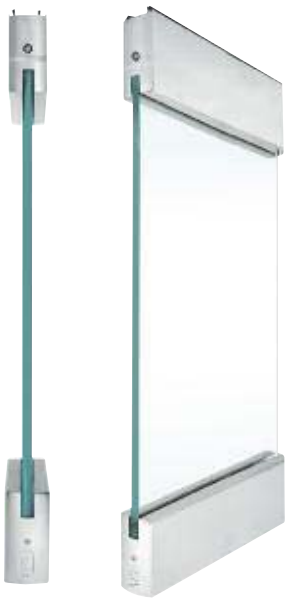
TRACK STYLE	PARKING CONFIGURATIONS (SEE PAGE CH220) TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S312S1	S312S2	S312S3	S312S4	S312S5
Flanged Track	S312F1	S312F2	S312F3	S312F4	S312F5

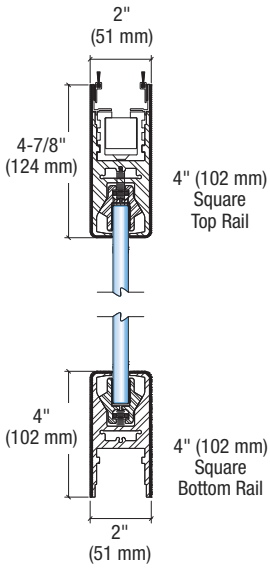
Note: Track comes in a standard white powder coat unless otherwise specified.

CRL SPS With 4" Square Rails Top and Bottom

- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels

4" (102 mm) Square Door Rails top and bottom for use with 1/2" (12 mm) tempered glass. You have a choice of five standard Parking Configurations, as well as an endless selection of custom configurations to fit your project. You can have all sliding panels, or a combination of sliding and pivoting panels.
NOTE: For models that use 3/4" (19 mm) tempered glass visit **crlaurence.com/sliding-glass-doors**.





VIDEO

ARCH. SPEC. ONLINE

USE MONOLITHIC TEMPERED GLASS

AVAILABLE FINISHES
Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish

TRACK STYLE	PARKING CONFIGURATIONS (SEE PAGE CH220) TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S412S1	S412S2	S412S3	S412S4	S412S5
Flanged Track	S412F1	S412F2	S412F3	S412F4	S412F5

Note: Track comes in a standard white powder coat unless otherwise specified.

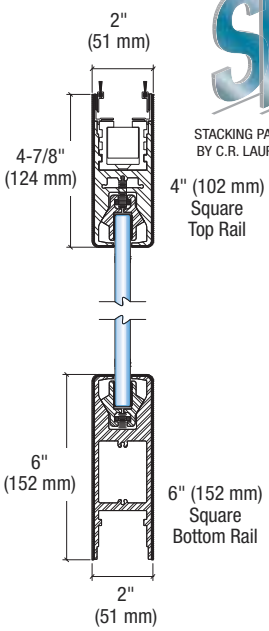
CRL SPS With 4" Square Rails on the Top and 6" Square Rails on the Bottom

U.S. Patents
8,261,500 B2 and
8,590,233 B2

- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels

4" (102 mm) Square Door Rail on the top and 6" (152 mm) Square Door Rail on the bottom for use with 1/2" (12 mm) tempered glass. You have a choice of five standard Parking Configurations, as well as an endless selection of custom configurations to fit your project. You can have all sliding panels, or a combination of sliding and pivoting panels.
NOTE: For models that use 3/4" (19 mm) tempered glass visit **crlaurence.com/sliding-glass-doors**.





STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

MORE MODELS crlaurence.com

ARCH. SPEC. ONLINE

USE MONOLITHIC TEMPERED GLASS

AVAILABLE FINISHES

Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish

TRACK STYLE	PARKING CONFIGURATIONS (SEE PAGE CH220) TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S512S1	S512S2	S512S3	S512S4	S512S5
Flanged Track	S512F1	S512F2	S512F3	S512F4	S512F5

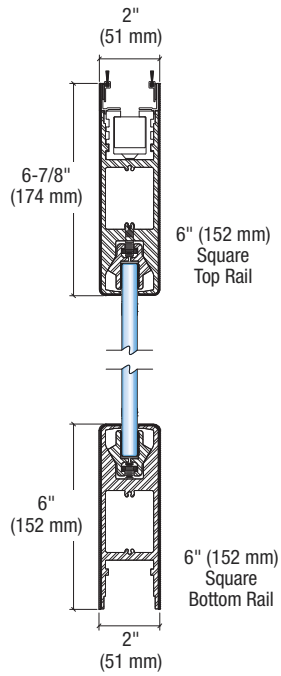
Note: Track comes in a standard white powder coat unless otherwise specified.

CRL SPS With 6" Square Rails Top and Bottom

- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels

6" (152 mm) Square Door Rails on the top and bottom for use with 1/2" (12 mm) tempered glass. You have a choice of five standard Parking Configurations, as well as an endless selection of custom configurations to fit your project. You can have all sliding panels, or a combination of sliding and pivoting panels.





VIDEO

ARCH. SPEC. ONLINE

USE MONOLITHIC TEMPERED GLASS

AVAILABLE FINISHES

Satin Anodized*
Black Bronze Anodized*
Brushed Stainless*
Polished Brass*
Polished Stainless*

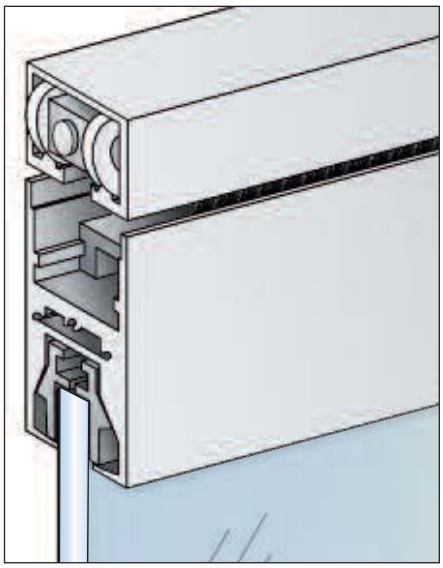
* Clad finish

TRACK STYLE	PARKING CONFIGURATIONS (SEE PAGE CH220) TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S712S1	S712S2	S712S3	S712S4	S712S5
Flanged Track	S712F1	S712F2	S712F3	S712F4	S712F5

Note: Track comes in a standard white powder coat unless otherwise specified.

CRL Overhead Track Sliding and Bi-Fold Doors

USE MONOLITHIC TEMPERED GLASS



- Custom Built in Eight Standard Sliding Configurations and Eight Standard Bi-Fold Configurations
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Available in Six Architectural Finishes
- Custom Finishes Available on Special Order

CRL Overhead Track Sliding and Bi-Fold Door Systems are designed to work in a variety of different applications. Their universal track and roller design allows them to be used as Sliding, Half Panel Bi-Fold or Full Panel Bi-Fold configurations. Each unit is custom built to your specifications for opening size, glass thickness, and locking hardware.

Our Cat. No. 0TCA Top Roller Carriage Assemblies adjust easily for both height and alignment. Their compact design allows for the Top Track and the Door Rail widths to match, providing an even sight line. A pile weatherstrip fills the gap between the Top Track and Door Rail. An optional recessed 0TBR Series Guide Channel is included with each system for increased performance and added security.

NOTE: This system is not designed to be used with laminated glass.

CRL Overhead Track Sliding Door Configurations

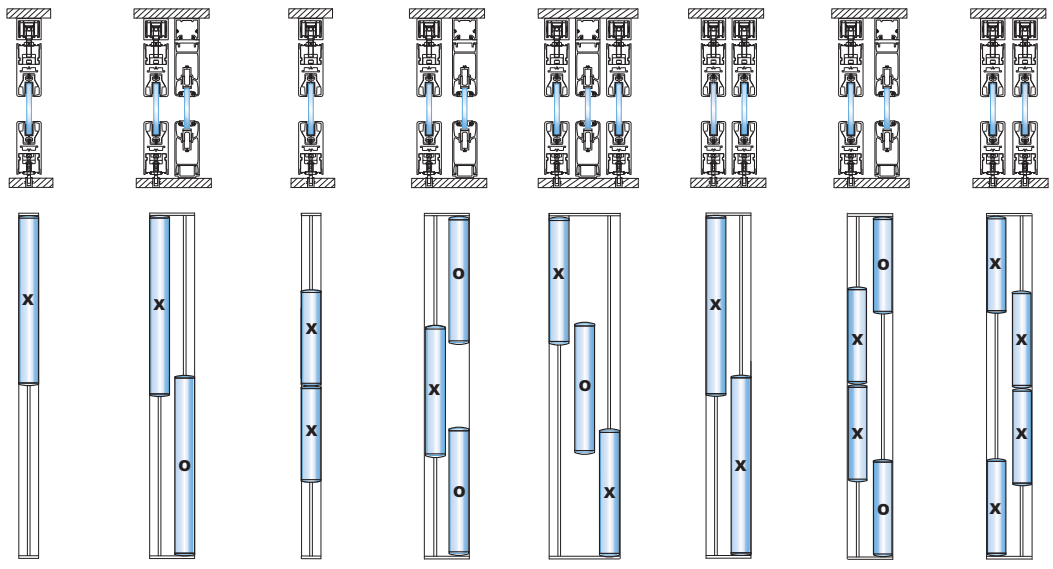
ARCH. SPEC. ONLINE

MORE INFORMATION crlaurence.com

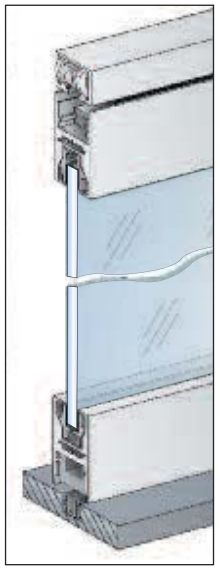
- Silent Moving Four-Roller Carriage Assemblies in Eight Configurations

CRL Overhead Track Sliding Door Systems are available in eight standard configurations. Each sliding panel is hung from two Cat. No. 0TCA Carriage Assemblies. Maximum panel weight not to exceed 225 pounds (102 kg). Maximum panel width is 72" (1829 mm). Minimum panel width is 25" (635 mm).

NOTE: Available only by custom order. Standard with 4" (102 mm) Square Rails, however, any of our 4", 6", or 10" (102, 152, or 254 mm) Rail combinations are available. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at crlaurence.com/support.



X = Sliding Panel O = Fixed Panel



X	X0 (0X) BYPASS	XX BI-PART	0X0 BYPASS	X0X BYPASS	XX BYPASS	0XX0 BI-PART	XXXX BYPASS
SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.
0TS1	0TS101	0TS2	0TS102	0TS203	0TS22	0TS202	0TS24

Minimum order: 1 each. Must ship common carrier.

FINISHES

Satin Anodized
Black Bronze Anodized
Black Powder Coat
*Brushed Stainless
*Polished Stainless
*Polished Brass

*Clad finish.

CRL Overhead Track Half Leaf Bi-Fold Door Systems

ARCH. SPEC. ONLINE

USE MONOLITHIC TEMPERED GLASS

- **Featuring 4" (102 mm) Square DR4S Series Door Rails**
- **Panels Hung From Mid-Point, Maximizing Panel Width**
- **Available In Six Architectural Finishes**



CRL Overhead Track Half Leaf Bi-Fold Door Systems are available in four configurations, with a maximum of three panels on each side of the opening. The end panels act like normal center pivoting doors and connect to the first hanging panel using special hinged end caps. The hanging panels are joined in the same manner, and are hung from a single Cat. No. 0TCA Carriage Assembly at the midpoint of the panel's width.

Use of our Cat. No. 0TBR Series Guide Channel supplied with each order is highly recommended to prevent the panels from dragging during operation. Maximum panel weight not to exceed 170 pounds (77 kg). Maximum panel width is 41" (1041 mm). Minimum panel width is 15" (381 mm).

NOTE: Available with 4" (102 mm) square rails, and only by custom order. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

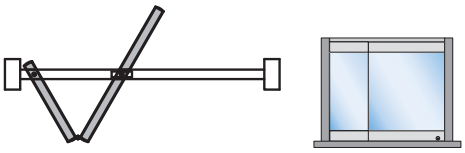
NOTE: This system is not designed to be used with laminated glass.

MORE CHOICES crlaurence.com

HALF LEAF BI-FOLD 2 PANELS

CAT. NO.	FINISH
0TC2SA	Satin Anodized
0TC2DU	Black Bronze Anodized
0TC2BL	Black Powder Coat
0TC2BS	*Brushed Stainless
0TC2PS	*Polished Stainless
0TC2PB	*Polished Brass

Minimum order: 1 each. *Clad Finish.

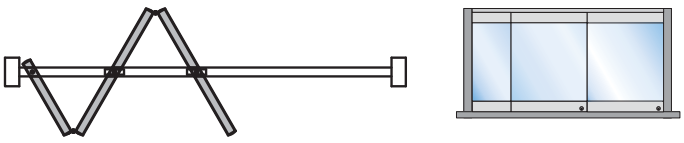




HALF LEAF BI-FOLD 3 PANELS

CAT. NO.	FINISH
0TC3SA	Satin Anodized
0TC3DU	Black Bronze Anodized
0TC3BL	Black Powder Coat
0TC3BS	*Brushed Stainless
0TC3PS	*Polished Stainless
0TC3PB	*Polished Brass

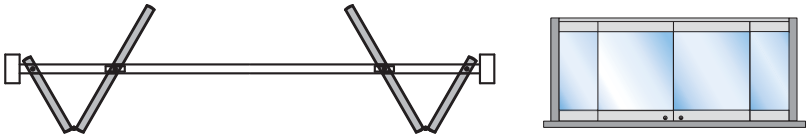
Minimum order: 1 each. *Clad Finish.



HALF LEAF BI-FOLD 4 PANELS BIPART

CAT. NO.	FINISH
0TC4BPSA	Satin Anodized
0TC4BPDU	Black Bronze Anodized
0TC4BPBL	Black Powder Coat
0TC4BPBS	*Brushed Stainless
0TC4BPPS	*Polished Stainless
0TC4BPPB	*Polished Brass

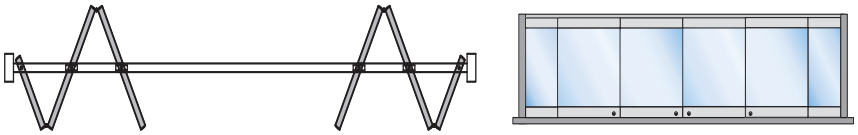
Minimum order: 1 each. *Clad Finish.



HALF LEAF BI-FOLD 6 PANELS BIPART

CAT. NO.	FINISH
0TC6BPSA	Satin Anodized
0TC6BPDU	Black Bronze Anodized
0TC6BPBL	Black Powder Coat
0TC6BPBS	*Brushed Stainless
0TC6BPPS	*Polished Stainless
0TC6BPPB	*Polished Brass

Minimum order: 1 each. *Clad Finish.



CRL Overhead Track Full Leaf Bi-Fold Door Systems

ARCH. SPEC. ONLINE

USE MONOLITHIC TEMPERED GLASS

- **Featuring 4" (102 mm) Square DR4S Series Door Rails**
- **Panels Hung From End Point, Minimizing Obstruction**
- **Custom Built to Your Specs for Fit and Finish**



CRL Overhead Track Full Leaf Bi-Fold Door Systems are available in four configurations, with a maximum of three panels on each side of the opening. The end panels act like normal center pivoting doors and connect to the first hanging panel using special hinged end caps. The hanging panels are joined in the same manner, and are hung from a single Cat. No. 0TCA Carriage Assembly at the panel's end point.

Use of our Cat. No. 0TBR Series Guide Channel supplied with each order is highly recommended to prevent the panels from dragging during operation. Maximum panel weight not to exceed 170 pounds (77 kg). Maximum panel width is 39" (1 m). Minimum panel width is 15" (381 mm).

NOTE: Available with 4" (102 mm) square rails, and only by custom order.

Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

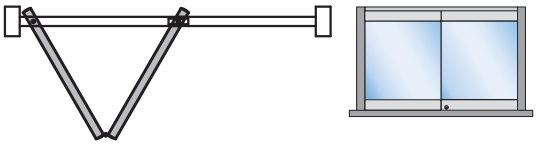
NOTE: This system is not designed to be used with laminated glass.

FULL LEAF BI-FOLD 2 PANELS

CAT. NO.	FINISH
0TB2SA	Satin Anodized
0TB2DU	Black Bronze Anodized
0TB2BL	Black Powder Coat
0TB2BS	*Brushed Stainless
0TB2PS	*Polished Stainless
0TB2PB	*Polished Brass

Minimum order: 1 each. *Clad Finish.

MORE MODELS crlaurence.com





FULL LEAF BI-FOLD 3 PANELS

CAT. NO.	FINISH
0TB3SA	Satin Anodized
0TB3DU	Black Bronze Anodized
0TB3BL	Black Powder Coat
0TB3BS	*Brushed Stainless
0TB3PS	*Polished Stainless
0TB3PB	*Polished Brass

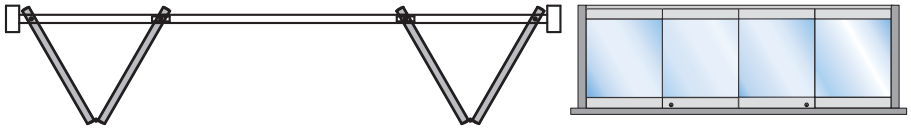
Minimum order: 1 each. *Clad Finish.



FULL LEAF BI-FOLD 4 PANELS BIPART

CAT. NO.	FINISH
0TB4BPSA	Satin Anodized
0TB4BPDU	Black Bronze Anodized
0TB4BPBL	Black Powder Coat
0TB4BPBS	*Brushed Stainless
0TB4BPPS	*Polished Stainless
0TB4BPPB	*Polished Brass

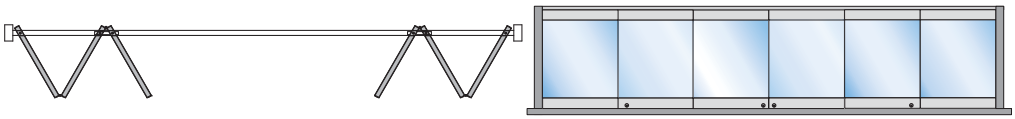
Minimum order: 1 each. *Clad Finish.



FULL LEAF BI-FOLD 6 PANELS BIPART

CAT. NO.	FINISH
0TB6BPSA	Satin Anodized
0TB6BPDU	Black Bronze Anodized
0TB6BPBL	Black Powder Coat
0TB6BPBS	*Brushed Stainless
0TB6BPPS	*Polished Stainless
0TB6BPPB	*Polished Brass

Minimum order: 1 each. *Clad Finish.



CRL Accessories for Overhead Track Sliding and Bi-Fold Door Systems

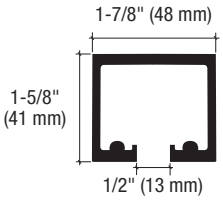
- Common to Our OTS, OTC, and OTB Series Door Systems

Top Track

- Available in 120" (3.05 m) and 240" (6.1 m) Stock Lengths
- Choice of Two Finishes



CRL Top Track for Overhead Track Sliding and Bi-Fold Doors is available in stock lengths that you can cut to size in the field if conditions require mounting the Top Track prior to ordering the entire system. Made of extruded aluminum for durability and maximum strength.



CAT. NO.	STOCK LENGTH	FINISH
0TTR120DU	120" (3.05 m)	Black Bronze Anodized
0TTR120SA	120" (3.05 m)	Satin Anodized
0TTR240DU	240" (6.1 m)	Black Bronze Anodized
0TTR240SA	240" (6.1 m)	Satin Anodized

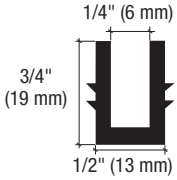
Minimum order: 1 stock length. Finishes can be combined for quantity pricing.
Must ship via common carrier.

Guide Channel

- Available in 120" (3.05 m) and 240" (6.1 m) Stock Lengths
- Choice of Two Finishes



This CRL Guide Channel for Overhead Track Sliding and Bi-Fold Doors is available in stock lengths that you can cut to size in the field if conditions require mounting the Guide Channel prior to ordering the entire system. Its narrow, recessed design eliminates tripping hazards.



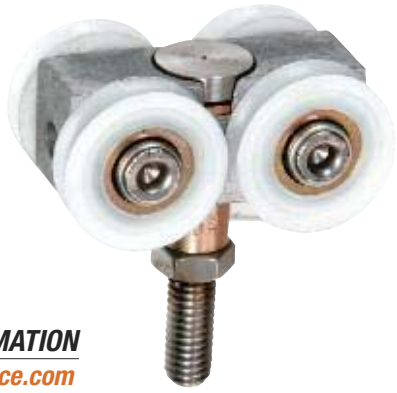
CAT. NO.	STOCK LENGTH	FINISH
0TBR120DU	120" (3.05 m)	Black Bronze Anodized
0TBR120SA	120" (3.05 m)	Satin Anodized
0TBR240DU	240" (6.1 m)	Black Bronze Anodized
0TBR240SA	240" (6.1 m)	Satin Anodized

Minimum order: 1 stock length. Finishes can be combined for quantity pricing.
Must ship via common carrier.

Carriage Assembly

- Durable, Long Lasting Roller Assemblies Included With All OT Series Systems

CRL USALUMINUM MANUFACTURED IN THE USA



MORE INFORMATION crlaurence.com

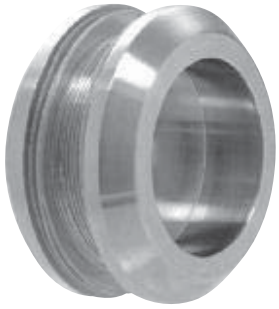
This Carriage Assembly for our OT Series Sliding and Bi-Fold Doors has an extruded aluminum body with stainless steel hanging bolt and axles, bronze bushings, and nylon rollers with ball bearings. Threaded Rod is 3/8"-16. Minimum order is one each.
NOTE: Maximum load per Carriage Assembly must not exceed 112 pounds (51 kg).

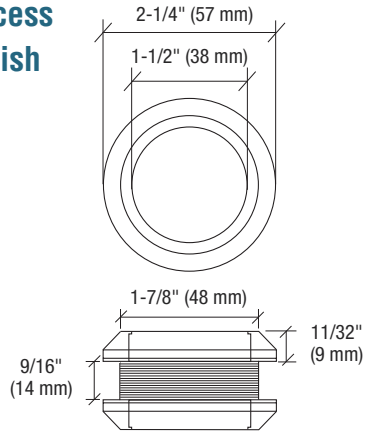
CAT. NO. 0TCA

Thru-Glass Pull



- Low Profile Design Allows for Full Door Opening Access
- Brushed Stainless Finish





The CRL Thru-Glass Pull has a recessed low profile design that you screw together to install. Its solid stainless steel construction makes this a rugged yet elegant solution for a pull handle. The thickness of this Thru-Glass Pull Handle doesn't impede movement in front of walls or glass sidelites as it allows for full door opening access. Supplied with clear gaskets to accommodate door glass from 3/8" to 1/2" (10 to 12 mm) thick. Minimum order is one each.
NOTE : Requires 1-7/8" (48 mm) hole in glass panel for installation. You can use our Cat. No. PDT48MM Diamond Drill to fabricate the proper size hole.

CAT. NO. FP214BS

CRL Heavy Glass Top Hung Sliding Door Systems



- **Models for Single and Double Doors, Synchonized Bi-Parting Doors, Telescoping Doors, and With or Without Fixed Sidelites**
- **Wall, Ceiling, or Glass Mounted**
- **For 5/16", 3/8" or 1/2" (8,10 or 12 mm) Tempered Glass**
- **Select Models Available With 'Softbrake' Braking System**

The following pages showcase our wide variety of Top Hung Heavy Glass Sliding Door Systems for commercial and residential use. All are designed to be easy to install, operate, and most of all, safe, even in high traffic circumstances.

These Top Hung Door Systems require no bottom track for an 'all-glass' look, and all have smooth sliding action allowing for finger touch control. Select models now feature our new 'Softbrake' Braking System.

Choose from several architectural finishes and systems with or without fixed panels and/or transoms.

For additional information contact our Technical Sales Staff at (800) 421-6144 in the U.S., (877) 421-6144 from Canada or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support.**







CRL Laguna Series Sliding Glass Door System With Anti-Lift Safety Features

MODELS NEW!

MORE INFORMATION crlaurence.com

- Improved Anti-Lift Feature for Added Safety
- Alloy 316 Brushed Stainless Steel Construction
- Ideal for Commercial or Residential Applications
- For Use With 3/8" or 1/2" (10 or 12 mm) Glass
- Comes With All Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- See Page CH234 for Wood Door Applications







Typical Wall Mount Installation

The Laguna Series Sliding Glass Door System can be installed on glass partitions or directly to the side of a sufficiently reinforced wall. The adjustable Top Rollers make final adjustments quick and easy, without the need to remove the door. Their smooth operation and solid stainless steel construction minimizes maintenance issues. We strive for ever improving quality, and have added two new Auxiliary Wall/Floor Mount Door Stops and have improved the tube mounted stops. These additions and changes will help to stabilize door 'over travel' when operating the systems.

CRL provides you with all the glass attachment fasteners for either flush mounting (requiring a countersunk hole), or surface mounting (requiring a straight hole). The glass attachment fasteners accommodate either 3/8" or 1/2" (10 or 12 mm) tempered glass and can easily be secured using our Cat. No. SW19 or LSSW1 Spanner Head Wrenches.

Standardized sets allow you to make planning and purchasing quick and easy for basic installations. We offer four different kits; two for wall mounting, and two for glass mounting. Available accessories give you the opportunity to customize the standard sets to accommodate the most imaginative designers. We also offer an Adapter Kit, Cat. No. LSWMADT, to convert these Laguna Kits for use with wood doors. All components are sized to easily ship via UPS, which helps to keep your job costs and lead times down.

For more information go to **crlaurence.com/sliding-glass-doors** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.

DOOR SYSTEM LIMITATIONS	
Maximum Door Weight:	220 lbs. (100 kg)
Minimum Door Width:	37-13/16" (960 mm)
Maximum Door Width:	53-9/16" (1.36 m)
Maximum Door Height:	98-7/16" (2.50 m)



NOTE: Laminated glass cannot be used in these systems.



Typical Glass Mount Installation

CRL Laguna Series Wall Mount Single Slider Kit

MODEL NEW!

3/8" to 1/2"

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

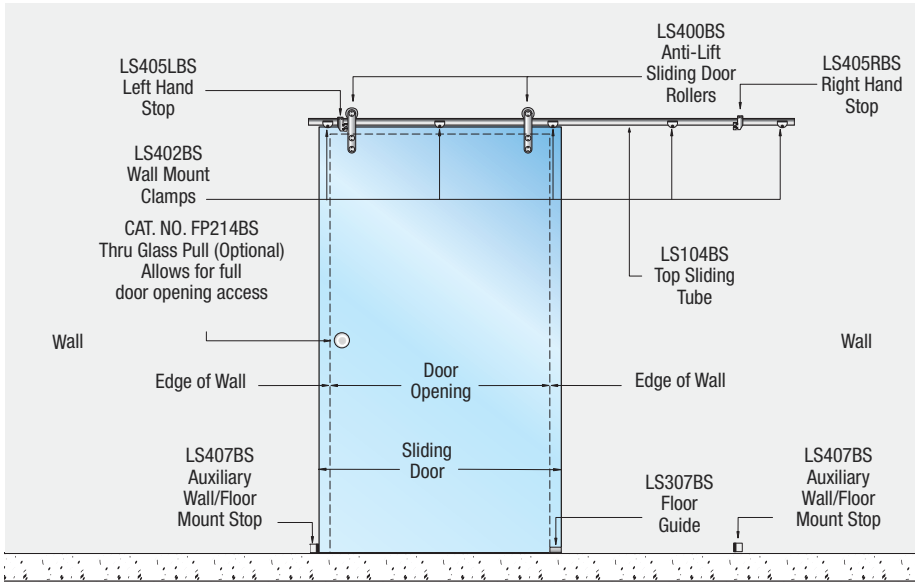
- **Improved Anti-Lift Design**
- **Assembly Contains All Necessary Hardware to Complete the Installation With 3/8" or 1/2" (10 or 12 mm) Tempered Glass**
- **Alloy 316 Brushed Stainless Steel Construction**

The CRL Laguna Series Wall Mount Single Slider Kit contains all the components you will need (except the tempered glass) to complete this style of installation. This model is used in applications where you are attaching a single sliding door to the inside face of a sufficiently reinforced wall.

The Anti-Lift Sliding Door Top Rollers can be attached to the glass with either Surface Mount or Flush Mount Fittings (both are supplied). The Rollers have a 1/8" (3 mm) up or down vertical adjustment to aid in door alignment. This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. Minimum order is one each.

CAT. NO. LSWM5BS

DOOR SYSTEM LIMITATIONS	
Maximum Door Weight:	220 lbs. (100 kg)
Minimum Door Width:	37-13/16" (960 mm)
Maximum Door Width:	53-9/16" (1.36 m)
Maximum Door Height:	98-7/16" (2.50 m)



Viewed From Interior Side

Viewed From Top of Opening

Complete glass fabrication details and drawings are available from **crlaurence.com/laguna** or by contacting our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.

Each Kit LSWM5BS Contains:



Two CRL Laguna Series LS400BS Anti-Lift Top Rollers With Glass Fittings



One CRL Laguna Series LS104BS Top Sliding Tube With End Caps at 104" (2.64 m) in Length



Two CRL Laguna Series LS405 Door Stops (One Left Hand and One Right Hand)

ARCH. SPEC. ONLINE



Five CRL Laguna Series LS402BS Top Sliding Tube Wall Mount Clamps



One CRL Laguna Series LS307BS Bottom Floor Guide



Two CRL Laguna Series LS407BS Auxiliary Wall/Floor Mount Door Stops

CRL Laguna Series Wall Mount Bi-Parting Slider Kit

MODEL NEW!

3/8" to 1/2"

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

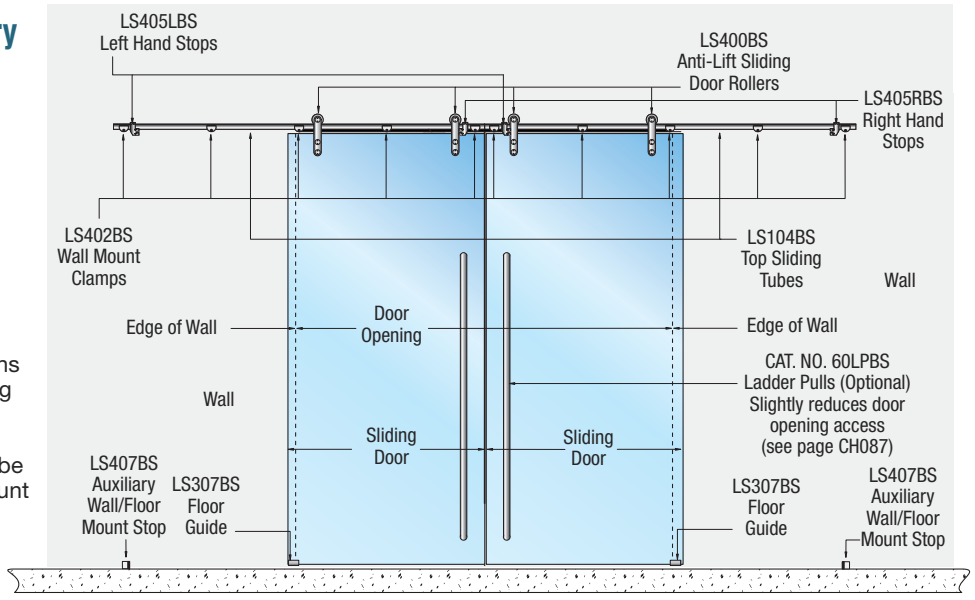
- **Improved Anti-Lift Design**
- **Assembly Contains All Necessary Hardware to Complete the Installation With 3/8" or 1/2" (10 or 12 mm) Tempered Glass**
- **Alloy 316 Brushed Stainless Steel Construction**

The CRL Laguna Series Wall Mount Bi-Parting Slider Kit contains all the components you will need (except the tempered glass) to complete this style of installation. This model is used in applications where you are attaching two bi-parting sliding doors to the inside face of a sufficiently reinforced wall.

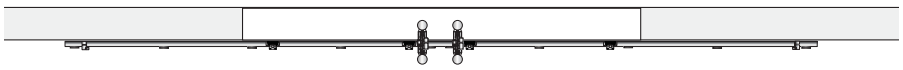
The Anti-Lift Sliding Door Top Rollers can be attached to the glass with either Surface Mount or Flush Mount Fittings (both are supplied). The Rollers have a 1/8" (3 mm) up or down vertical adjustment to aid in door alignment. This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. Minimum order is one each.

CAT. NO. LSWM6BS

DOOR SYSTEM LIMITATIONS	
Maximum Door Weight:	220 lbs. (100 kg)
Minimum Door Width:	37-13/16" (960 mm)
Maximum Door Width:	53-9/16" (1.36 m)
Maximum Door Height:	98-7/16" (2.50 m)



Viewed From Interior Side



Viewed From Top of Opening

Complete glass fabrication details and drawings are available from **crlaurence.com/laguna** or by contacting our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.

Each Kit LSWM6BS Contains:



Four CRL Laguna Series LS400BS Anti-Lift Top Rollers With Glass Fittings

ARCH. SPEC. ONLINE



Two CRL Laguna Series LS104BS Top Sliding Tubes With End Caps at 104" (2.64 m) in Length



Four CRL Laguna Series LS405 Door Stops (Two Left Hand and Two Right Hand)



Ten CRL Laguna Series LS402BS Top Sliding Tube Wall Mount Clamps



Two CRL Laguna Series LS307BS Bottom Floor Guides



Two CRL Laguna Series LS407BS Auxiliary Wall/Floor Mount Door Stops

CRL Laguna Series Glass Mount Single Slider Kit

MODEL NEW!

3/8" to 1/2"

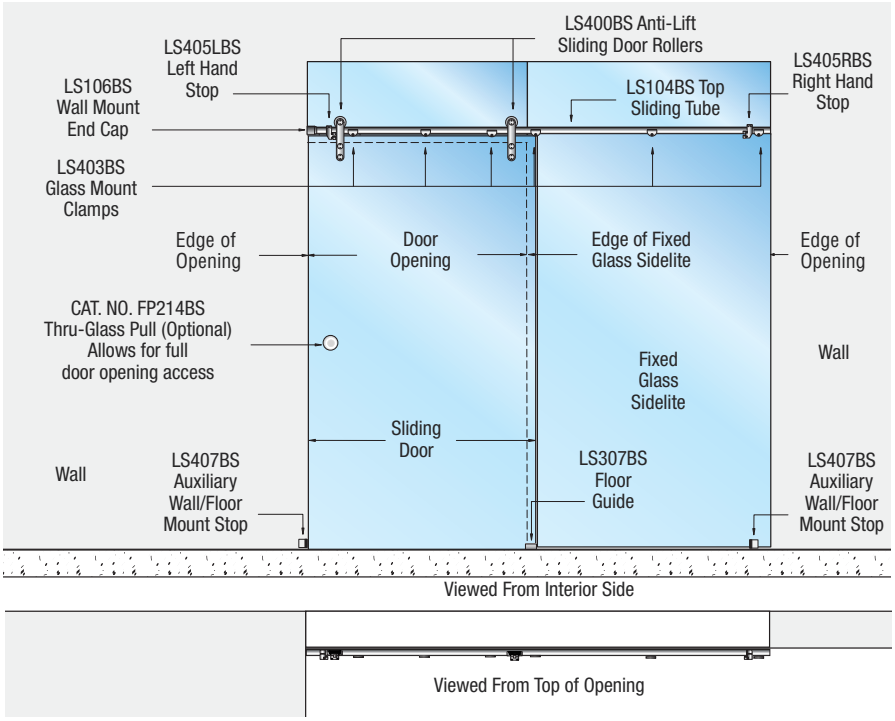
MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

- Improved Anti-Lift Design
- Assembly Contains All Necessary Hardware to Complete the Installation With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Alloy 316 Brushed Stainless Steel Construction

The CRL Laguna Series Glass Mount Single Slider Kit contains all the components you will need (except the tempered glass) to complete this style of installation. This model is used in applications where you are attaching a single sliding door in an 'all-glass' opening where you have a wall on one end next to the door, a glass transom above the door, and a fixed glass panel on the other side of the door. Bi-parting double doors are not possible for this application.

The Anti-Lift Sliding Door Top Rollers can be attached to the glass with either Surface Mount or Flush Mount Fittings (both are supplied). The Rollers have a 1/8" (3 mm) up or down vertical adjustment to aid in door alignment. This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. Minimum order is one each.



CAT. NO. LSGM5BS

DOOR SYSTEM LIMITATIONS	
Maximum Door Weight:	220 lbs. (100 kg)
Minimum Door Width:	37-13/16" (960 mm)
Maximum Door Width:	53-9/16" (1.36 m)
Maximum Door Height:	98-7/16" (2.50 m)

Complete glass fabrication details and drawings are available from **crlaurence.com/laguna** or by contacting our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.

Each Kit LSGM5BS Contains:

ARCH. SPEC. ONLINE



Two CRL Laguna Series LS400BS Anti-Lift Top Rollers With Glass Fittings



One CRL Laguna Series LS104BS Top Sliding Tube With End Caps at 104" (2.64 m) in Length



Two CRL Laguna Series LS405 Door Stops (One Left Hand and One Right Hand)



Six CRL Laguna Series LS403BS Top Sliding Tube Glass Mount Clamps



One CRL Laguna Series LS106BS Top Sliding Tube Wall Mount End Cap (fastener to wall is not included)



One CRL Laguna Series LS307BS Bottom Floor Guide



Two CRL Laguna Series LS407BS Auxiliary Wall/Floor Mount Door Stops

CRL Laguna Series Glass Mount Single Slider With Sidelites Kit

NEW! MODEL

3/8" to 1/2"

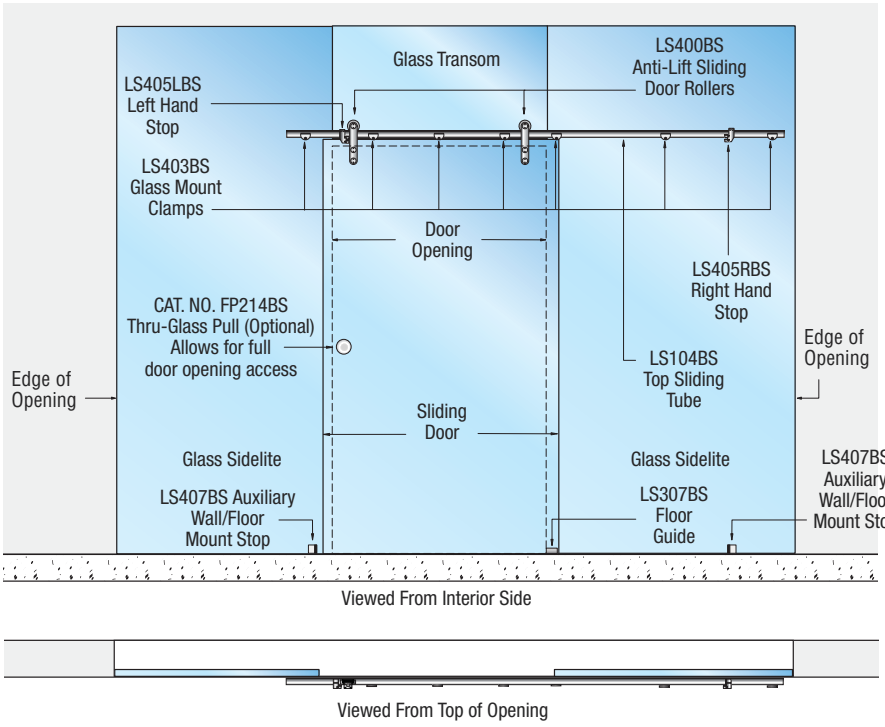
MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

- **Improved Anti-Lift Design**
- **Assembly Contains All Necessary Hardware to Complete the Installation With 3/8" or 1/2" (10 or 12 mm) Tempered Glass**
- **Alloy 316 Brushed Stainless Steel Construction**

The CRL Laguna Series Glass Mount Single Slider With Sidelites Kit contains all the components you will need (except the tempered glass) to complete this style of installation. This model is used in applications where you are attaching a single sliding door in an 'all-glass' opening and have a glass transom above the door and fixed glass panels on both sides of the door. Bi-parting double doors are not possible for this application.

The Anti-Lift Sliding Door Top Rollers can be attached to the glass with either Surface Mount or Flush Mount Fittings (both are supplied). The Rollers have a 1/8" (3 mm) up or down vertical adjustment to aid in door alignment. This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. Minimum order is one each.



CAT. NO. LSGM6BS

DOOR SYSTEM LIMITATIONS	
Maximum Door Weight:	220 lbs. (100 kg)
Minimum Door Width:	37-13/16" (960 mm)
Maximum Door Width:	53-9/16" (1.36 m)
Maximum Door Height:	98-7/16" (2.50 m)

Complete glass fabrication details and drawings are available from **crlaurence.com/laguna** or by contacting our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.

Each Kit LSGM6BS Contains:



Two CRL Laguna Series LS400BS Anti-Lift Top Rollers With Glass Fittings



One CRL Laguna Series LS104BS Top Sliding Tube With End Caps at 104" (2.64 m) in Length



Two CRL Laguna Series LS405 Door Stops (One Left Hand and One Right Hand)

ARCH. SPEC. ONLINE



Seven CRL Laguna Series LS403BS Top Sliding Tube Glass Mount Clamps



One CRL Laguna Series LS307BS Bottom Floor Guide



Two CRL Laguna Series LS407BS Auxiliary Wall/Floor Mount Door Stops

CRL Laguna Sliding Door Hardware Adaptor Kit for Wood Doors



- **Easily Adapts Our Laguna Slider Kits to Work With Wood Doors From 1-3/8" to 1-3/4" (35 to 45 mm) Thick**
- **Alloy 316 Brushed Stainless Steel Finish**

Now you can easily adapt any of our Laguna Sliding Door Systems to work with wood doors. The Adaptor Kit allows you to mount Laguna Slider Hardware on wood doors ranging in thickness from 1-3/8" to 1-3/4" (35 to 45 mm). Recommended for solid wood doors, but can be used on hollow core doors that have adequate structure to accept the hardware.

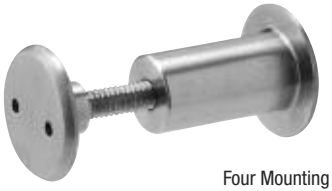
Each LSWMADT Kit comes with four Mounting Bolts for attaching the hardware to the wood door, five Wall Mount Bracket Spacers 3/8" (10 mm) thick and one Floor Guide. All parts are made of alloy 316 stainless steel. One kit is required per door.

For additional information or assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send an e-mail to **crlaurence.com/support**.

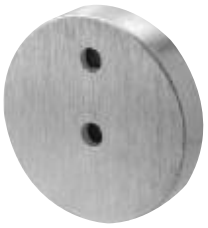
CAT. NO. LSWMADT

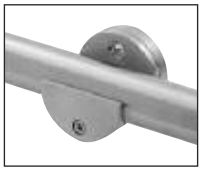
Each Kit LSWMADT Contains:





Four Mounting Bolts to secure Wood Door to Anti-Lift Top Rollers





Five Wall Mount Bracket Spacers 3/8" (10 mm) Thick fit behind LS402BS Clamps





One Floor Guide

Also Available....

CRL Laguna Series Pivot Door Systems

Pages CH140 - CH143

USE MONOLITHIC TEMPERED GLASS

- **Alloy 316 Brushed Stainless Steel Finish**
- **Ideal for Interior Room Applications**





CRL Laguna Sliding Glass Door Replacement Components

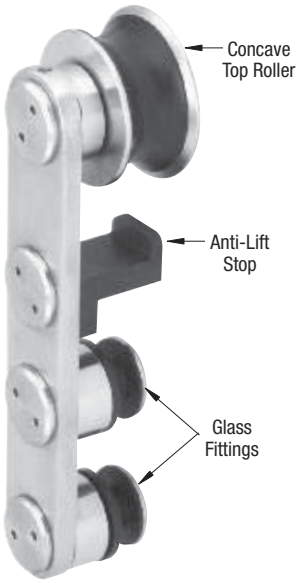
MORE INFORMATION crlaurence.com

Anti-Lift Top Roller

MODEL NEW!

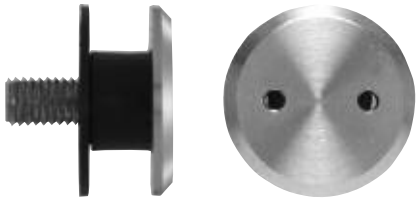
- Improved Model Includes Both Surface Mount and Flush Mount Fittings
- Allows 1/8" (3 mm) Vertical Adjustment
- Brushed Stainless Steel Finish

Two CRL Laguna Series Anti-Lift Top Rollers are needed for each sliding door panel. These will be placed on the Cat. No. LS104BS Top Sliding Tube after it has been mounted to the glass panels or wall. The door panel is then positioned and attached to the Rollers. Anti-Lift Top Rollers will allow for 1/8" (3 mm) up or down adjustment for final alignment. Rollers are supplied with both Surface Mount and Flush Mount Fittings so the glass fabrication choice is yours. Minimum order is one each.

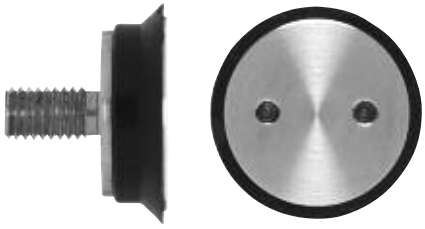


CAT. NO. LS400BS

Supplied With:



Two Surface Mount Glass Fittings



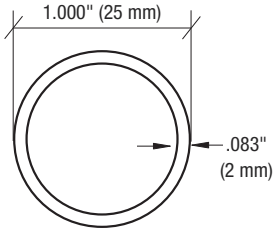
Two Flush Mount Glass Fittings

Top Sliding Tube and End Caps



- Supports Wall or Glass Mount Sliding Doors
- Brushed Stainless Steel Finish
- Now Available in Two Lengths

This CRL Top Sliding Tube provides support for the sliding door when properly attached to walls using Cat. No. LS402BS Top Sliding Tube Wall Mount Clamps, or to glass panels when using Cat. No. LS403BS Top Sliding Tube Glass Mount Clamp Fittings. **NOTE:** LS104BS comes with two LS104CAP End Caps. LS240BS does not include End Caps, and they must be ordered separately.



TOP SLIDING TUBE

CAT. NO.	LENGTH
LS104BS	104" (2.6 m)
LS240BS	240" (6.1 m)

Minimum order: 1 each. Must ship common carrier.



CAT. NO. LS104CAP
Replacement End Cap

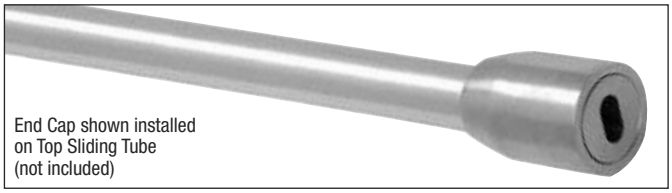
Top Sliding Tube Wall Mount End Cap

- Used for Installations Where Top Sliding Tube Terminates at Wall
- Brushed Stainless Steel Finish

The CRL Top Sliding Tube Wall Mount End Cap is a non-handed fitting. It is used in conditions where the Cat. No. LS104BS Top Sliding Tube terminates into a wall. The elongated hole and internal sleeve make final minor adjustments quick and easy. Fastener to wall is not included. Minimum order is one each.



CAT. NO. LS106BS



End Cap shown installed on Top Sliding Tube (not included)

CRL Laguna Sliding Glass Door Replacement Components

MORE INFORMATION crlaurence.com

Top Sliding Tube Wall Mount Clamp

MODEL NEW!

- Used in Wall Mount Applications
- Improved Anti-Lift System
- Brushed Stainless Steel Finish



This CRL Top Sliding Tube Wall Mount Clamp attaches to the surface of a sufficiently reinforced wall. Fasteners are not supplied. The Cat. No. LS104BS Top Sliding Tube is then clamped in place by tightening the jaws of the Clamp. Minimum order is one each.

CAT. NO. LS402BS

Top Sliding Tube Glass Mount Clamp

MODEL NEW!

- Used in Glass Transom and Sidelite Applications
- Improved Anti-Lift System
- Brushed Stainless Steel Finish



This CRL Top Sliding Tube Glass Mount Clamp is used in glass transom and sidelite applications. They mount through the holes prepared in the glass. Supplied with both Surface Mount and Flush Mount Fittings. The Cat. No. LS104BS Top Sliding Tube is then clamped in place by tightening the jaws. Minimum order is one each.

CAT. NO. LS403BS

Door Stops For Top Tube

- Protects Finished Opening by Preventing 'Over Travel' of Door Panel
- Simple to Install
- Brushed Stainless Steel Finish

These Door Stops prevent 'over travel' of the door panels used in Laguna Series Assemblies, which helps protect the finished opening and the glass. Door Stops are installed by simply sliding them over the end of the Cat. No. LS104BS Top Sliding Tube and then tightening them in place. Minimum order is one each.
NOTE: Left or right handing is determined as viewed from the hardware side of the opening.

MODEL NEW!



CAT. NO. LS405LBS
Left Hand



CAT. NO. LS405RBS
Right Hand

Bottom Floor Guide

- Adjustable for 3/8" and 1/2" (10 and 12 mm) Glass Doors
- Brushed Stainless Steel Finish



The CRL Laguna Series Bottom Floor Guide keeps the glass door aligned so it can slide straight while opening and closing. Also prevents the door glass from being pushed in at the bottom. 1-15/16" (49 mm) overall length; 7/8" (22 mm) high. Minimum order is one each.

CAT. NO. LS307BS

Auxiliary Wall/Floor Mount Door Stop

NEW!

- Works Along With Top Mount Door Stops to Protect the Finished Opening
- Brushed Stainless Steel Finish



This Auxiliary Wall/Floor Mount Door Stop works in conjunction with the Top Tube Door Stops to help protect the finished opening and the glass. 1-13/16" (43 mm) diameter; 1-9/16"(40 mm) high. Minimum order is one each.

CAT. NO. LS407BS

CRL Laguna Sliding Glass Door Accessories

MORE INFORMATION crlaurence.com

Top Sliding Tube Ceiling Mount Clamp

- Used in Laguna Ceiling Mount Applications
- Improved Anti-Lift System
- Brushed Stainless Steel Finish

MODEL NEW!



This CRL Top Sliding Tube Ceiling Mount Clamp attaches to a structural ceiling sufficient to carry the loads of the Sliding Glass Doors. These are ordered separately from the kits and would replace the Wall Clamps included in any of the kits.

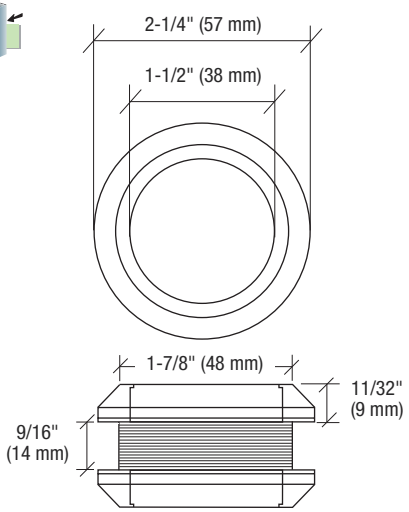
This Clamp positions the Top Sliding Tube 4-11/16" (119 mm) down from the ceiling and has 3/16" (5 mm) of up or down adjustment to help with leveling the Top Sliding Tube during installation. Comes with four fasteners for mounting, and has a snap-on cover to finish the installation. Minimum order is one each.

CAT. NO. LS412BS

Thru-Glass Pull

- Low Profile Design Allows for Full Door Opening Access
- Brushed Stainless Steel Finish







The CRL Thru-Glass Pull has a recessed low profile design that you screw together to install. Its solid stainless steel construction makes this a rugged yet elegant solution for a pull handle. The thickness of this Thru-Glass Pull Handle doesn't impede movement in front of walls or glass sidelites as it allows for full door opening access. Supplied with clear gaskets to accommodate door glass from 3/8" to 1/2" (10 to 12 mm) thick. Minimum order is one each.
NOTE : Requires 1-7/8" (48 mm) hole in glass panel for installation. You can use our Cat. No. PDT48MM Diamond Drill to fabricate the proper size hole.

CAT. NO. FP214BS

Universal Spanner Wrench



Use this CRL Universal Spanner Wrench for attaching or loosening Spanners. Kit includes: one adjustable tool, five Metric (1.5, 2, 2.5, 3, and 4 mm) spanner pin sets, five Fractional (1/16", 3/32", 1/8", 5/32", and 3/16") spanner pin sets, and one molded carrying case. Minimum order is one each.

CAT. NO. USW10

Laguna Spanner Wrench



Use this CRL Spanner Wrench as a quick and efficient method to tighten and secure Laguna Series Rollers, Brackets, and Fittings to the glass. Minimum order is one each.

CAT. NO. SW19

Laguna Spanner Head



This CRL Spanner Head is used with your 1/4" drive ratchet wrench to tighten and secure Laguna Series Rollers, Brackets, and Fittings to the glass. Ratchet wrench not included. Minimum order is one each.

CAT. NO. LSSW1

CRL50/51 Series Top Hung Sliding Door Kits

- Kits for Single Doors, Synchronized Doors, and Telescoping Doors
- Many Models Available With Softbrake Braking System
- For Use With 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Mounts to Wall or Ceiling
- No Notches or Holes Required in the Glass
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg)







The CRL50/51 Series Top Hung Sliding Door Kits feature a sleek European design that offers options for wall or ceiling mount for sliding glass doors with or without fixed panels. These top hung kits require no bottom track, and the smooth sliding action allows for finger touch control.

The Upper Clamp and Roller Assemblies offer 1/4" (6 mm) of height adjustment during installation to allow for openings and floors that are not true and level. All Kits come with concealed Roller Stops in the Top Track to hold the door in the open or closed position, plus a small Bottom Guide.

The CRL51 Series Kits come standard with the new "Softbrake" Braking System. With this new addition you never have to worry about the doors slamming open or closed again! The "Softbrake" cushions the opening and closing of the doors gently, quietly, and is virtually unseen.

MORE INFORMATION
crlaurence.com

The "Softbrake" is completely concealed in the top track and engages during the final 4" (102 mm) of travel preventing the glass from impacting the frame or adjacent glass panel (one "Softbrake" is required for each direction of travel to be controlled per panel).

CRL50 Kits are also available with optional 'synchronization' of bi-parting doors where the operation of one panel moves the other. A 'telescoping' option is also available where the panels slide in the same direction and stack away together. You can also enjoy the best of both with our combination 'synchronized' and 'telescoping' options all in one. Kits are available in satin anodized finish with optional covers available in white paint or brite anodized.

Kits contain all necessary hardware to complete the installation. Contact Technical Sales for Commercial Products for assistance with proper kit selection or installation instruction assistance.

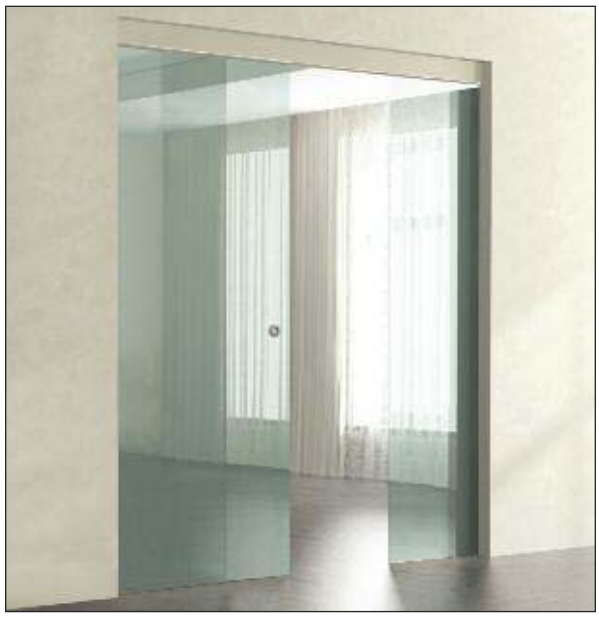
NOTE: Laminated glass should not be used with CRL50/51 Series Kits.





CRL50/51 Series Wall Mount Sliding Door Kits

- 51 Series Features Optional "Softbrake" Braking System
- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Satin Anodized Finish
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 59" (1.5 m)



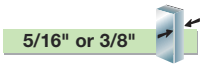
These CRL50/51 Kits are designed for use where top track mounts to a structural wall. Kits come with all the hardware needed to complete the installation, except the glass and door pull.

Kits with the optional "Softbrake" Braking System come with two "Softbrake" kits to control the sliding panel in both directions. Minimum sliding panel width of 31-1/2" (800 mm) for control in both directions of travel. For a detailed listing of components and installation instructions of each kit go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with CRL50/51 Series Kits.

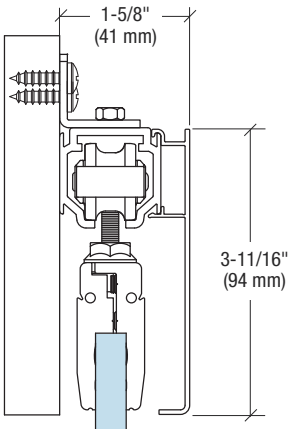
WITH STANDARD STOPS CAT. NO.	WITH SOFTBRAKE CAT. NO.	DESCRIPTION
CRL50	CRL51	Single Sliding Door Kit
CRL501	CRL511	Single Sliding Door With One Sidelite Kit
CRL502	CRL512	Single Sliding Door With Two Sidelites Kit

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier.
Kits can be combined for quantity pricing.

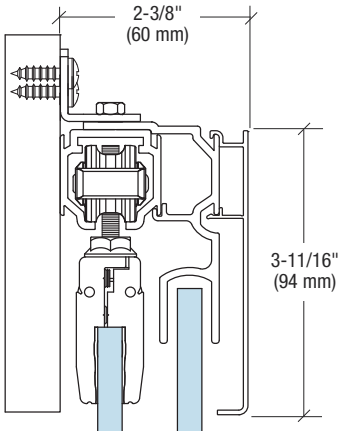
MORE INFORMATION crlaurence.com



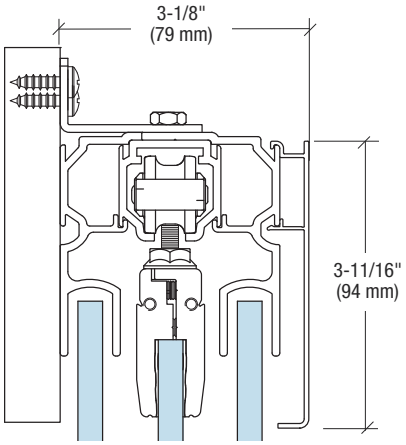




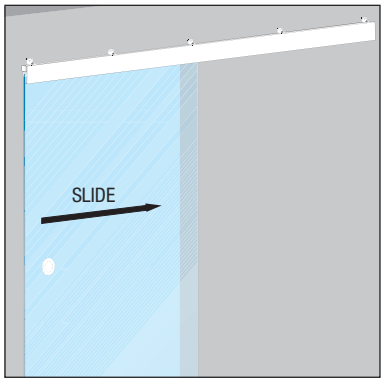
CAT. NO. CRL50/51



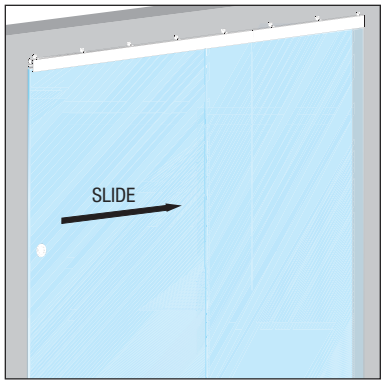
CAT. NO. CRL501/511



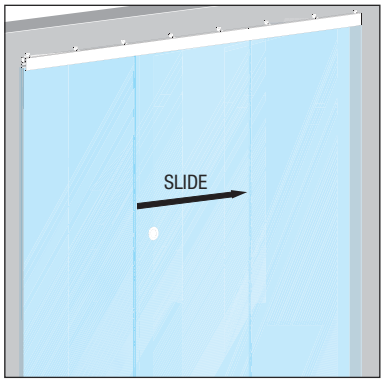
CAT. NO. CRL502/512



Single Sliding Door Kit



SIngle Sliding Door With One Sidelite Kit



Single Sliding Door With Two Sidelites Kit

CRL50/51 Series Ceiling Mount Sliding Door Kits

- 51 Series Features Optional "Softbrake" Braking System
- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Satin Anodized Finish
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 59" (1.5 m)



These CRL50/51 Kits are designed for use where the top track mounts to a structural ceiling. Kits come with all the hardware needed to complete the installation, except the glass and door pull.

Kits with the optional "Softbrake" Braking System come with two "Softbrake" kits to control the sliding panel in both directions. Minimum sliding panel width of 31-1/2" (800 mm) for control in both directions of travel. For a detailed listing of components and installation instructions of each kit go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with CRL50/51 Series Kits.

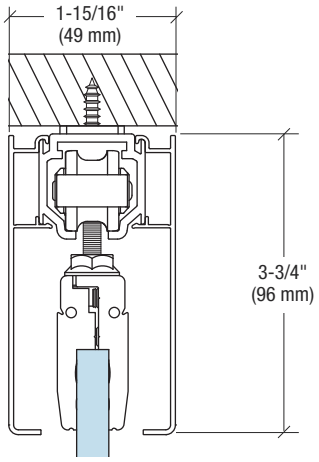
WITH STANDARD STOPS CAT. NO.	WITH SOFTBRAKE CAT. NO.	DESCRIPTION
CRL50C	CRL51C	Single Sliding Door Kit
CRL501C	CRL511C	Single Sliding Door With One Sidelite Kit
CRL502C	CRL512C	Single Sliding Door With Two Sidelites Kit

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

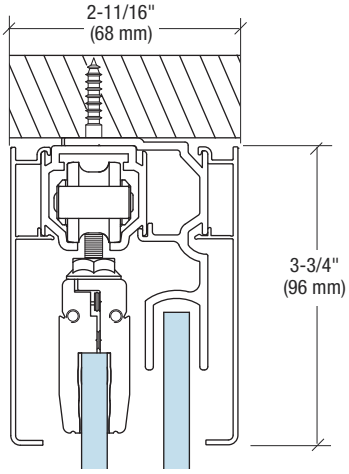
MORE CHOICES crlaurence.com

5/16" or 3/8"

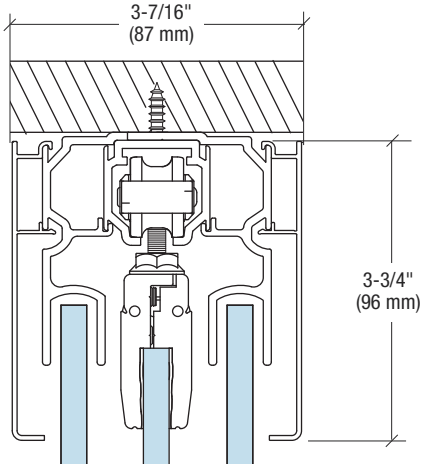
USE MONOLITHIC TEMPERED GLASS



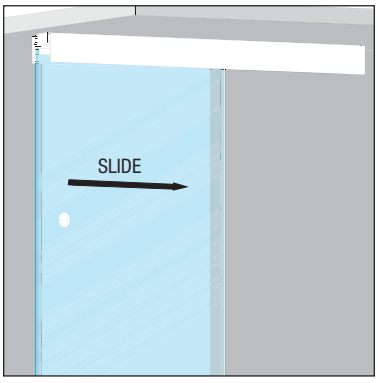
CAT. NO. CRL50C/51C



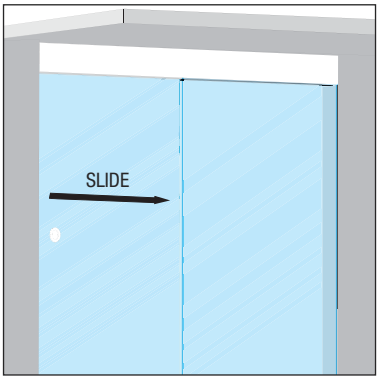
CAT. NO. CRL501C/511C



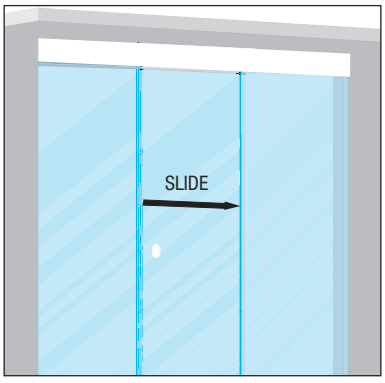
CAT. NO. CRL502C/512C



Single Sliding Door Kit



Single Sliding Door With One Sidelite Kit



Single Sliding Door With Two Sidelites Kit

CRL50 Series Dropped Ceiling Mount Sliding Door Kits

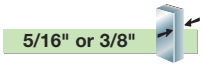
- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Satin Anodized Finish
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 59" (1.5 m)



These CRL50 Kits are designed for use with dropped ceilings. Kits come with all the hardware needed to complete the installation, except the glass and door pull. Satin Anodized Hanger Covers and End Caps supplied with the kits create an optional "full rail" look. For a detailed listing of the components and installation instructions of each kit go to **crlaurence.com/sliding-glass-doors**.
NOTE: Structural support (by others) is also required when using the Dropped Ceiling Tracks; fasteners not included. Laminated glass should not be used with CRL50/51 Series Kits.

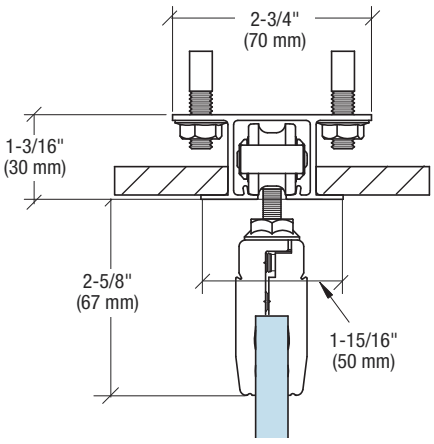
CAT. NO.	DESCRIPTION
CRL50D	Single Sliding Door Kit
CRL501D	Single Sliding Door With One Sidelite Kit

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

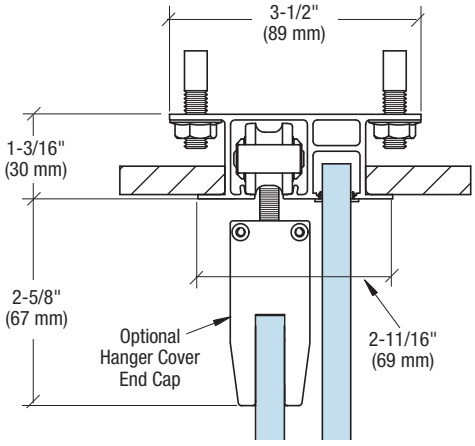


MORE INFORMATION crlaurence.com

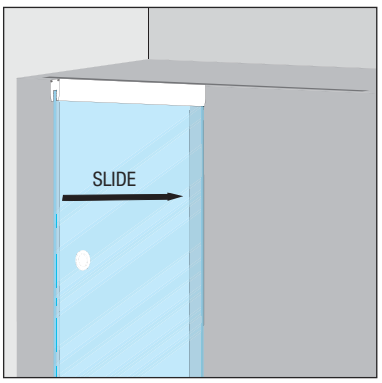




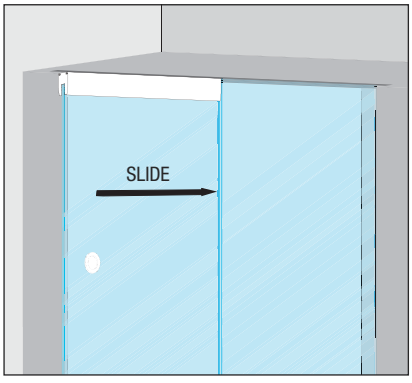
CAT. NO. CRL50D



CAT. NO. CRL501D



Single Sliding Door Kit



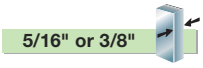
Single Sliding Door With One Sidelite Kit

CRL50 Series Synchronized Wall Mount Bi-Parting Sliding Door Kits



- Synchronized Operation of Two Bi-Parting Panels
- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Satin Anodized Finish
- Rollers Have Up to 1/4" (6 mm) of Vertical Adjustment
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 29-1/2" (750 mm)

MORE CHOICES
crlaurence.com





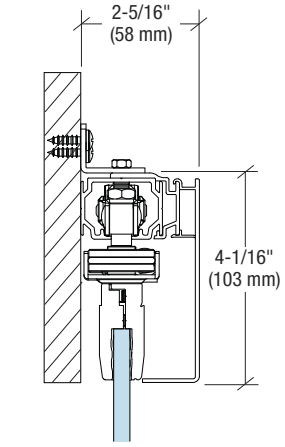
These CRL50 Kits are designed for synchronized movement of two bi-parting panels where the top track is mounted to a structural wall. Kits come with all the hardware needed to complete the installation, except the glass and door pulls.

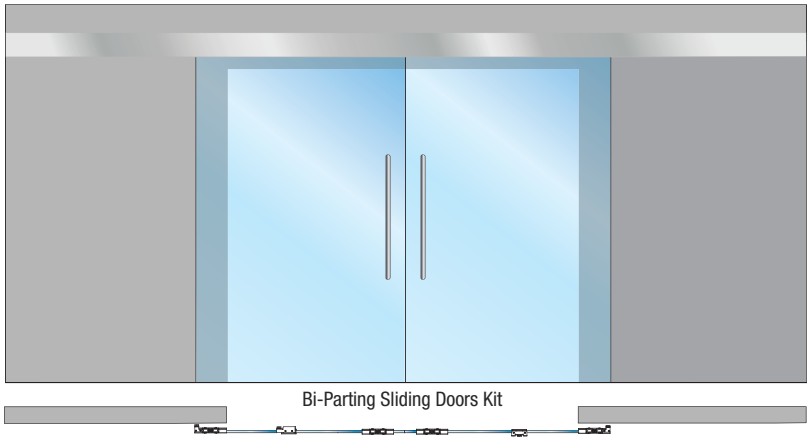
Operation of a single panel moves the other panel in a smooth synchronized fashion. For a detailed listing of the components of each kit go to **crlaurence.com/sliding-glass-doors**.

NOTE: Laminated glass should not be used with CRL50/51 Series Kits.

CAT. NO.	DESCRIPTION
CRL50S2	Bi-Parting Sliding Doors Kit
CRL502S2	Bi-Parting Sliding Doors With Two Sidelites Kit

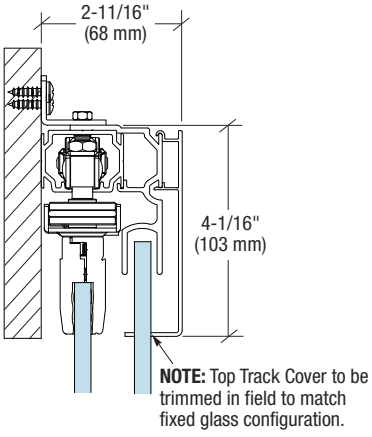
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.



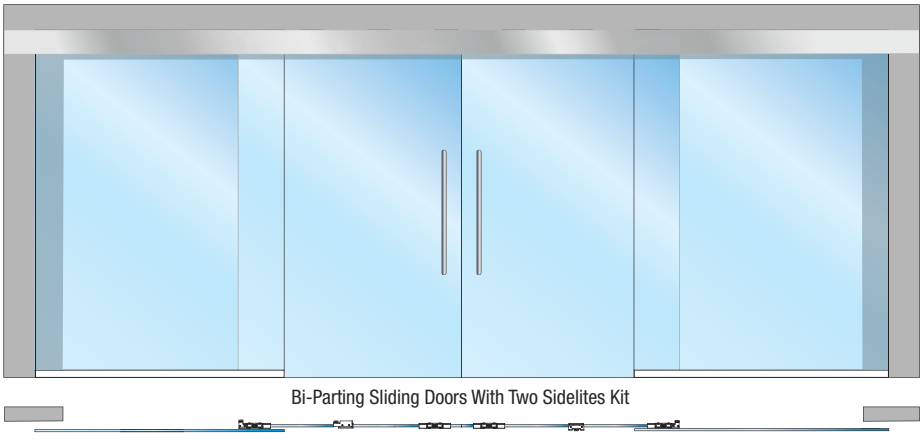


Bi-Parting Sliding Doors Kit

CAT. NO. CRL50S2



NOTE: Top Track Cover to be trimmed in field to match fixed glass configuration.



Bi-Parting Sliding Doors With Two Sidelites Kit

CAT. NO. CRL502S2

CRL50 Series Synchronized Ceiling Mount Bi-Parting Sliding Door Kits

- Synchronized Operation of Two Bi-Parting Panels
- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Satin Anodized Finish
- Rollers Have Up to 1/4" (6 mm) of Vertical Adjustment
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 29-1/2" (750 mm)



These CRL50 Kits are designed for synchronized movement of two bi-parting panels where the top track is mounted to a structural ceiling. Kits come with all the hardware needed to complete the installation, except the glass and door pulls.

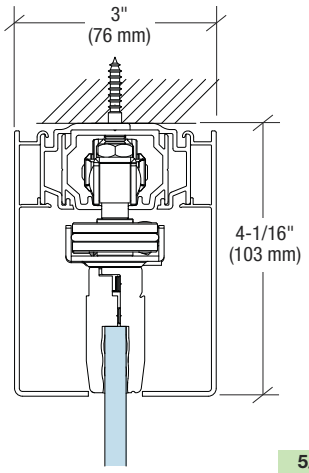
Operation of a single panel moves the other panel in a smooth synchronized fashion. For a detailed listing of the components of each kit go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with CRL50/51 Series Kits.

CAT. NO.	DESCRIPTION
CRL50CS2	Bi-Parting Sliding Doors Kit
CRL502CS2	Bi-Parting Sliding Doors With Sidelites Kit

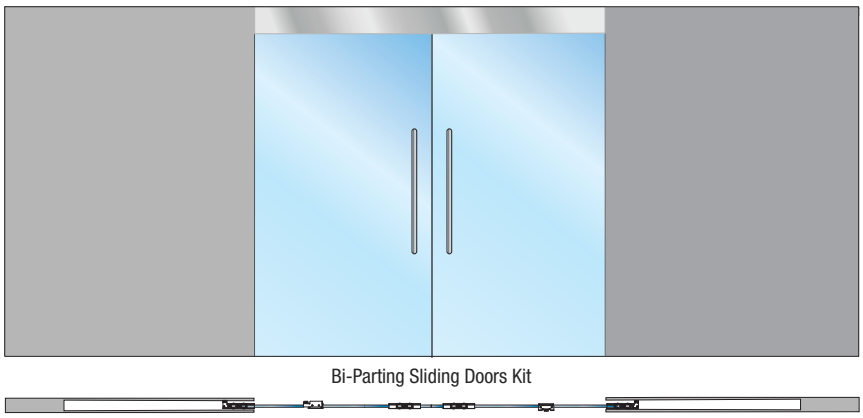
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

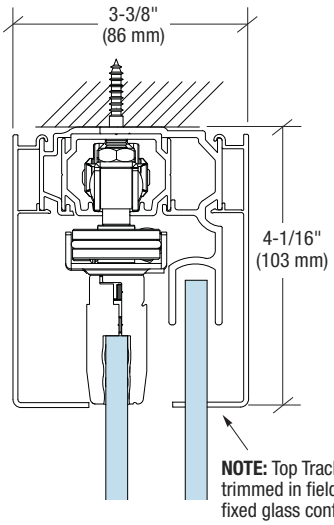


5/16" or 3/8"

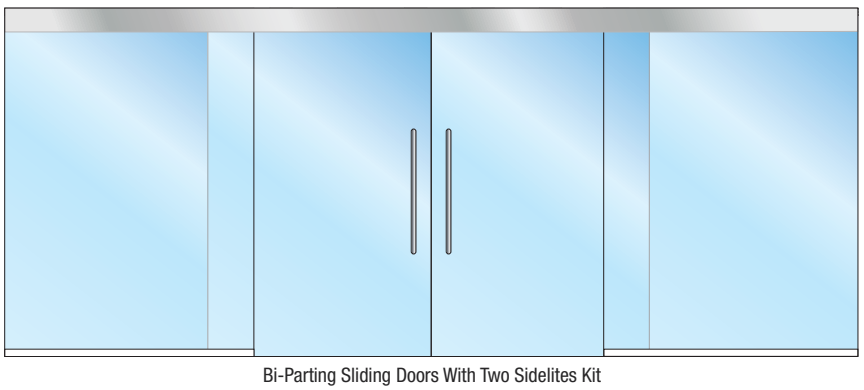


Bi-Parting Sliding Doors Kit

CAT. NO. CRL50CS2



NOTE: Top Track Cover to be trimmed in field to match fixed glass configuration.



Bi-Parting Sliding Doors With Two Sidelites Kit

CAT. NO. CRL502CS2

CRL50 Series Telescoping Ceiling Mount Sliding Door Kits

- **Telescoping Operation for 5/16" or 3/8" (8 or 10 mm) Tempered Glass Doors**
- **Satin Anodized Finish**
- **Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 39-3/8" (1 m)**



There are four configurations of CRL50 Kits for telescoping 5/16" or 3/8" (8 or 10 mm) tempered glass doors. These Kits provide telescoping operation where two panels slide in the same direction and stack away together while only operating one of the panels. These Kits are only available for ceiling mount applications and in a satin anodized finish.

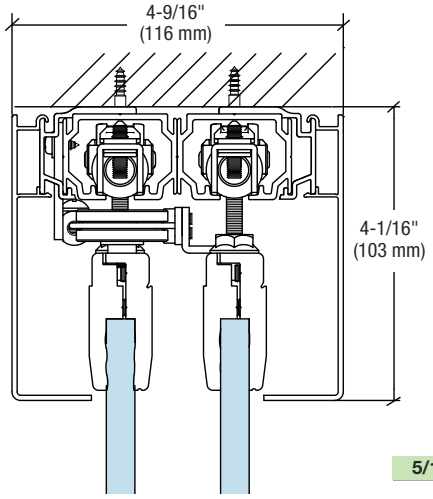
Contact Technical Sales for Commercial Products for Kit selection or installation assistance. For a detailed listing of the components of each kit go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with CRL50/51 Series Kits.

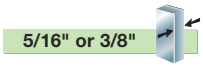
LEFT HAND* CAT. NO.	RIGHT HAND* CAT. NO.	DESCRIPTION
CRL50CP2L	CRL50CP2R	Two Sliding Panels Kit
CRL501CP2L	CRL501CP2R	Two Sliding Panels With Sidelite Kit

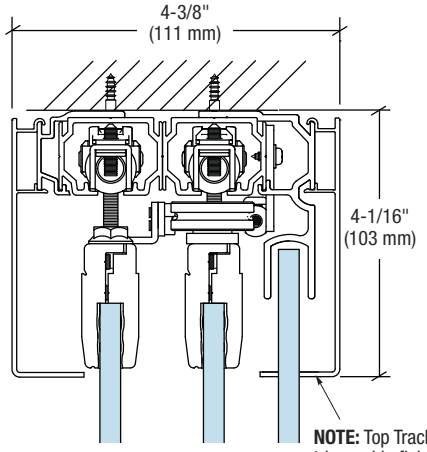
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

MORE CHOICES crlaurence.com

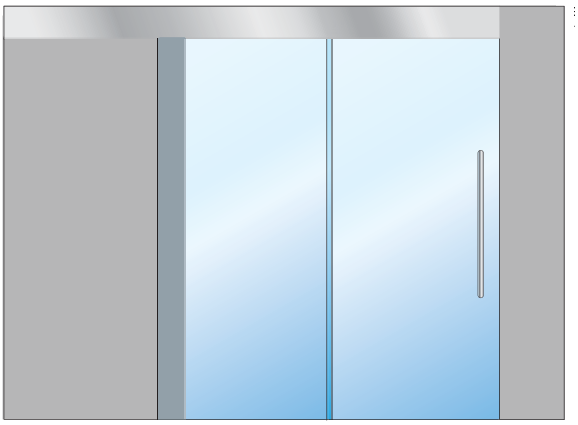
USE MONOLITHIC TEMPERED GLASS







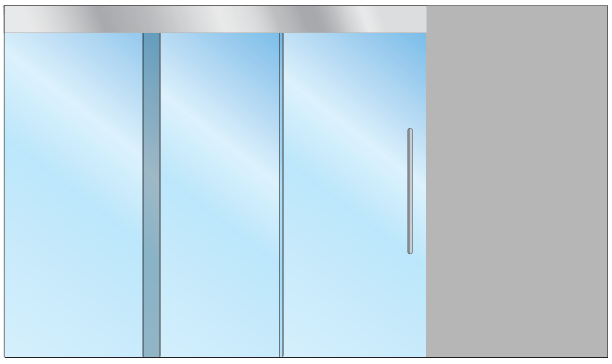
NOTE: Top Track Cover to be trimmed in field to match fixed glass configuration.



Two Sliding Panels Kit



CAT. NO. CRL50CP2L
(Left Stacking Direction Shown)



Two Sliding Panels With Sidelite Kit



CAT. NO. CRL501CP2L
(Left Stacking Direction Shown)

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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL50 Series Synchronized and Telescoping Sliding Door Kit



- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Satin Anodized Finish
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 39-3/8" (1 m)

This CRL50 Kit is designed for synchronized bi-parting movement of two sets of telescoping panels mounted to a structural ceiling. Kits come with all the hardware needed to complete the installation, except the glass and door pulls.

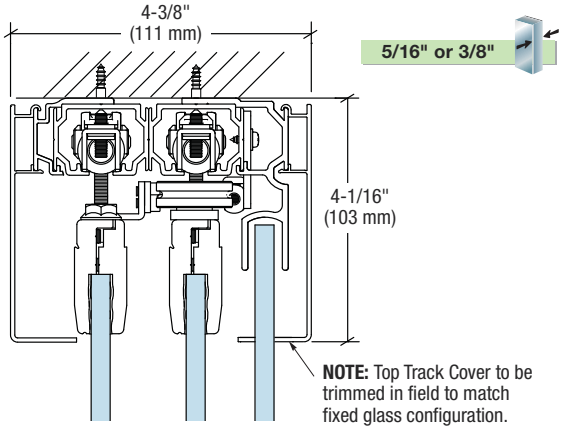
Operation of a single panel moves the other three panels in a smooth synchronized telescopic fashion. For a detailed listing of the components of each kit go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with CRL50/51 Series Kits.

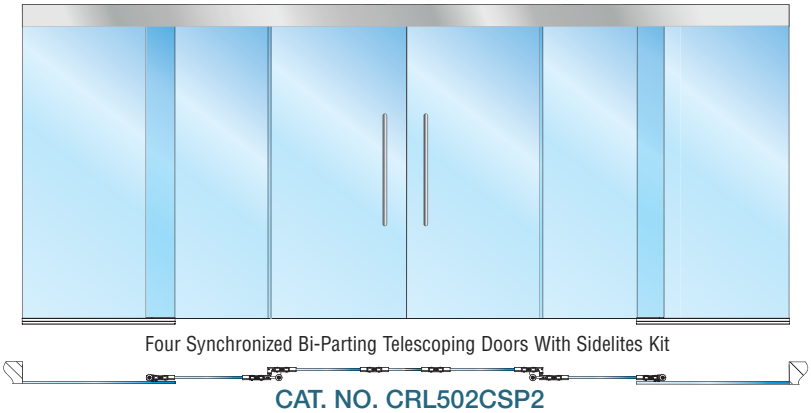
CAT. NO.	DESCRIPTION
CRL502CSP2	Four Synchronized Bi-Parting Telescoping Doors With Sidelites Kit

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS





Four Synchronized Bi-Parting Telescoping Doors With Sidelites Kit

CAT. NO. CRL502CSP2

CRL Technical Assistance

- Auto CAD and Shop Drawings
- Installation Advice
- Detailed Project Quotes

We have added a dedicated Computer Aided Drafting (CAD) Department to our arsenal of Technical Sales and Engineering groups to assist you with drawing submittals and custom design work to land that special project.

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Ask for Commercial Technical Sales
Direct Fax (800) 587-7501 or (323) 584-5289
Direct E-Mail architectural@crlaurence.com

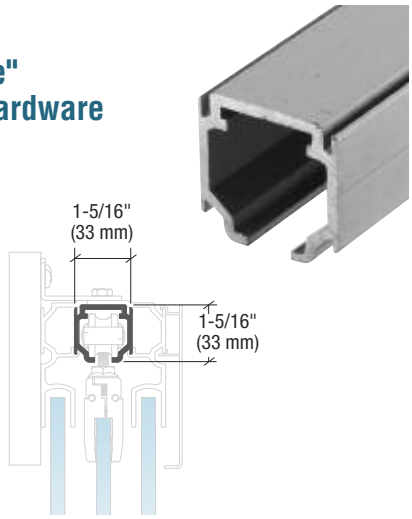
To view or place an order for any CRL product visit our Online Catalog at crlaurence.com

CRL50/51 Series Replacement Components

MORE INFORMATION crlaurence.com

Top Track

- Accepts "Softbrake" Braking System Hardware
- 118" (3 m) Long
- Satin Anodized Finish

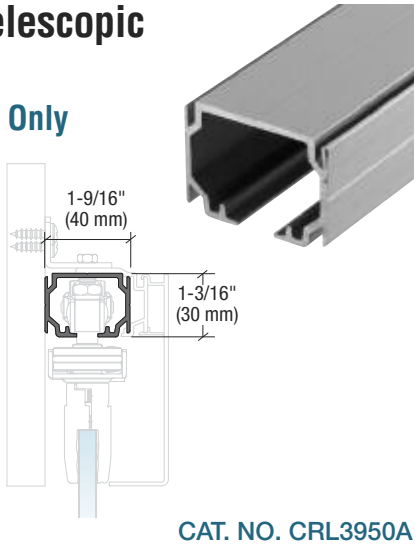


Top Track is predrilled at 8" (203 mm) centers for use with CRL3956 or CRL3957 Support Brackets. Minimum order is one each.
NOTE: Not for use on Synchronized or Telescopic Kits.

CAT. NO. CRL3951A

Synchronized/Telescopic Top Track

- For CRL50 Series Only
- 118" (3 m) Long
- Satin Anodized Finish

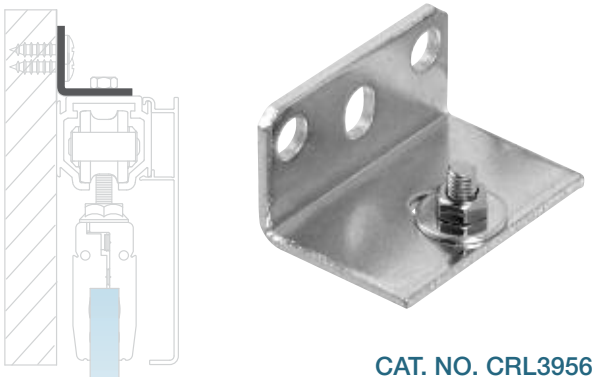


Top Track is predrilled at 8" (203 mm) centers for use with CRL3957 Support Brackets. Can also be mounted to a structural ceiling. Minimum order is one each.
NOTE: Not compatible with "Softbrake" System.

CAT. NO. CRL3950A

Top Track Small Support Bracket

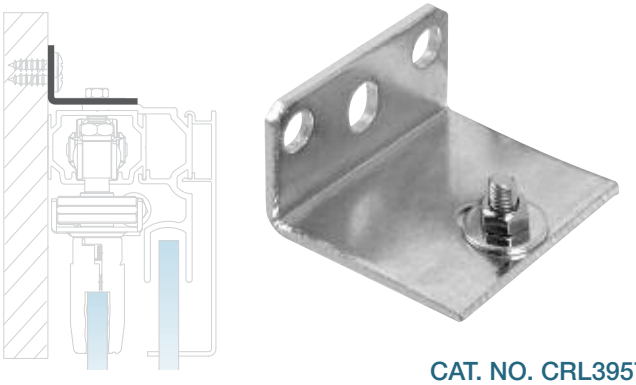
Bracket comes complete with fastener to attach to Top Track. For use on CRL51 and CRL511 Kits. Minimum order is one each.



CAT. NO. CRL3956

Top Track Large Support Bracket

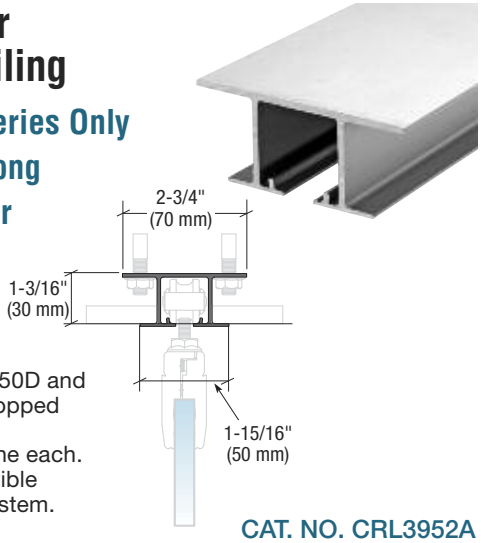
Bracket comes complete with fastener to attach to Top Track. For use on CRL512, CRL50S2, and CRL502S2 Kits. Minimum order is one each.



CAT. NO. CRL3957

Top Track for Dropped Ceiling

- For CRL50 Series Only
- 118" (3 m) Long
- White Powder Coat Finish

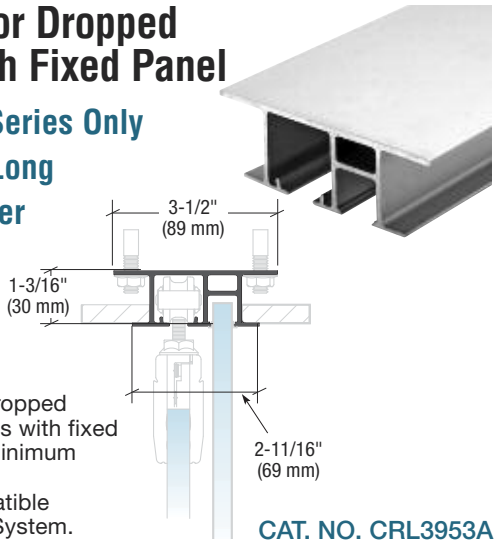


For use with CRL50D and CRL501D Kits in dropped ceiling applications. Minimum order is one each.
NOTE: Not compatible with "Softbrake" System.

CAT. NO. CRL3952A

Top Track for Dropped Ceiling With Fixed Panel

- For CRL50 Series Only
- 118" (3 m) Long
- White Powder Coat Finish



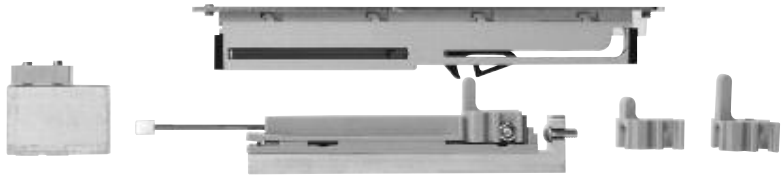
Top Track for dropped ceiling applications with fixed sidelite panels. Minimum order is one each.
NOTE: Not compatible with "Softbrake" System.

CAT. NO. CRL3953A

NOTE: Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

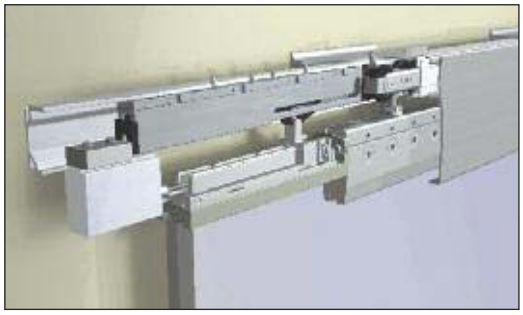
CRL50/51 Series Replacement Components

"Softbrake" Braking System Kit



- Standard Feature on CRL51 Series Only
- Can Also Be Adapted to Most CRL50 Series Kits
- Cushions the Opening and Closing of Sliding Panels

MORE INFORMATION crlaurence.com



CRL51 Series "Softbrake" Braking System comes standard with all CRL51 Series Sliding Door Kits. The "Softbrake" acts during the final 4" (102 mm) of travel and gently cushions the opening and closing of the sliding panel preventing accidental impact against the frame or adjacent panel.

One "Softbrake" is required for each direction of travel to be controlled per panel. Minimum sliding panel width of 25-9/16" (650 mm) for control in a single direction; 31-1/2" (800 mm) for control in both directions of travel. Minimum order is one each.

NOTE: Existing CRL50 installations can be easily upgraded by ordering this kit, except for telescoping and synchonized systems.

CAT. NO. CRL51SBK

Hanger Assembly for Glass Doors

- Accepts "Softbrake" Braking Hardware
- Smooth Rolling

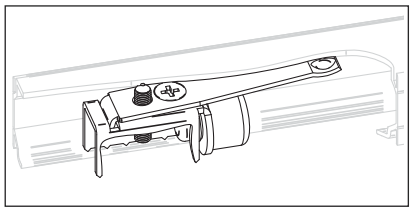


The Hanger Assemblies for glass doors are used in both CRL50 and CRL51 Series Kits. They work with 5/16" or 3/8" (8 or 10 mm) tempered glass and do not require any notches or holes in the glass. They have the ability to be adjusted 1/4" (6 mm) in height. Two Hangers per set. Minimum order is one set.

CAT. NO. CRL3958

Roller Stop

- Positive Stop and Hold





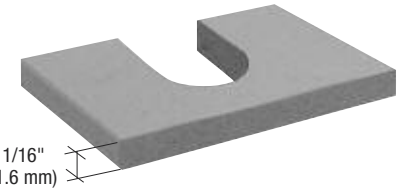
Roller Stops mount inside the Top Track and provide both a positive stop for the sliding panel as well as a hold feature. Minimum order is one each.
NOTE: This Stop is not needed when using the "Softbrake" Braking System.

CAT. NO. CRL3940

Track Separator

Track Separators are used with Cat. No. CRL3950 or CRL3951A Top Track to help ensure uniform shimming during installation. Minimum order is ten each.

- Mill Aluminum Shims for Top Track



CAT. NO. CRL3981

Synchronizing Hardware Set

- For 5/16" to 3/8" (8 to 10 mm) Tempered Glass Doors

Synchronizing Hardware Set is for operating multiple glass panels while only moving one. Each set contains two Clamps, two Roller Stops, and one Cable. Minimum order is one set.
NOTE: For CRL50 Series Kits only.





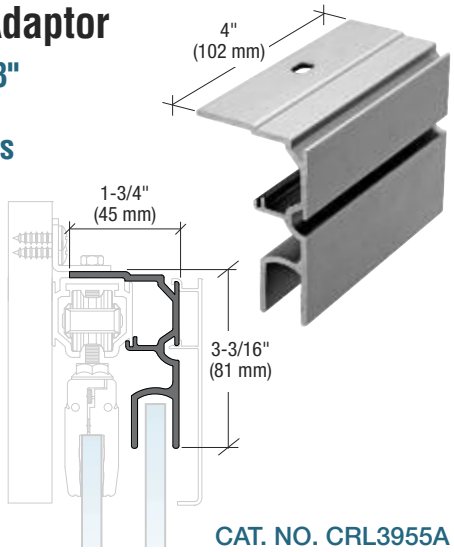
CAT. NO. CRL3985

CRL50/51 Series Replacement Components

MORE INFORMATION crlaurence.com

Fixed Panel Adaptor

- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Satin Anodized Finish

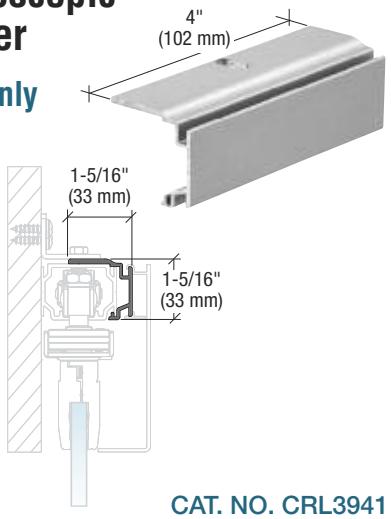


For use with CRL3950A and CRL3951A Top Tracks to provide a top channel for fixed glass sidelites. Pre-drilled for fasteners (not included). Minimum order is one each.

CAT. NO. CRL3955A

Synchronized/Telescopic Track Cover Spacer

- For CRL50 Series Only
- Satin Anodized Finish

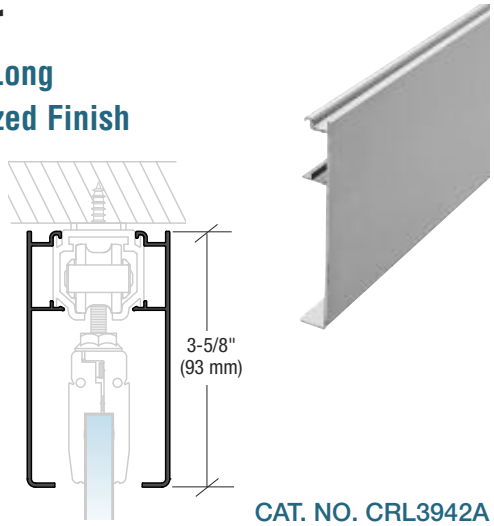


For use with CRL3950A Top Tracks and CRL3954A Track Covers to provide proper spacing and alignment of Track Covers. Pre-drilled for fasteners (not included). Minimum order is one each.

CAT. NO. CRL3941

Track Cover

- 118" (3 m) Long
- Satin Anodized Finish

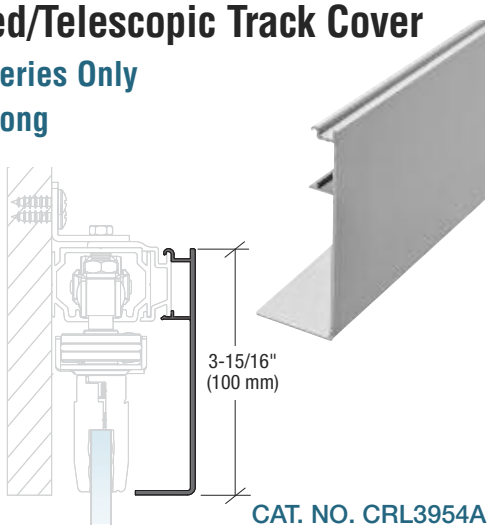


For use with CRL3951A Top Track or CRL3955A Fixed Panel Adaptors. Minimum order is one each.

CAT. NO. CRL3942A

Synchronized/Telescopic Track Cover

- For CRL50 Series Only
- 118" (3 m) Long
- Satin Anodized Finish



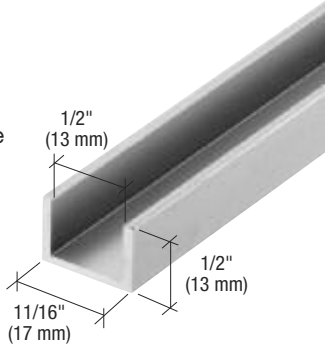
For use with CRL3950A Top Tracks, CRL3955A Fixed Panel Adaptors, or CRL3941 Track Cover Spacers. Minimum order is one each.

CAT. NO. CRL3954A

Bottom Channel for Fixed Glass

- 118" (3 m) Long
- Satin Anodized Finish

Bottom Channel for Fixed Glass is used to capture the fixed sidelite panel at the floor. For 5/16" to 1/2" (8 to 12 mm) tempered glass. Minimum order is one each.

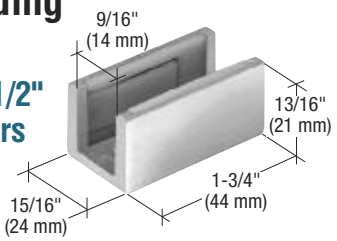


USE MONOLITHIC TEMPERED GLASS

CAT. NO. CRL3979A

Bottom Guide for Sliding Glass Doors

- Adjustable for 5/16" to 1/2" (8 to 12 mm) Glass Doors



Used to keep the bottom of the sliding glass door aligned. Complete with mounting screws. Minimum order is one each.

CAT. NO. CRL3978

Door Edge Guards

- Four Per Pack

Door Edge Guards offer protection between sliding door glass and metal. Four guards protect two door ends. Simply peel off the release liner and apply to glass. Minimum order is one pack.



CAT. NO. CRL2945

NOTE: Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

CRL 50/51 Series Sliding Door Accessories

MORE INFORMATION crlaurence.com

Top Track End Caps

• Satin Anodized Finish

CRL50/51 Series Top Track End Caps give the system a clean, finished look and stabilize the Track Covers. They are made of aluminum with a satin anodized finish. Handed End Caps come two per set.

CAT. NO.	FOR USE WITH
CRL50EC1	CRL50S2 Wall Mount Kit
CRL50EC2	CRL502S2 Wall Mount Kit
CRL51EC1	CRL51 Wall Mount Kit
CRL51EC2	CRL511 Wall Mount Kit
CRL51EC3	CRL512 Wall Mount Kit
CRL51EC4	CRL51C Ceiling Mount Kit

Minimum order: 1 set.



CAT. NO. CRL50EC1



CAT. NO. CRL50EC2



CAT. NO. CRL51EC1



CAT. NO. CRL51EC2



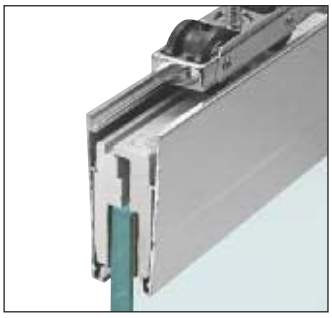
CAT. NO. CRL51EC3



CAT. NO. CRL51EC4

Hanger Covers

• 118" (3 m) Long in Three Finishes





NOTE: Not for use on Synchronized and Telescoping Kits.

CAT. NO.	FINISH
CRL3947W	White
CRL3947BA	Bright Aluminum
CRL3947SA	Satin Anodized

Minimum order: 1 stock length. 118" (3 m) lengths must ship common carrier.

Hanger Cover End Caps

• Gray Plastic



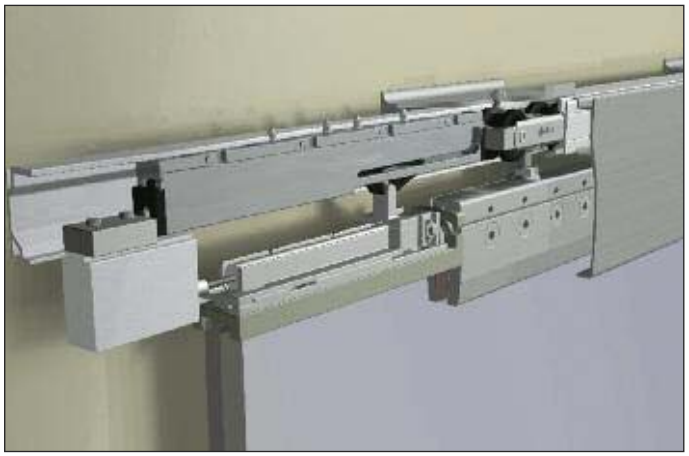


Gray finish plastic; fasteners included. One per package.

CAT. NO.	WORKS WITH
CRL3948	5/16" (8 mm) Glass
CRL3949	3/8" (10 mm) Glass

Minimum order: 1 each.





CRL70 Series Top Hung Sliding Door Kits

- Models for Single and Synchronized Bi-Parting Doors
- For Use With 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Mounts to Wall or Ceiling
- No Notches or Holes Required in the Glass
- Can Accommodate Doors Weighing Up to 275 Pounds (125 kg), Maximum Door Width of 59" (1.5 m)
- Wood Door Kits Also Available (See Below)

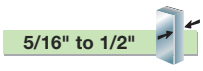




Our CRL70 Series Top Hung Sliding Door Kits feature a modern European design that offers wall or ceiling mount options for 5/16" to 1/2" (8 to 12 mm) thick sliding glass or wood doors, with or without fixed panels. These top hung systems require no bottom track, and the smooth sliding action allows for finger touch control of doors weighing up to 275 pounds (125 kg). The Hanger Assemblies offer 1/4" (6 mm) of height adjustment during installation to allow for openings and floors that are not true and level. Kits come with concealed Roller Stops in the Top Track to hold the door in the open or closed position, a Floor Guide, and a Track Cover in satin anodized finish, with an option for powder paint or cladding in any architectural finish desired.

Contact Technical Sales for Commercial Products for assistance with proper kit selection or installation instruction assistance.

NOTE: Laminated glass should not be used with CRL70 Series Kits.

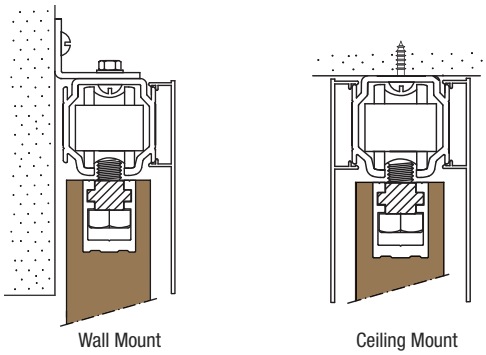






CRL70 Series Wood Door Kit

- Wall or Ceiling Mount for Wood Doors Weighing Up to 275 Pounds (125 kg), Maximum Door Width of 59" (1.5 m)
- Top Hanger is Mortised Into Wood Door



CAT. NO. CRL70W
Minimum order is one each.



This kit is designed for use where the top track mounts to either a structural wall or ceiling. Kit comes with all the hardware needed to complete the installation, except the wood door and pull. For a detailed listing of the components of this kit go to **crlaurence.com/sliding-wood-doors**.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL70 Series Wall Mount Sliding Door Kits

USE MONOLITHIC TEMPERED GLASS

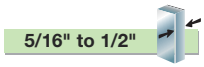
- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Satin Anodized Finish
- Can Accommodate Doors Weighing Up to 275 Pounds (125 kg), Maximum Door Width of 59" (1.5 m)



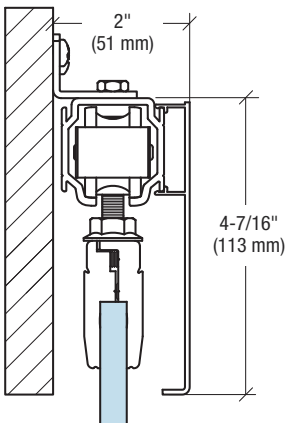
CRL70 Kits are designed for use where the top track mounts to a structural wall. Kits come with all the hardware needed to complete the installation, except the glass and door pull. For a detailed listing of the components of each kit go to **crlaurence.com/sliding-glass-doors**. **NOTE**: Laminated glass should not be used with CRL70 Series Kits.

CAT. NO.	DESCRIPTION
CRL70	Single Sliding Door Kit
CRL701	Single Sliding Door With One Sidelite Kit
CRL702	Single Sliding Door With Two Sidelites Kit

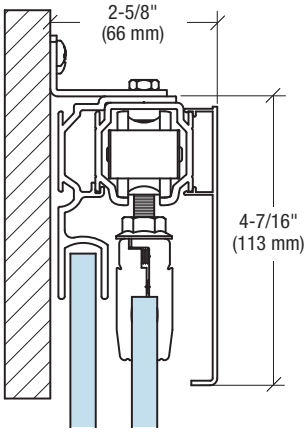
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.



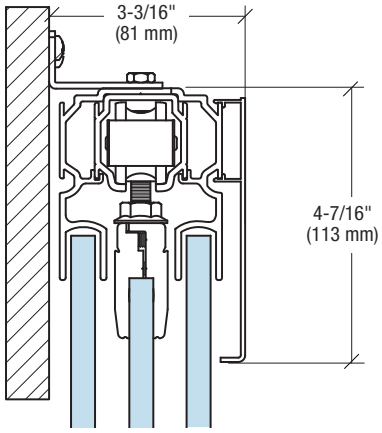
MORE INFORMATION crlaurence.com



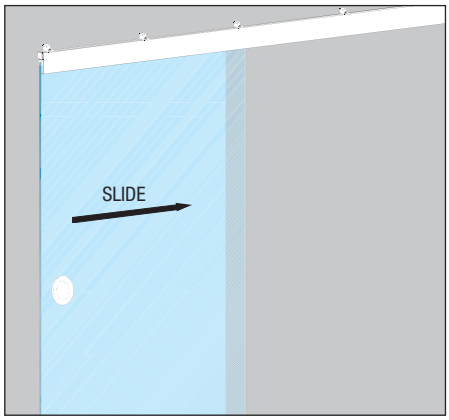
CAT. NO. CRL70



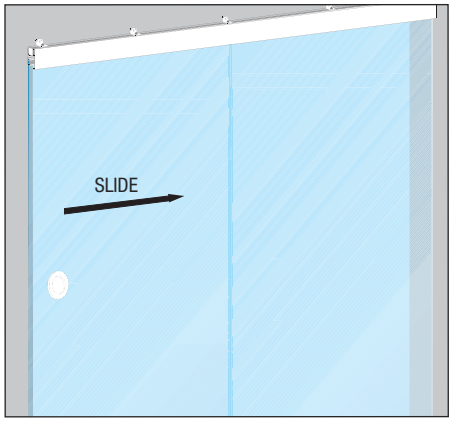
CAT. NO. CRL701



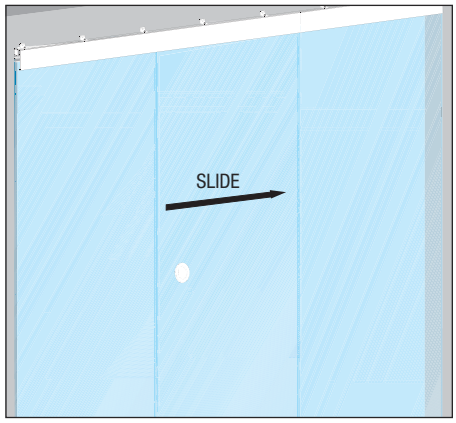
CAT. NO. CRL702



Single Sliding Door Kit



Single Sliding Door With One Sidelite Kit



Single Sliding Door With Two Sidelites Kit

CRL70 Series Ceiling Mount Sliding Door Kits





- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Satin Anodized Finish
- Can Accommodate Doors Weighing Up to 275 Pounds (125 kg), Maximum Door Width of 59" (1.5 m)

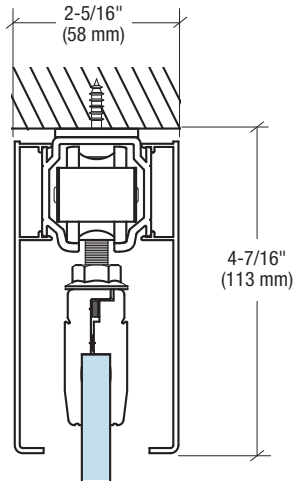


These CRL70 Kits are designed for use where the top track mounts to a structural ceiling. Kits come with all the hardware needed to complete the installation, except the glass and door pull. For a detailed listing of the components of each kit go to **crlaurence.com/sliding-glass-doors**. **NOTE:** Laminated glass should not be used with CRL70 Series Kits.

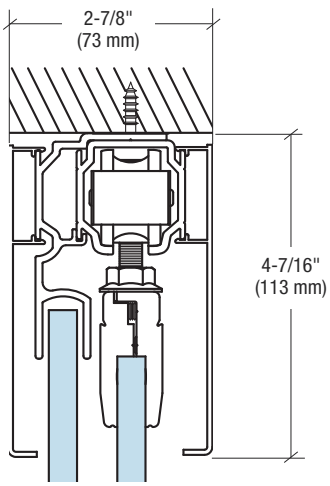
CAT. NO.	DESCRIPTION
CRL70C	Single Sliding Door Kit
CRL701C	Single Sliding Door With One Sidelite Kit
CRL702C	Single Sliding Door With Two Sidelites Kit

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

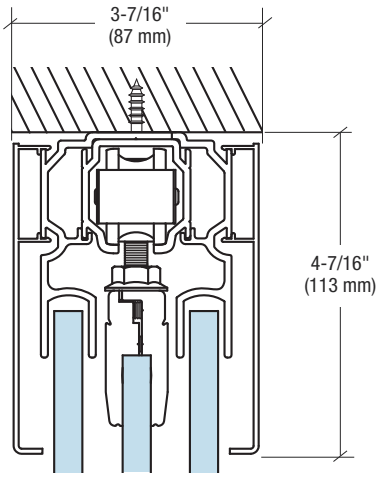
MORE INFORMATION crlaurence.com



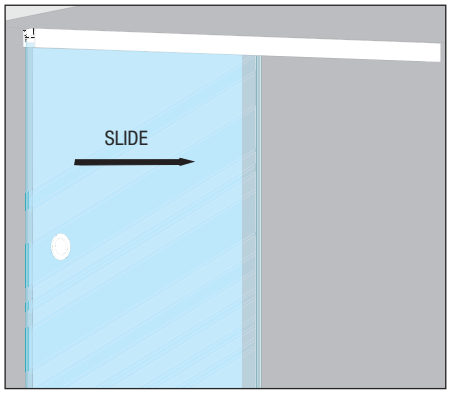
CAT. NO. CRL70C



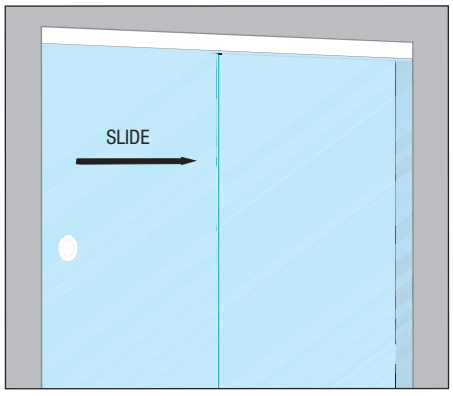
CAT. NO. CRL701C



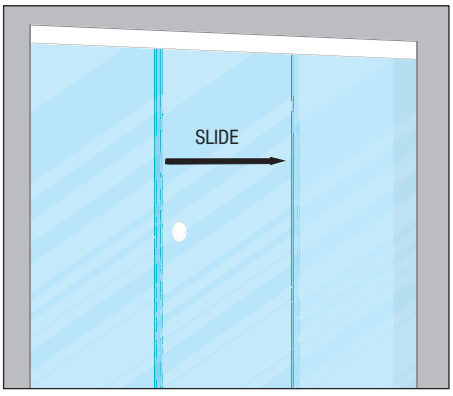
CAT. NO. CRL702C



Single Sliding Door Kit



Single Sliding Door With One Sidelite Kit



Single Sliding Door With Two Sidelites Kit

CRL70 Series Synchronized Bi-Parting Sliding Door Kits

- **Wall and Ceiling Mount Kits Available for 5/16" to 1/2" (8 to 12 mm) Tempered Glass**
- **Satin Anodized Finish**
- **Can Accommodate Doors Weighing Up to 275 Pounds (125 kg), Maximum Door Width of 29-1/2" (750 mm)**



These kits are designed for synchronized movement of two bi-parting panels where top track mounts to a structural ceiling. They come with all the hardware needed to complete the installation, except the glass. For a detailed listing of the components of each kit go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with the CRL70 Series Kits.

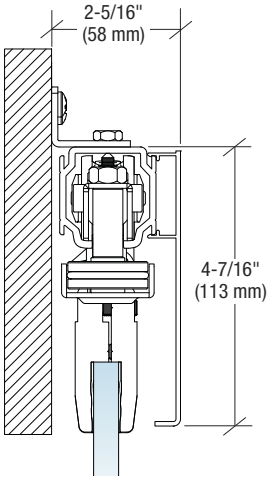
CAT. NO.	DESCRIPTION
CRL70S2	Wall Mount Bi-Parting Slider Kit
CRL70CS2	Ceiling Mount Bi-Parting Pocket Slider Kit

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

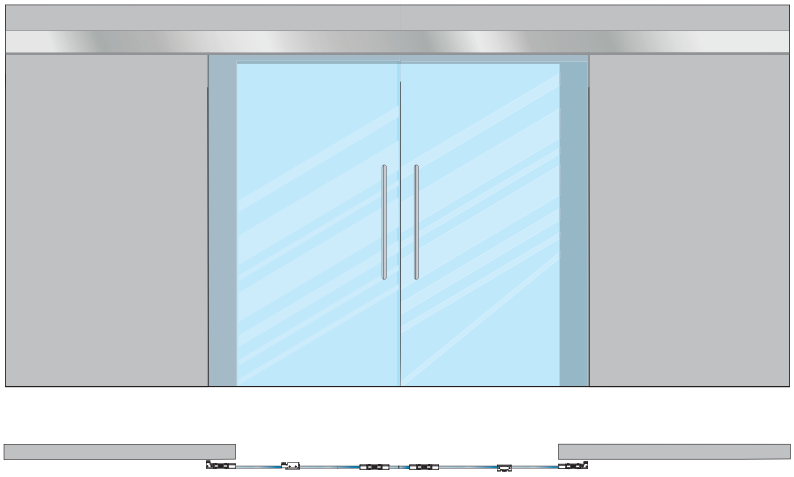
MORE CHOICES crlaurence.com



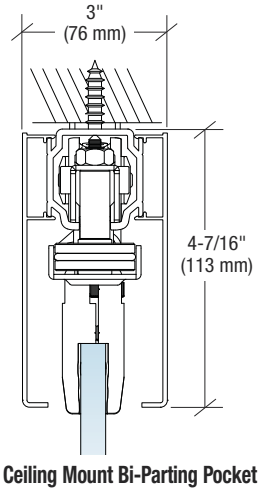
USE MONOLITHIC TEMPERED GLASS



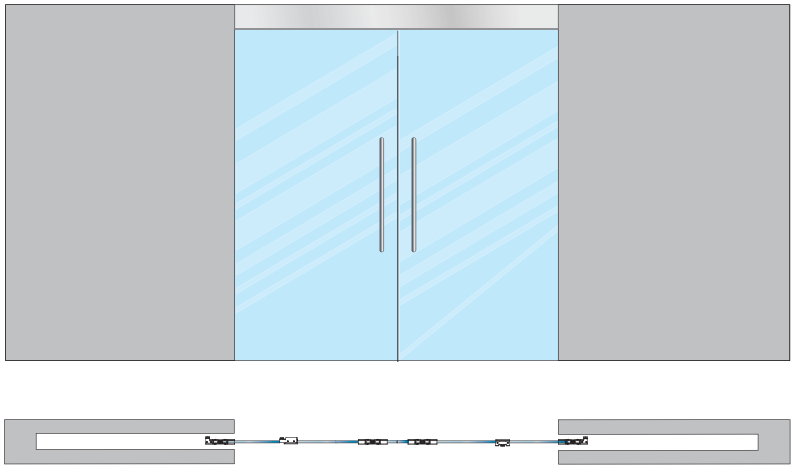
Synchronized Wall Mount Bi-Parting Slider Kit



CAT. NO. CRL70S2



Synchronized Ceiling Mount Bi-Parting Pocket Slider Kit



CAT. NO. CRL70CS2

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Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL70 Series Replacement Components

MORE INFORMATION crlaurence.com

Hanger Assembly for Glass Doors

- Smooth Rolling Tandem Rollers for 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Features 1/4" (6 mm) Height Adjustment
- 275 Pounds (125 kg) Maximum Weight Capacity Per Set



CAT. NO. CRL3986
Minimum order is one set

Hanger Assembly for Wood Doors

- Mortised Design
- Features 1/4" (6 mm) Height Adjustment
- 275 Pounds (125 kg) Maximum Weight Capacity Per Set

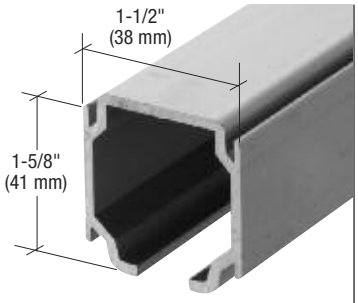


CAT. NO. CRL3988
Minimum order is one set

Top Track

- 118" (3 m) Long
- Satin Anodized Finish

Made of aluminum with a satin anodized finish. Pre-drilled for 3/16" (5 mm) fasteners (not included) at 8" (203 mm) centers. Minimum order is one each. Optional Snap-On Track Covers must be ordered separately.

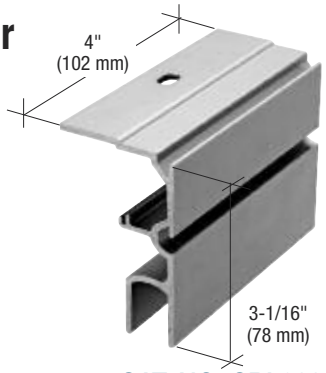


CAT. NO. CRL3980A

Fixed Panel Adaptor

- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Satin Anodized Finish

Used with CRL3980A Top Track to provide a top channel for fixed glass sidelites. Minimum order is one each.

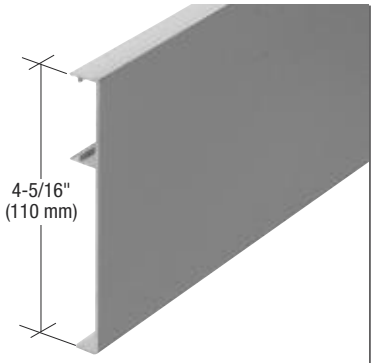


CAT. NO. CRL3984A

Track Cover for Glass Doors

- 118" (3 m) Long
- Satin Anodized Finish

Used with CRL3980A or CRL3984A to conceal the Hanger Assemblies. Minimum order is one each.

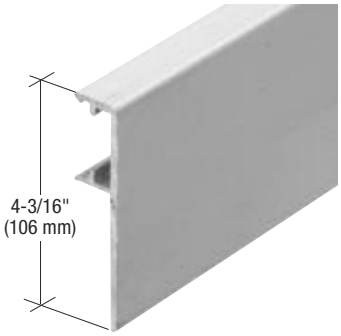


CAT. NO. CRL3982A

Track Cover for Wood Doors

- 118" (3 m) Long
- Satin Anodized Finish

Designed for use with CRL3980A Top Track to conceal the gap above the door. Minimum order is one each.



CAT. NO. CRL3983A

Top Track Small Support Bracket

- Used to Attach CRL3980A Top Track to Face of Wall or Soffit

For use on the following Kits: CRL70, CRL70S2, and CRL70W. Includes fastener to attach to Top Track. Minimum order is one each.



CAT. NO. CRL3995

Top Track Large Support Bracket

- Used With Wall Mount Slider With Fixed Panels Only

For use on the following Kits: CRL701 and CRL702. Includes fastener to attach to Top Track. Minimum order is one each.



CAT. NO. CRL3996

NOTE: Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

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CRL70 Series Replacement Components

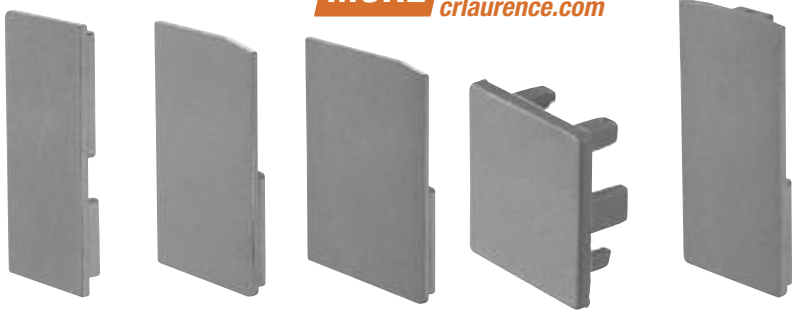
MORE INFORMATION crlaurence.com

Top Track End Caps

- Satin Anodized Finish
- Two Caps Per Set

CAT. NO.	FOR USE WITH
CRL70EC1	CRL70 Wall Mount Kit
CRL70EC2	CRL701 Wall Mount Kit
CRL70EC3	CRL702 Wall Mount Kit
CRL70EC4*	CRL70W Wood Door Kit
CRL70EC5	CRL70C Ceiling Mount Kit

Minimum order: 1 each. * Made of gray color plastic.

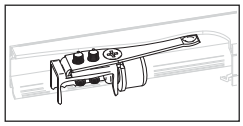


CAT. NO. CRL70EC1 | CAT. NO. CRL70EC2 | CAT. NO. CRL70EC3 | CAT. NO. CRL70EC4* | CAT. NO. CRL70EC5

Roller Stop

- Provides a Positive Stop for the Sliding Panel

Roller Stops mount inside Cat. No. CRL3980A Top Track and provide both a positive stop for the sliding panel as well as a hold feature. Stop position is easily adjusted after installation. Each Stop comes complete with fastener to secure in Top Track. Two Stops are required per sliding panel. Minimum order is one each.

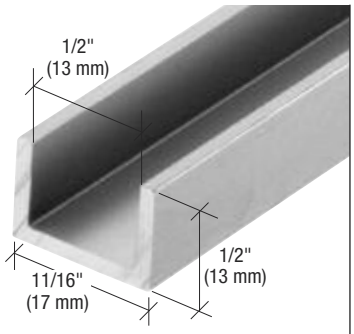




CAT. NO. CRL3992

Bottom Channel for Fixed Glass

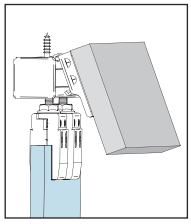
- 118" (3 m) Long
- Satin Anodized Finish



Bottom Channel for Fixed Glass is used to capture the fixed sidelite panel at the floor. For 5/16" to 1/2" (8 to 12 mm) tempered glass. Minimum order is one each. Must ship common carrier

CAT. NO. CRL3979A

Top Track Trim Cover Support



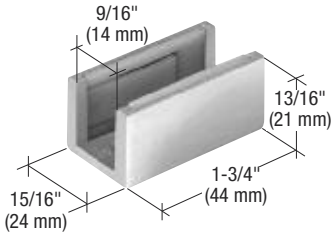


This steel Trim Cover Support clamps onto sides of Top Track or Fixed Panel Adaptor to provide attachment of customer supplied covers. Quantity required determined by customer based on cover design. Fasteners for covers not included. Minimum order is one each.

CAT. NO. CRL3990

Bottom Guide for Sliding Glass Doors

- Adjustable for 5/16" to 1/2" (8 to 12 mm) Glass Doors



Used to keep the bottom of the sliding glass door aligned. Complete with mounting screws. Minimum order is one each.

CAT. NO. CRL3978

Bottom Guide for Sliding Wood Doors

- Keeps Wood Doors Aligned



Complete with mounting screws. Minimum order is one each.

CAT. NO. CRL3999

Door Edge Guards

- Four Per Pack

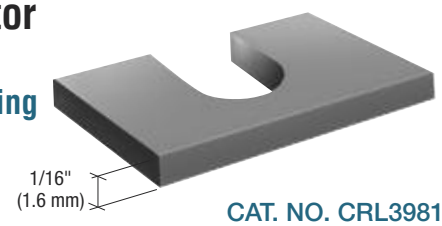
Door Edge Guards offer protection between sliding door glass and metal. Four guards protect two door ends. Simply peel off the release liner and apply to glass. Minimum order is one pack.



CAT. NO. CRL2945

Track Separator

- Assists With Shimming During Installation
- Made of Mill Aluminum



CAT. NO. CRL3981
Minimum order is 10 each

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CRL EZ-Slide 80 Top Hung Single Track Sliding Door Kit

- **This Kit is for 5/16" to 3/8" (8 to 10 mm) Tempered Glass**
- **No Notches or Holes Needed in the Glass for Installation**
- **Rated for Panels Weighing Up to 176 Pounds (80 kg)**



MORE CHOICES
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The CRL EZ-Slide 80 Top Hung Single Track Sliding Door Kit is an easy to install and cost effective solution to adding 'all-glass' sliding doors in commercial or residential applications.

The only glass fabrication required is to polish the edges. If handles or knobs are desired, holes will be required for their mounting. Optional break metal covers are available on special order to help conceal the operating hardware.

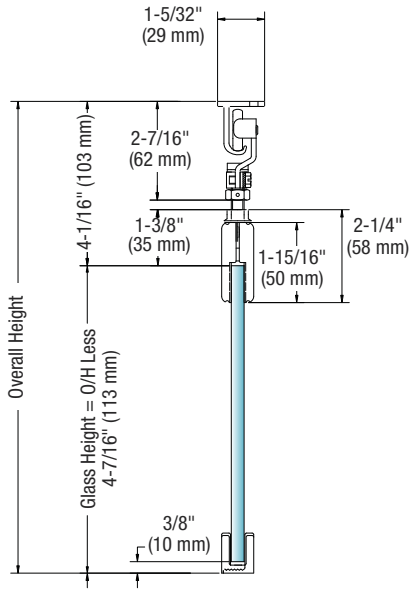
Everything (except the tempered glass and pull hardware) to complete a single panel slider application is available in our easy to order Kit, and comes with all the items shown below. Pull hardware is sold separately.

NOTE: The EZ-Slide System is not designed for use in shower or steam room applications and should not be used with laminated glass.

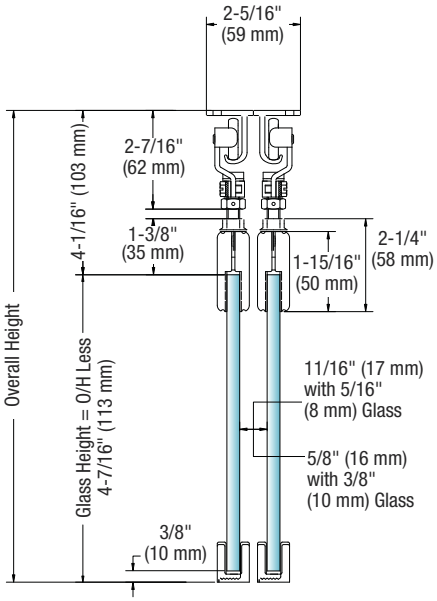
For more information on this versatile and easy to install system, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

CAT. NO.	FOR GLASS THICKNESS
CRL3301	5/16" to 3/8" (8 to 10 mm)

Minimum order: 1 each. Kit contains stock lengths measuring 158" (4 m) in length, and therefore must ship common carrier.



Typical Single Slider Application
Using One Cat. No. CRL3301 Kit



Typical Bi-Pass Application
Using Two Cat. No. CRL3301 Kits

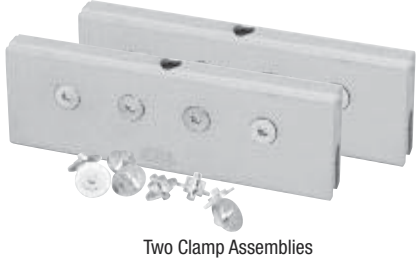
Each Kit Contains:



One Top Track at 158" (4 m) in length



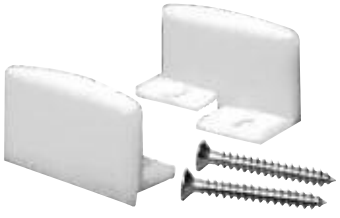
Two Top Rollers and Stops



Two Clamp Assemblies



Two Regulator Bolts



One Bottom Guide



See Pages CH096 and CH237 for Optional Pull Hardware Not Included in Kit

CRL EZ-Slide 80 System Replacement Components

MORE INFORMATION crlaurence.com

Top Track

• Pre-Drilled, Ready to Mount

CRL EZ-Slide 80 Top Track is made of 6063-T6 Alloy Aluminum with a dark bronze anodized finish. It comes in 158" (4 m) stock lengths pre-drilled for #10 (4 mm) fasteners at 9-13/16" (250 mm) centers. Fasteners are not included. Minimum order is one stock length. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them down for U.P.S. A cutting charge will apply. **NOTE:** Optional break metal covers are available on special order to help conceal the track and operating hardware.



CAT. NO. CRL3319

Rollers and Stops

• Panels Up to 176 Pounds (80 kg)

CRL EZ-Slide 80 Rollers and Stops are designed for use with the CRL EZ-Slide 80 Top Track. A pair of Rollers will provide smooth, silent operation. The Stops, complete with rubber bumpers, can be set and secured at any location along the Top Track. Each pack contains two Rollers and two Stops. Minimum order is one pack.



CAT. NO. CRL3924

Regulator Bolts

• Allow Easy Adjustment Without Removing Panels

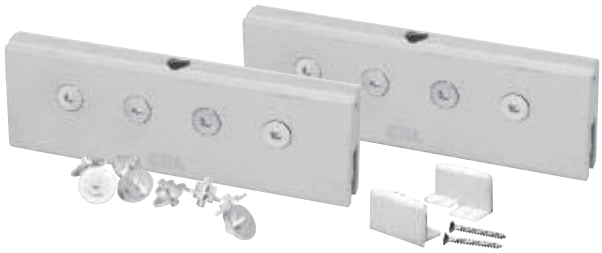
CRL EZ-Slide 80 Regulator Bolts allow easy height and alignment adjustments to be made while the panels remain hanging from the Top Track. Each pack contains two Regulator Bolts. Minimum order is one pack.



CAT. NO. CRL3325

Clamps and Bottom Guide

• No Drilling or Notching Required



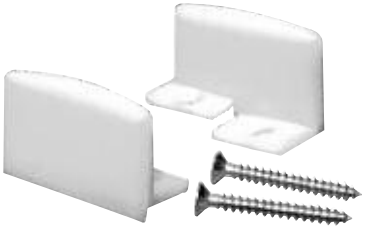
CRL EZ-Slide 80 Clamps and Bottom Guide are easily converted for use with 5/16" (8 mm) or 3/8" (10 mm) tempered glass. A pair of Clamps is rated for panels that weigh up to 176 pounds (80 kg). They grip the glass with precision-controlled pressure. No drilling or notching of the glass is required. Each pack contains two Clamps, Screws, and one nylon Bottom Guide. Minimum order is one pack.

CAT. NO. CRL3926

Bottom Guide

• Works With EZ-Slide 80/180 Kits

CRL EZ-Slide 80/180 Bottom Guides are made from durable and long-lasting nylon that will provide years of reliable service. The two-part construction allows it to be adjusted for 5/16" (8 mm), 3/8" (10 mm), or 1/2" (12 mm) glass thickness. Each Bottom Guide pack comes complete with mounting screws. Minimum order is one pack.



CAT. NO. CRL3938

Optional Pull Hardware



CRL Thru-Glass Pull
Cat. No. FP214BS
see page CH237



CRL SGH8 Series Frameless Sliding Door Handle
see page CH096

CRL EZ-Slide 180 Top Hung Single Track Sliding Door Kit

- **This Kit is for 3/8" to 1/2" (10 to 12 mm) Tempered Glass**
- **No Notches or Holes Needed in the Glass for Installation**
- **Rated for Panels Weighing Up to 396 Pounds (180 kg)**



MORE CHOICES
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The heavy-duty CRL EZ-Slide 180 Top Hung Single Track Sliding Door Kit is an easy to install and cost effective solution to adding 'all-glass' sliding doors in commercial or residential applications.

The only glass fabrication required is to polish the edges. If handles or knobs are desired, holes will be required for their mounting. Optional break metal covers are available on special order to help conceal the operating hardware.

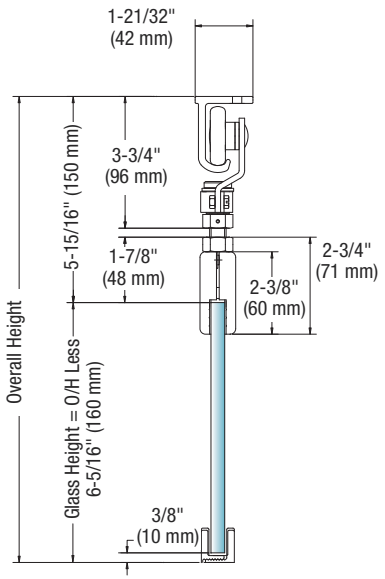
Everything (except the tempered glass and pull hardware) to complete a single panel slider application is available in our easy to order Kit, and comes with all the items shown below. Pull hardware is sold separately.

NOTE: The EZ-Slide System is not designed for use in shower or steam room applications and should not be used with laminated glass.

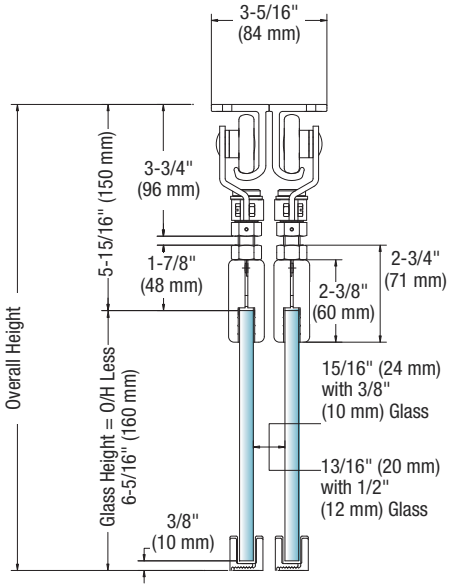
For more information on this versatile and easy to install system, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

CAT. NO.	FOR GLASS THICKNESS
CRL3601	3/8" to 1/2" (10 to 12 mm)

Minimum order: 1 each. Kit contains stock length measuring 158" (4 m) in length, and therefore must ship common carrier.



Typical Single Slider Application
Using One Cat. No. CRL3601 Kit



Typical Bi-Pass Application
Using Two Cat. No. CRL3601 Kits

Each Kit Contains:



One Top Track at 158" (4 m) in length



Two Top Rollers and Stops



Two Clamp Assemblies



Two Regulator Bolts



One Bottom Guide



See Pages CH096 and CH237 for Optional Pull Hardware Not Included in Kit

CRL EZ-Slide 180 System Replacement Components

MORE INFORMATION crlaurence.com

Top Track

- Pre-Drilled, Ready to Mount

CRL EZ-Slide 180 Top Track is made of 6063-T6 Alloy Aluminum with a dark bronze anodized finish. It comes in 158" (4 m) stock lengths that are pre-drilled for #12 (5 mm) fasteners at 4-13/16" (122 mm) centers. Fasteners are not included. Minimum order is one stock length. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.
NOTE: Optional break metal covers are available on special order to help conceal the track and operating hardware.



CAT. NO. CRL3611

Rollers and Stops

- Panels Up to 396 Pounds (180 kg)

The CRL EZ-Slide 180 Rollers and Stops are designed for use with the CRL EZ-Slide 180 Top Track. A pair of Rollers will provide smooth, silent operation. The Stops, complete with rubber bumpers, can be set and secured at any location along the Top Track. Each pack contains two Rollers and two Stops. Minimum order is one pack.



CAT. NO. CRL3927

Regulator Bolts

- Allow Easy Adjustment Without Panel Removal

The CRL EZ-Slide 180 Regulator Bolt allows easy height and alignment adjustments to be made while the panels remain hanging from the Top Track.
Each pack contains two Regulator Bolts. Minimum order is one pack.



CAT. NO. CRL3928

Clamps and Bottom Guide

- No Drilling or Notching Required



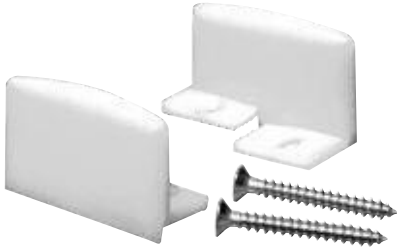
CRL EZ-Slide 180 Clamps and Bottom Guide are easily converted for use with 3/8" (10 mm) or 1/2" (12 mm) tempered glass. A pair of Clamps is rated for panels that weigh up to 396 pounds (180 kg). They grip the glass with precision-controlled pressure. No drilling or notching of the glass is required. Each pack contains two Clamps, Screws, and one nylon Bottom Guide. Minimum order is one pack.

CAT. NO. CRL3929

Bottom Guide

- Works With EZ-Slide 80/180 Kits

CRL EZ-Slide 80/180 Bottom Guides are made from durable and long-lasting nylon that will provide years of reliable service.
The two-part construction allows it to be adjusted for 5/16" (8 mm), 3/8" (10 mm), or 1/2" (12 mm) glass thickness. Each Bottom Guide pack comes complete with mounting screws. Minimum order is one pack.



CAT. NO. CRL3938

Optional Pull Hardware



CRL Thru-Glass Pull
Cat. No. FP214BS
see page CH237



CRL SGH8 Series Frameless Sliding Door Handle
see page CH096

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Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL280/285 Series Top Hung Sliding Door Kits

- Mount to Structural Ceiling or Wall
- Available With or Without "Softbrake" Braking System
- Designed for Use With 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Rated for Doors Weighing Up to 176 Pounds (80 kg)
- No Notches or Holes Required in the Glass for Installation
- Satin Anodized and Brushed Stainless Anodized Finishes Available







Partitions featuring 'all-glass' top hung sliding doors are reliable, versatile, and easy to install. These CRL280/285 Series Kits are no exception. Designed for use with 5/16" to 1/2" (8 to 12 mm) tempered glass, they can accommodate doors weighing up to 176 pounds (80 kg) and 59" (1.5 m) wide.

CRL280 Series Kits boast these features: sleekly designed ceiling or glass mount versions, no bottom track, smooth "finger touch" control, and no holes or notches required in the glass. The Upper Clamp and Roller Assemblies have 1/4" (6 mm) of fine tune height adjustment after installation to allow for openings and floors that are not true and level.

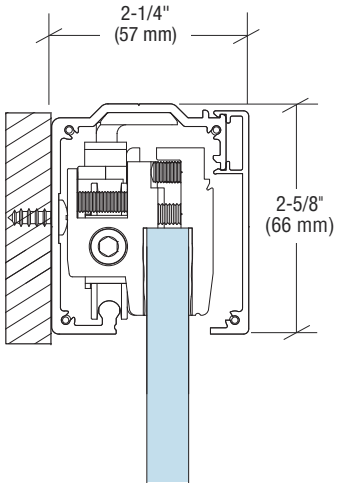
CRL285 Series Kits have all the features of the CRL280 Series plus an additional, highly sought after feature, the CRL "Softbrake" Braking System. The "Softbrake" is completely concealed in the top track, and engages during the final 4" (102 mm) of travel, preventing the glass door from "slamming" open or closed, impacting the frame or adjacent glass panel.

Kits are available with or without hardware for adjacent fixed panels. Individual components are also available should you wish to construct custom units (see pages CH264 and CH265). All CRL 280/285 Kits are available in satin anodized and brushed stainless anodized finishes.

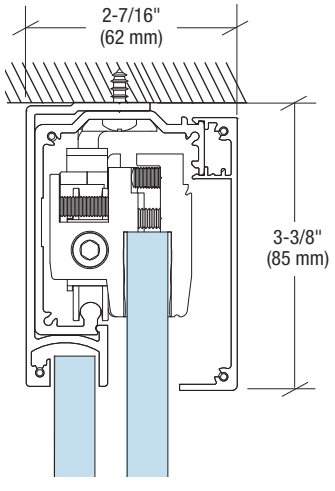




MORE CHOICES crlaurence.com



Single Slider Kits
(Wall Mount Illustrated)



Single Slider With
Fixed Panel Kits
(Ceiling Mount Illustrated)

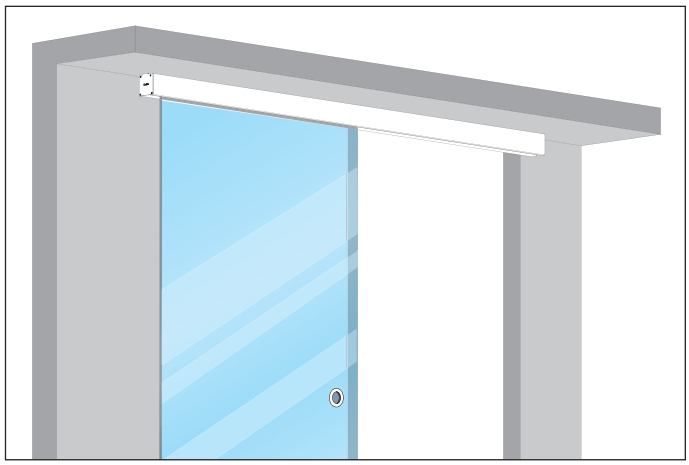
CRL280/285 Series Single Slider Kits







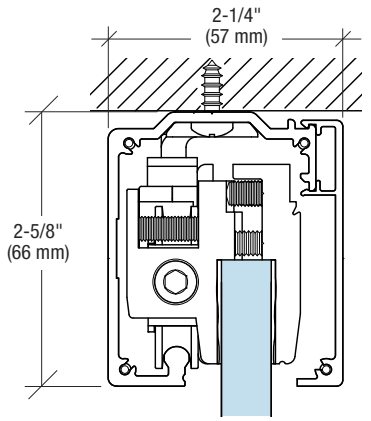
- Available With or Without "Softbrake" Braking System
- For 5/16", 3/8" or 1/2" (8, 10 or 12 mm) Tempered Glass
- Mounts to Wall or Ceiling
- Satin Anodized and Brushed Stainless Anodized Finishes
- Maximum Weight 176 Pounds (80 kg), Maximum Panel Width 59" (1.5 m)



Ceiling Mount Illustrated

This configuration of the CRL280/285 Slider Kit is used for single door applications where the top track mounts to a structural ceiling or wall. Kits include all the components you will need (except the tempered glass and pull hardware) to complete this style of installation. Kits with optional "Softbrake" Braking System come with two "Softbrake" Kits to control the sliding panel. Minimum sliding panel width of 39-3/8" (1 m) for control in both directions of travel. For detailed listing of components and installation instructions go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with CRL280/285 Series Kits.

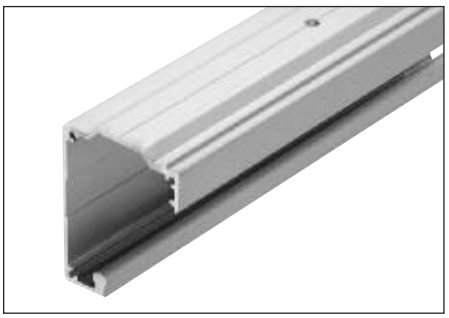
MORE INFORMATION
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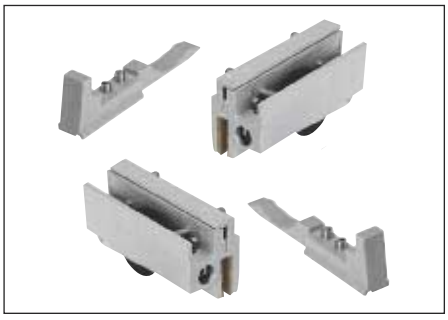
WITH STANDARD STOPS CAT. NO.	WITH SOFTBRAKE CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL2810	CRL28510	5/16" to 3/8" (8 to 10 mm)	Satin Anodized
CRL2810BSA	CRL28510BSA	5/16" to 3/8" (8 to 10 mm)	Brushed Stainless Anodized
CRL2812	CRL28512	1/2" (12 mm)	Satin Anodized
CRL2812BSA	CRL28512BSA	1/2" (12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

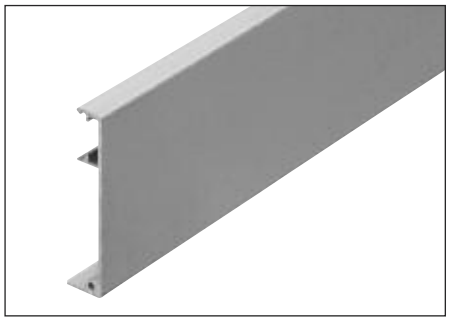
Each Kit Contains:



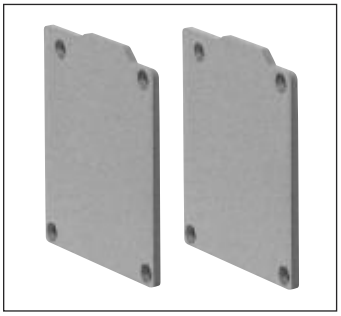
One Top Track at 118" (3 m) in Length



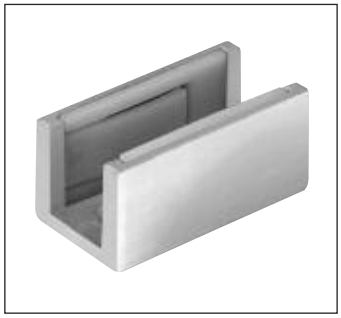
Two Hanger Assemblies and Two Roller Stops



One Top Track Cover at 118" (3 m) in Length



Two Top Track End Caps With Fasteners



One Floor Guide With Fasteners



Four Door Bumpers

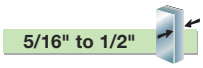


Two Softbrake Kits
(CRL28510 and CRL28512 Kits Only)

CRL280/285 Series Single Slider With Fixed Panel Kits

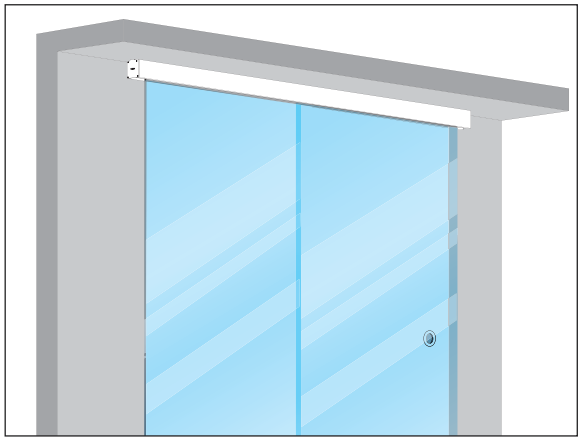


- Available With or Without "Softbrake" Braking System
- For 5/16", 3/8" or 1/2" (8, 10 or 12 mm) Tempered Glass
- Satin Anodized and Brushed Stainless Anodized Finishes
- Maximum Weight 176 Pounds (80 kg), Maximum Panel Width 59" (1.5 m)



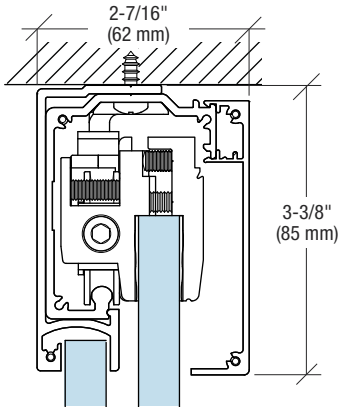
MORE CHOICES
crlaurence.com





Ceiling Mount Illustrated

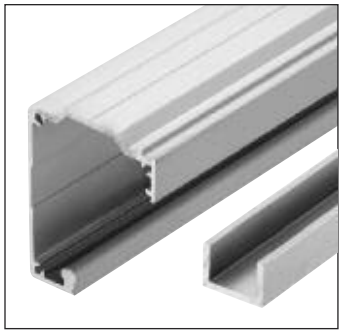
This configuration of the CRL280/285 Slider Kit is used for single door with fixed panel applications where the Top Track mounts to a structural ceiling or wall. Kits include all the components you will need (except the tempered glass and pull hardware) to complete this style of installation. Kits with optional "Softbrake" Braking System come with two "Softbrake" Kits to control the sliding panel. Minimum sliding panel width of 39-3/8" (1 m) for control in both directions of travel. For detailed listing of components and installation instructions go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with CRL280/285 Series Kits.



WITH STANDARD STOPS CAT. NO.	WITH SOFTBRAKE CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL2810F	CRL28510F	5/16" to 3/8" (8 to 10 mm)	Satin Anodized
CRL2810FBSA	CRL28510FBSA	5/16" to 3/8" (8 to 10 mm)	Brushed Stainless Anodized
CRL2812F	CRL28512F	1/2" (12 mm)	Satin Anodized
CRL2812FBSA	CRL28512FBSA	1/2" (12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

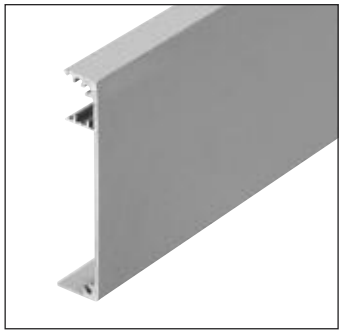
Each Kit Contains:



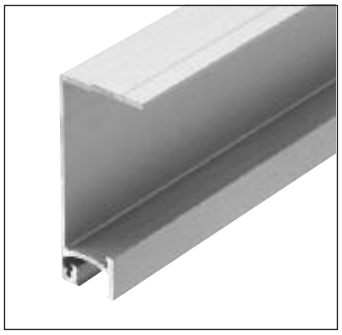
One Top Track and One Bottom U-Channel at 118" (3 m) in Length



Two Hanger Assemblies and Two Roller Stops



One Top Track Cover at 118" (3 m) in Length



One Fixed Panel Adaptor at 118" (3 m) in Length



Two Top Track End Caps With Fasteners



One Floor Guide With Fasteners



Four Door Bumpers



Two Softbrake Kits (CRL28510F and CRL28512F Kits Only)

CRL280/285 Series Glass Mount Single Slider Kits

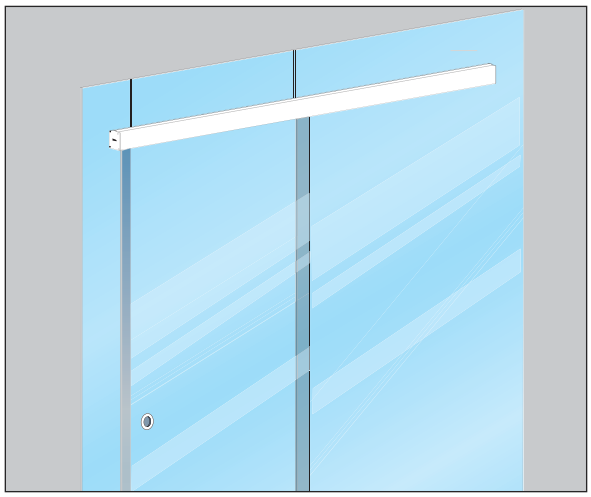
USE MONOLITHIC TEMPERED GLASS

5/16" to 1/2"

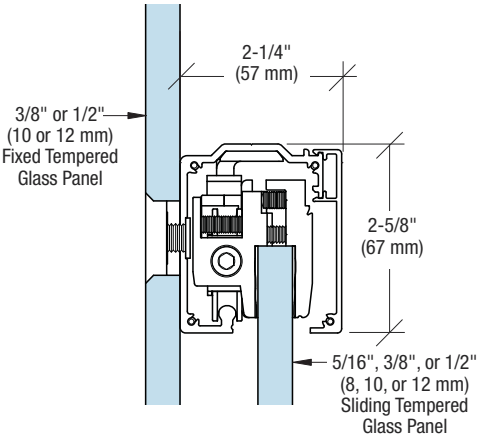
MORE INFORMATION crlaurence.com

ARCH. SPEC. ONLINE

- Available With or Without "Softbrake" Braking System
- For 5/16", 3/8" or 1/2" (8, 10 or 12 mm) Tempered Glass
- Satin Anodized and Brushed Stainless Anodized Finishes
- Maximum Weight 176 Pounds (80 kg), Maximum Panel Width 59" (1.5 m)



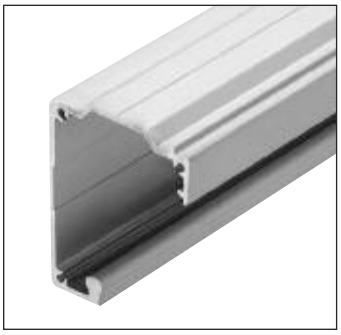
This configuration of the CRL280/285 Slider Kit is used for single door applications where the top track mounts to a 3/8" or 1/2" (10 or 12 mm) fixed glass panel. Kits include all the components you will need (except the tempered glass, channel, and pull hardware) to complete this style of installation. Kits with optional "Softbrake" Braking System come with two "Softbrake" Kits to control the sliding panel. Minimum sliding panel width of 39-3/8" (1 m) for control in both directions of travel. For detailed listing of components and installation instructions go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with CRL280/285 Series Kits.

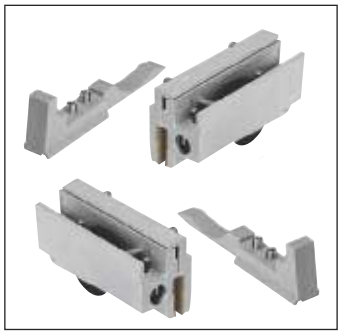


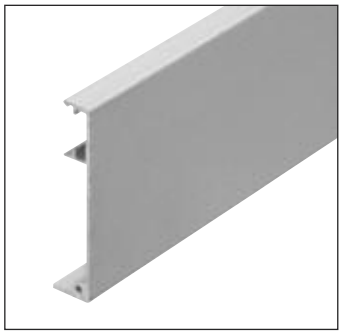
WITH STANDARD STOPS CAT. NO.	WITH SOFTBRAKE CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL2810G	CRL28510G	5/16" to 3/8" (8 to 10 mm)	Satin Anodized
CRL2810GBSA	CRL28510GBSA	5/16" to 3/8" (8 to 10 mm)	Brushed Stainless Anodized
CRL2812G	CRL28512G	1/2" (12 mm)	Satin Anodized
CRL2812GBSA	CRL28512GBSA	1/2" (12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

Each Kit Contains:


One Top Track at 118" (3 m) in Length


Two Hanger Assemblies and Two Roller Stops


One Top Track Cover at 118" (3 m) in Length


15 Glass Supports for 3/8" or 1/2" (10 or 12 mm) Tempered Glass


Two Top Track End Caps With Fasteners


One Floor Guide With Fasteners


Four Door Bumpers

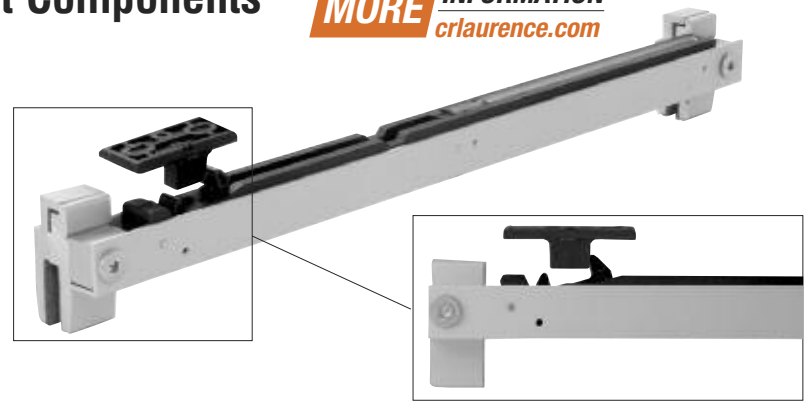

Two Softbrake Kits (CRL28510G and CRL28512G Kits Only)

CRL 280/285 Series Replacement Components

MORE INFORMATION crlaurence.com

"Softbrake" Braking System Kit

- For CRL285 Series Slider Kits
- Cushions the Opening and Closing of Sliding Panels



One "Softbrake" is required for each direction of travel. Minimum sliding panel width of 25-1/2" (650 mm) for control in a single direction; 39-3/8" (1 m) for control in both directions. Minimum order is one each. **NOTE:** Existing CRL280 installations can be easily upgraded by ordering this kit.

CAT. NO. CRL285SBK

Hanger Assembly

- Smooth Rolling
- 1/4" (6 mm) Height Adjustment



Right Hand



Left Hand

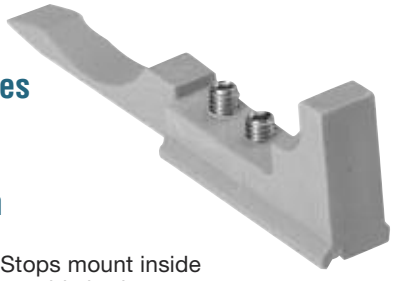
CRL280/285 Series Hanger Assemblies are used with CRL3960 Top Track and require no notches or holes in the glass. Hanger Assemblies can be fine tuned 1/4" (6 mm) in height to allow for floors and walls that are not true and level.

CAT. NO.	FOR GLASS THICKNESS
CRL3969	5/16" to 3/8" (8 to 10 mm)
CRL3971	1/2" (12 mm)

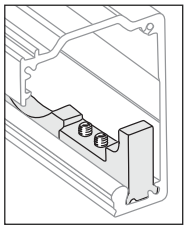
Minimum order: 1 set. Includes one left hand and one right hand assembly which are required per door.

Roller Stop

- For CRL280 Series Sliders Only
- Easily Adjusted After Installation



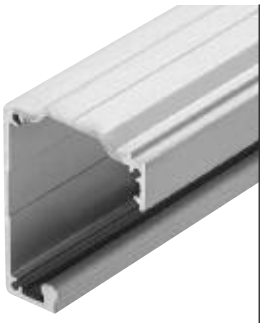
CRL280 Series Roller Stops mount inside CRL3960 Top Track and provide both a positive stop for the sliding panel as well as a hold feature. This Stop is not needed when using the "Softbrake" Braking System. Stop position is easily adjusted after installation. Each Stop comes complete with fasteners to secure it in the Top Track, with no drilling necessary. Two Stops are needed per sliding panel. Minimum order is one set.



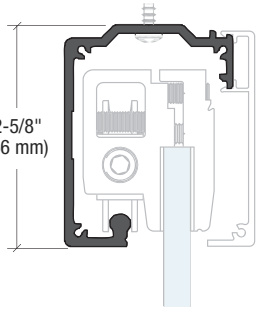
CAT. NO. CRL3961

Top Track

- 118" (3 m) in Length
- Two Finishes Available



CRL280/285 Series Top Tracks are extruded aluminum and come pre-drilled for ceiling mount installation at 8" (203 mm) centers. **NOTE:** Holes must be drilled by installer, for wall mount installations.



CAT. NO.	FINISH
CRL3960A	Satin Anodized
CRL3960BSA	Brushed Stainless Anodized

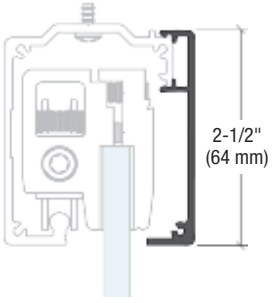
Minimum order: 1 each. Must ship common carrier.

Top Track Cover

- 118" (3 m) in Length
- Two Finishes Available



CRL280/285 Series Top Track Covers are used with CRL3960 Top Track to conceal the Hanger Assemblies. Extruded aluminum and available in two finishes.



CAT. NO.	FINISH
CRL3964A	Satin Anodized
CRL3964BSA	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

NOTE: Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

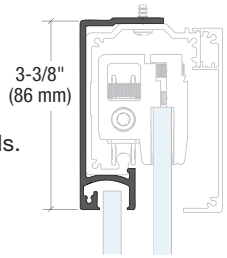
CRL 280/285 Series Replacement Components

MORE CHOICES crlaurence.com

Fixed Panel Adaptor

- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass





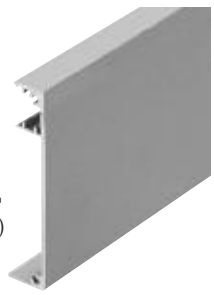
CRL280/285 Series Fixed Panel Adaptors are used with Cat. No. CRL3960 Top Track to provide a top channel for fixed glass panels. They come in 118" (3 m) stock lengths, pre-drilled for fasteners (not included) at 8" (203 mm) centers.

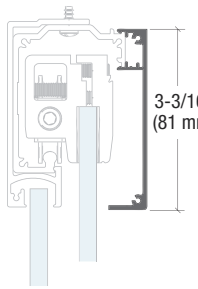
CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL3962A	5/16" to 3/8" (8 to 10 mm)	Satin Anodized
CRL3962BSA	5/16" to 3/8" (8 to 10 mm)	Brushed Stainless Anodized
CRL3963A	1/2" (12 mm)	Satin Anodized
CRL3963BSA	1/2" (12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Fixed Panel Adaptor Cover

- 118" (3 m) in Length





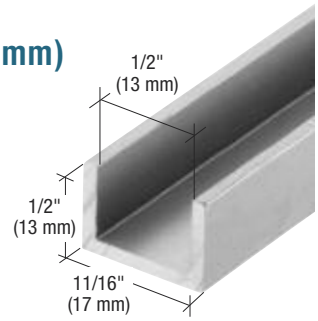
The CRL280/285 Series Fixed Panel Adaptor Cover is used with Cat. No. CRL3960 Top Track to conceal the Hanger Assemblies.

CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL3966A	5/16" to 3/8" (8 to 10 mm)	Satin Anodized
CRL3966BSA	5/16" to 3/8" (8 to 10 mm)	Brushed Stainless Anodized
CRL3967A	1/2" (12 mm)	Satin Anodized
CRL3967BSA	1/2" (12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Bottom Channel for Fixed Glass

- 118" (3 m) in Length
- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass



Bottom Channel for Fixed Glass is used to capture the fixed glass panel at the floor. Extruded aluminum with a satin anodized finish. Minimum order is one each.

CAT. NO. CRL3979A

Flush Mount Glass Support

- For Mounting Top Track to 3/8" or 1/2" (10 or 12 mm) Tempered Glass

Recommended spacing is a maximum 12" (305 mm) on center. Requires countersunk holes in glass. **NOTE:** Not for use with 5/16" (8 mm) glass. Minimum order is one each.

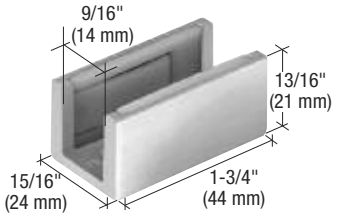




CAT. NO. CRL3972A

Bottom Guide for Sliding Glass Doors

- Adjustable Nylon Insert for 5/16" to 1/2" (8 to 12 mm) Glass Doors



CAT. NO.	FINISH
CRL3978	Satin Anodized
CRL3978BSA	Brushed Stainless Anodized

Minimum order: 1 each.

Door Edge Guards

- Four Per Pack



CRL2945 Door Edge Guards offer sliding door protection between glass and metal. Four guards protect two door ends. Simply peel off the release liner and apply to glass. Minimum order is one pack.

CAT. NO. CRL2945

End Caps for Top Track

- Mounting Screws Included



CRL3974



CRL3976

CAT. NO.	DESCRIPTION	FINISH
CRL3974	Single Slider End Cap	Satin Anodized
CRL3974BSA	Single Slider End Cap	Brushed Stainless Anodized
CRL3976	Slider With Fixed Panel End Cap	Satin Anodized
CRL3976BSA	Slider With Fixed Panel End Cap	Brushed Stainless Anodized

Minimum order: 1 set.

NOTE: Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

CRL290/295 Series Top Hung Sliding Door Kits

NEW!









- Kits Available for Wall, Ceiling, or Dropped Ceiling Applications, With or Without Fixed Panels
- Available With or Without "Softbrake" Braking System
- Designed for Use With 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Can Accommodate Doors Weighing Up to 264 Pounds (120 kg)
- Clamps are Fully Concealed Inside the Header
- No Notches or Holes Required in the Glass for Installation
- Satin Anodized and Brushed Stainless Anodized Finishes Available

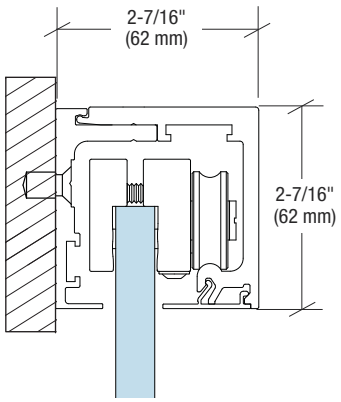
Our New CRL290/295 Series Top Hung Sliding Door Kits are a more substantial version of our tremendously popular CRL280/285 Series, allowing for panels weighing up to 264 pounds (120 kg). These new Kits are available with or without an improved 'Softbrake' Braking System that can stand up to the demands of door panels of heavier weight. "Softbrake" cushions the opening and closing of the doors gently, quietly, and is completely concealed inside the header. "Softbrake" engages during the last 4" (102 mm) of door travel, preventing the glass from striking the frame or adjacent glass panel.

The CRL290/295 Series offers multiple mounting options, is top hung, requires no bottom track, and operates with smooth "finger touch" control. No holes or notches required, making glass fabrication easy and cost effective. The upper clamp and roller assemblies have over 1/4" (6 mm) of height adjustment during installation, allowing for easy correction of openings that are not true and level. Kits are available in satin anodized and brushed stainless anodized finishes. Installation instructions are available online at **crlaurence.com/sliding-glass-doors**.

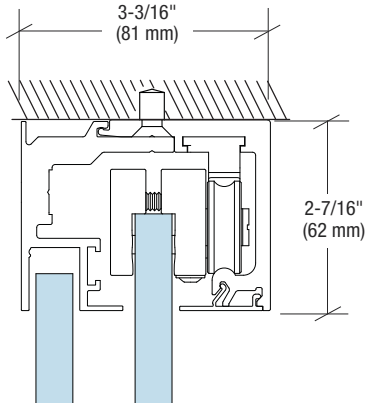


MORE CHOICES crlaurence.com





Single Slider Kits
(Wall Mount Illustrated)



Single Slider With
Fixed Panel Kits
(Ceiling Mount Illustrated)

CRL290/295 Series Wall Mount Sliding Door Kits







- **Available With or Without Integrated "Softbrake" Braking System**
- **For 5/16" to 1/2" (8 to 12 mm) Tempered Glass**
- **Satin Anodized and Brushed Stainless Anodized Finishes**
- **Can Accommodate Doors Weighing Up to 264 Pounds (120 kg), Maximum Panel Width 59" (1.5 m)**

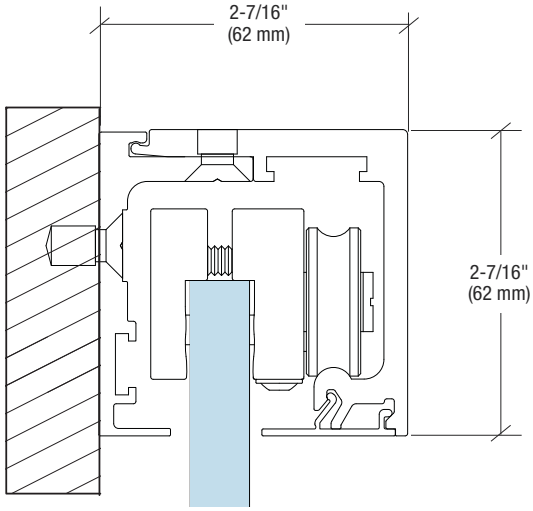


These CRL290/295 Kits are designed for use where the top track mounts to a structural wall. Kits come with all the hardware needed to complete the installation, except for the tempered glass, and door pull. Kits with optional "Softbrake" Braking System come with two "Softbrake" Kits to control the sliding panel. Minimum sliding panel width of 37-3/8" (950 mm) for control in both directions of travel. For detailed listing of components and installation instructions go to **crlaurence.com/sliding-glass-doors**.
NOTE: Laminated glass should not be used with CRL290/295 Series Kits.

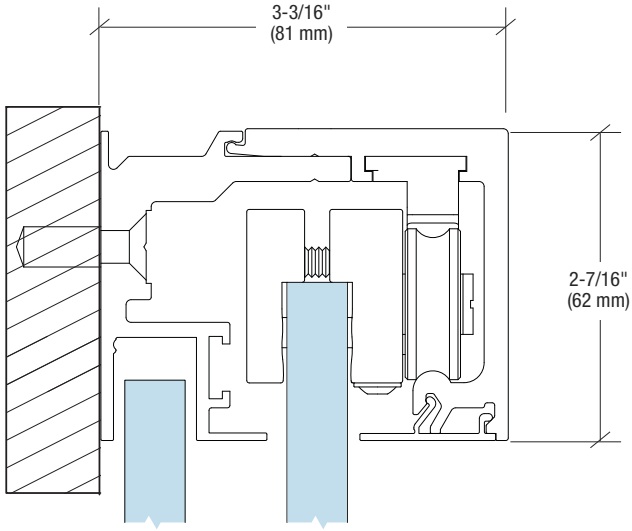
WITH STANDARD STOPS CAT. NO.	WITH SOFTBRAKE CAT. NO.	DESCRIPTION	FINISH
CRL290	CRL295	Single Slider Kit	Satin Anodized
CRL290BSA	CRL295BSA	Single Slider Kit	Brushed Stainless Anodized
CRL2901	CRL2951	Single Slider With Fixed Panel Kit	Satin Anodized
CRL2901BSA	CRL2951BSA	Single Slider With Fixed Panel Kit	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

MORE INFORMATION crlaurence.com



CAT. NO. CRL290/295
Single Slider Kits



CAT. NO. CRL2901/2951
Single Slider With Fixed Panel Kits

CRL290/295 Series Ceiling Mount Sliding Door Kits







- **Available With or Without Integrated 'Softbrake' Braking System**
- **For 5/16" to 1/2" (8 to 12 mm) Tempered Glass**
- **Satin Anodized and Brushed Stainless Anodized Finishes**
- **Can Accommodate Doors Weighing Up to 264 Pounds (120 kg), Maximum Panel Width 59" (1.5 m)**

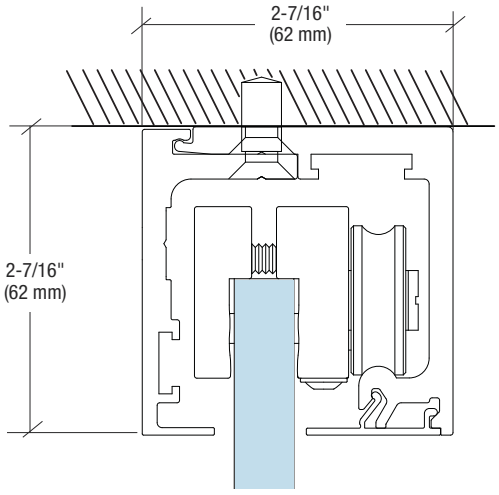


These CRL290/295 Kits are designed for use where the top track mounts to a structural ceiling. Kits come with all the hardware needed to complete the installation, except for the tempered glass and door pull. Kits with optional "Softbrake" Braking System come with two "Softbrake" Kits to control the sliding panel. Minimum sliding panel width of 37-3/8" (950 mm) for control in both directions of travel. For a detailed listing of components and installation instructions go to **crlaurence.com/sliding-glass-doors.**
NOTE: Laminated glass should not be used with CRL290/295 Series Kits.

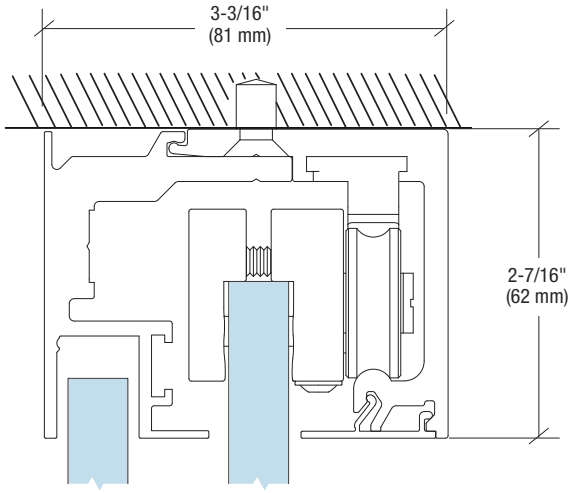
WITH STANDARD STOPS CAT. NO.	WITH SOFTBRAKE CAT. NO.	DESCRIPTION	FINISH
CRL290C	CRL295C	Single Slider Kit	Satin Anodized
CRL290CBSA	CRL295CBSA	Single Slider Kit	Brushed Stainless Anodized
CRL2901C	CRL2951C	Single Slider With Fixed Panel Kit	Satin Anodized
CRL2901CBSA	CRL2951CBSA	Single Slider With Fixed Panel Kit	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

MORE CHOICES crlaurence.com



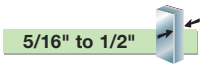
CAT. NO. CRL290C/295C
Single Slider Kits



CAT. NO. CRL2901C/2951C
Single Slider With Fixed Panel Kits

CRL290/295 Series Dropped Ceiling Mount Sliding Door Kits







- **Available With or Without Integrated "Softbrake" Braking System**
- **For 5/16" to 1/2" (8 to 12 mm) Tempered Glass**
- **Satin Anodized Finish**
- **Can Accommodate Doors Weighing Up to 264 Pounds (120 kg), Maximum Panel Width 59" (1.5 m)**
- **Available With or Without Fixed Panels**

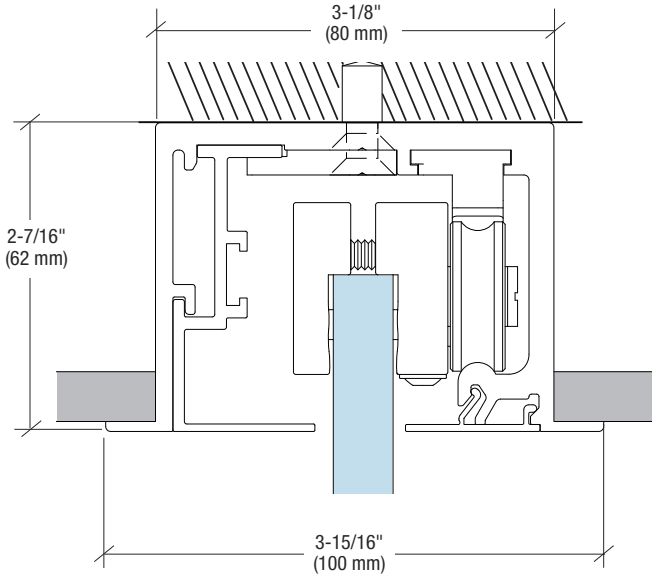


These CRL290/295 Kits are designed for use with dropped ceilings. Kits come with the hardware needed to complete the installation, except for the tempered glass and door pulls. Kits with optional "Softbrake" Braking System come with two "Softbrake" Kits to control the sliding panel. Minimum sliding panel width of 37-3/8" (950 mm) for control in both directions of travel. For detailed listing of components and installation instructions go to **crlaurence.com/sliding-glass-doors**.
NOTE: Structural support (by others) is also required when using Dropped Ceiling Tracks; fasteners not included. Laminated glass should not be used with CRL290/295 Series Kits.

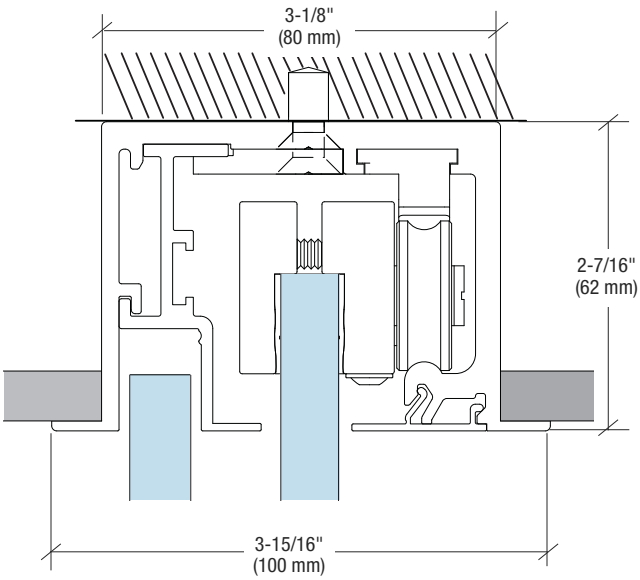
WITH STANDARD STOPS CAT. NO.	WITH SOFTBRAKE CAT. NO.	DESCRIPTION	FINISH
CRL290D	CRL295D	Single Slider Kit	Satin Anodized
CRL2901D	CRL2951D	Single Slider With Fixed Panel Kit	Satin Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

MORE INFORMATION
crlaurence.com



CAT. NO. CRL290D/295D
Single Slider Kits



CAT. NO. CRL2901D/2951D
Single Slider With Fixed Panel Kits

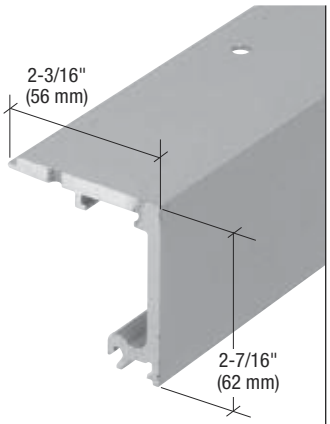
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL290/295 Series Replacement Components

MORE INFORMATION crlaurence.com

Top Track

- 118" (3 m) in Length
- Two Architectural Finishes Available



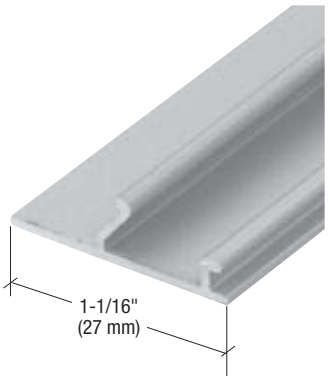
Works with Top Track Wall Mount and Ceiling Mount Inserts (shown below). Top is pre-drilled for 3/16" (5 mm) fasteners (not included) at 7-7/8" (200 mm) centers.

CAT. NO.	FINISH
CRL2930	Satin Anodized
CRL2930BSA	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Top Track Cover

- 118" (3 m) in Length
- Two Architectural Finishes Available



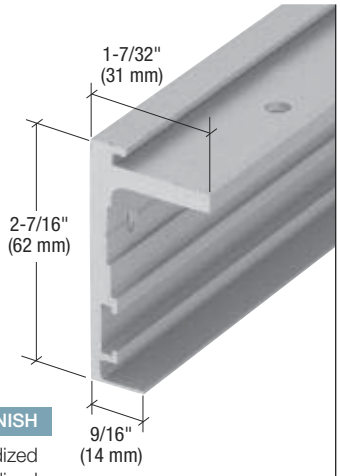
This Top Track Cover easily snaps into the bottom of CRL2930 Top Track (shown left) to conceal the Hanger Assemblies.

CAT. NO.	FINISH
CRL2935	Satin Anodized
CRL2935BSA	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Top Track Wall Mount Insert

- 118" (3 m) in Length
- Two Architectural Finishes Available



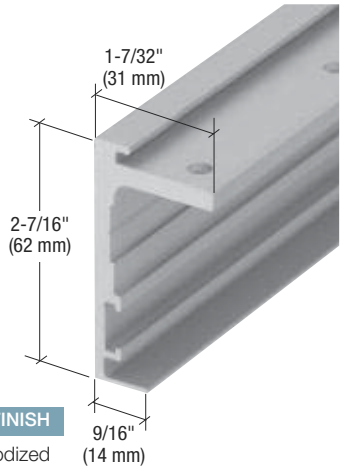
This Top Track Wall Mount Insert comes with its back pre-drilled for 3/16" (5 mm) fasteners (not included) at 7-7/8" (200 mm) centers. Used with CRL2930 Top Track (shown above).

CAT. NO.	FINISH
CRL2931	Satin Anodized
CRL2931BSA	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Top Track Ceiling Mount Insert

- 118" (3 m) in Length
- Two Architectural Finishes Available



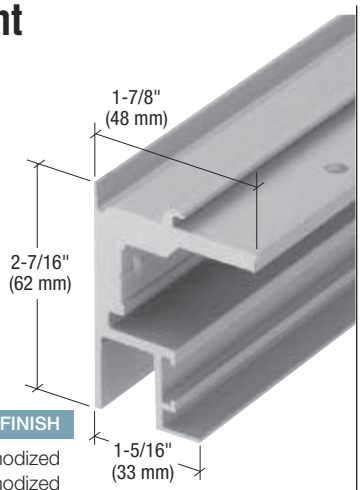
This Top Track Ceiling Mount Insert comes pre-drilled for 3/16" (5 mm) fasteners (not included) at 7-7/8" (200 mm) centers. Used with CRL2930 Top Track (shown above).

CAT. NO.	FINISH
CRL2932	Satin Anodized
CRL2932BSA	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Top Track Wall Mount Pocket Insert

- 118" (3 m) in Length
- Two Architectural Finishes Available



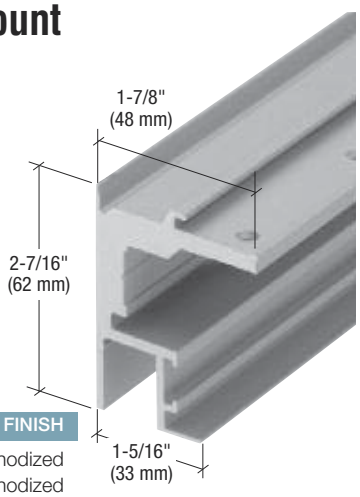
Used with CRL2930 Top Track (shown above) to provide a top channel for fixed glass panels. Back is pre-drilled for 3/16" (5 mm) fasteners (not included) at 7-7/8" (200 mm) centers.

CAT. NO.	FINISH
CRL2933	Satin Anodized
CRL2933BSA	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Top Track Ceiling Mount Pocket Insert

- 118" (3 m) in Length
- Two Architectural Finishes Available



Used with CRL2930 Top Track (shown above) to provide a top channel for fixed glass panels. Top is pre-drilled for 3/16" (5 mm) fasteners (not included) at 7-7/8" (200 mm) centers.

CAT. NO.	FINISH
CRL2934	Satin Anodized
CRL2934BSA	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

NOTE: Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

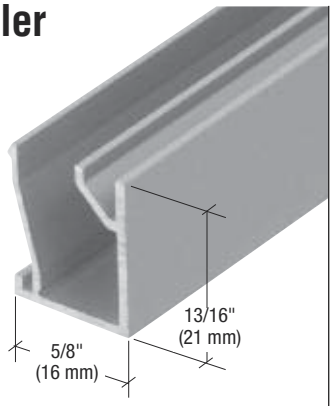
CRL290/295 Series Replacement Components

MORE INFORMATION crlaurence.com

Fixed Glass Pocket Filler

- 118" (3 m) in Length
- Two Architectural Finishes Available

This Fixed Glass Pocket Filler easily snaps into both CRL2933 and CRL2934 Pocket Inserts (shown on previous page) to cover any unused pocket to complete the install.



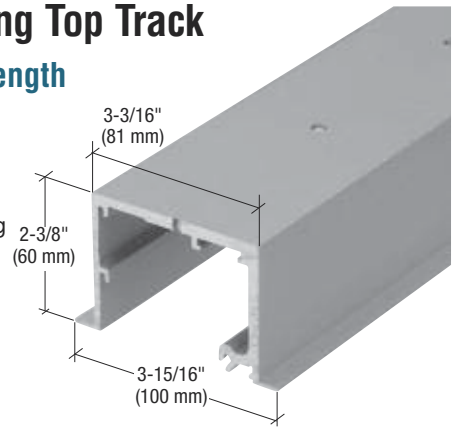
CAT. NO.	FINISH
CRL2936	Satin Anodized
CRL2936BSA	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Dropped Ceiling Top Track

- 118" (3 m) in Length
- Satin Anodized Aluminum

This Dropped Ceiling Top Track mounts to the structure above a dropped ceiling and provides retaining flanges for ceiling panels. Works with both CRL2947 and CRL2948 Inserts (shown below). Minimum order is one each.

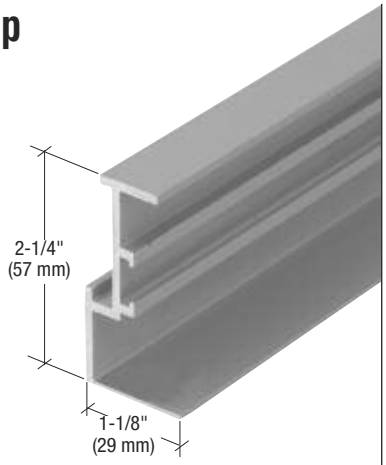


CAT. NO. CRL2946

Dropped Ceiling Top Track Filler Insert

- 118" (3 m) in Length
- Satin Anodized Aluminum

This Dropped Ceiling Top Track Filler Insert works with CRL2946 Dropped Ceiling Top Track (shown above) and uses CRL2929 Adapter Brackets (see page CH272) to attach. Minimum order is one each.

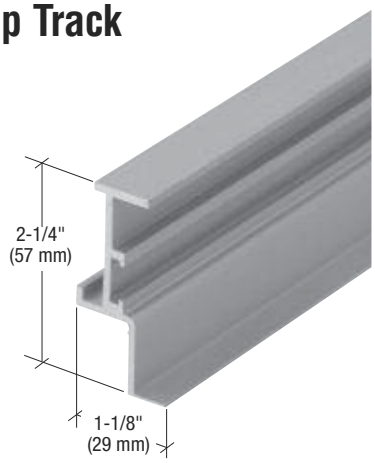


CAT. NO. CRL2947

Dropped Ceiling Top Track Pocket Insert

- 118" (3 m) in Length
- Satin Anodized Aluminum

This Dropped Ceiling Top Track Pocket Insert works with CRL2946 Dropped Ceiling Top Track (shown above) when a fixed sidelite is desired. Uses CRL2929 Adapter Brackets (see page CH272) to attach. Minimum order is one each.

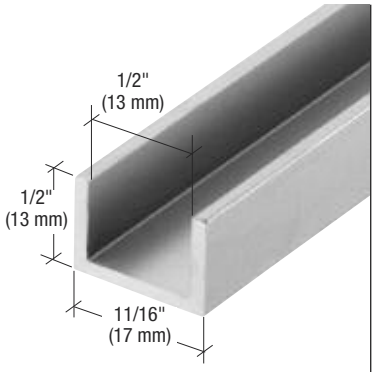


CAT. NO. CRL2948

Bottom Channel for Fixed Glass

- 118" (3 m) in Length
- For Use With 5/16" to 1/2" (8 to 12 mm) Tempered Glass

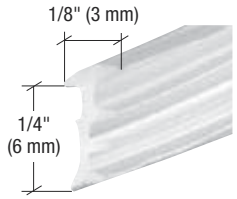
Bottom Channel for Fixed Glass is used to capture the fixed glass panel at the floor. Extruded aluminum with a satin anodized finish. Minimum order is one each.



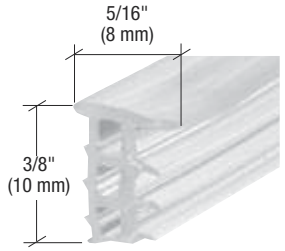
CAT. NO. CRL3979A

Vinyl Gaskets for Fixed Glass Panels

- Clear Vinyl
- 118" (3 m) in Length



CAT. NO. CRL2943



CAT. NO. CRL2944

CAT. NO.	FOR USE WITH
CRL2943	1/2" (12 mm) Glass
CRL2944	5/16" and 3/8" (8 to 10 mm) Glass

Minimum order: 1 each.

NOTE: Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

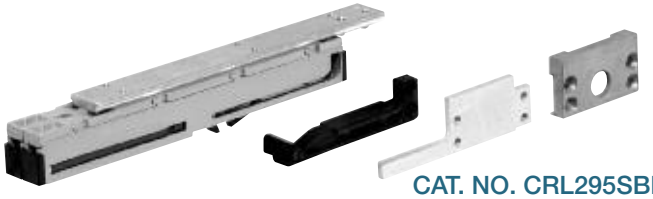
CRL290/295 Series Replacement Components

MORE CHOICES crlaurence.com

"Softbrake" Braking System Kit

- For CRL295 Series Sliders
- Cushions the Opening and Closing of Sliding Panels

One "Softbrake" is required for each direction of travel. Minimum sliding panel width of 25-1/2" (650 mm) for control in a single direction; 39-3/8" (1 m) for control in both directions. **NOTE:** Existing CRL290 Series installations can be easily upgraded by ordering two kits. Minimum order is one each.



CAT. NO. CRL295SBK

Hanger Assembly

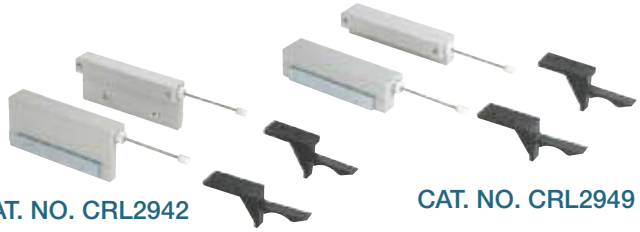
- No Glass Fabrication Required
- Holds 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- 1/4" (6 mm) Height Adjustment
- Two Per Set



CAT. NO. CRL2939
Minimum order is one set.

Roller Stops

- Easily Adjusts After Installation
- Two Per Set



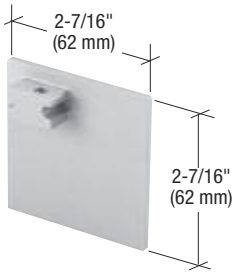
CAT. NO. CRL2942

CAT. NO. CRL2949

CAT. NO.	FOR USE WITH
CRL2942	Wall and Ceiling Mount Installations
CRL2949	Drop Ceiling Mount Installations

Minimum order: 1 set.

End Caps for Top Tracks



CAT. NO. CRL2937



CAT. NO. CRL2938

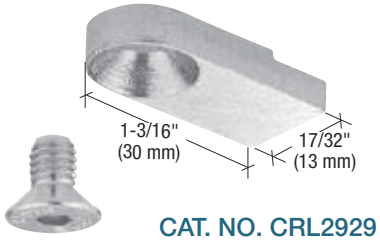
CAT. NO.	DESCRIPTION	FINISH
CRL2937	Single Top Track End Cap	Satin Anodized
CRL2937BSA	Single Top Track End Cap	Brushed Stainless Anodized
CRL2938	Top Track with Pocket End Cap	Satin Anodized
CRL2938BSA	Top Track with Pocket End Cap	Brushed Stainless Anodized

Minimum order: 1 each.

Dropped Ceiling Adapter Brackets

- 17 Adapter Brackets and Screws Per Pack

Used to attach Dropped Ceiling Top Track Inserts to Dropped Ceiling Top Track. Minimum order is one pack.



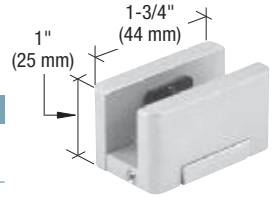
CAT. NO. CRL2929

Bottom Guide for Sliding Doors

- Two Architectural Finishes
- Adjustable for 5/16" to 1/2" (8 to 12 mm) Glass Doors

CAT. NO.	FINISH
CRL2940	Satin Anodized
CRL2940BSA	Brushed Stainless Anodized

Minimum order: 1 each.



Top Track Insert Fastener

- 17 Screws Per Pack

Used to connect Top Track to Top Track Inserts. Also used with CRL2929 Adapter Brackets (shown above). Minimum order is one pack.



CAT. NO. CRL290TF

Door Edge Guards

- Four Per Pack

CRL2945 Door Edge Guards offer sliding door protection between glass and metal. Four guards protect two door ends. Simply peel off the release liner and apply to glass. Minimum order is one pack.



CAT. NO. CRL2945

Online Photo Gallery

When you visit **crlaurence.com/gallery** you can click into photo galleries of finished projects. It's a great way to show your customers what can be accomplished when they specify CRL Architectural Hardware Products.









Our Bottom Rolling Doors feature a low profile threshold to prevent tripping, plus they are key lockable for security.

CRL GSDH Series Bottom Rolling Door Systems

ARCH. SPEC. ONLINE

MORE INFORMATION crlaurence.com

- Choice of Configurations for a Single Rolling Door or Bi-Parting Rolling Doors
- Kits Contain All Necessary Hardware (Except the Handle) to Complete the Installation
- One Pair of Rollers Can Accommodate Doors Weighing Up to 286 Pounds (130 kg)
- Top Guide Track Mounts to Wall
- Bottom Rolling Design for Use With 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Brushed or Polished Stainless Steel Finishes



GLASS FABRICATION REQUIRED:
Four holes and two notches per panel.
Glass templates included in kits.

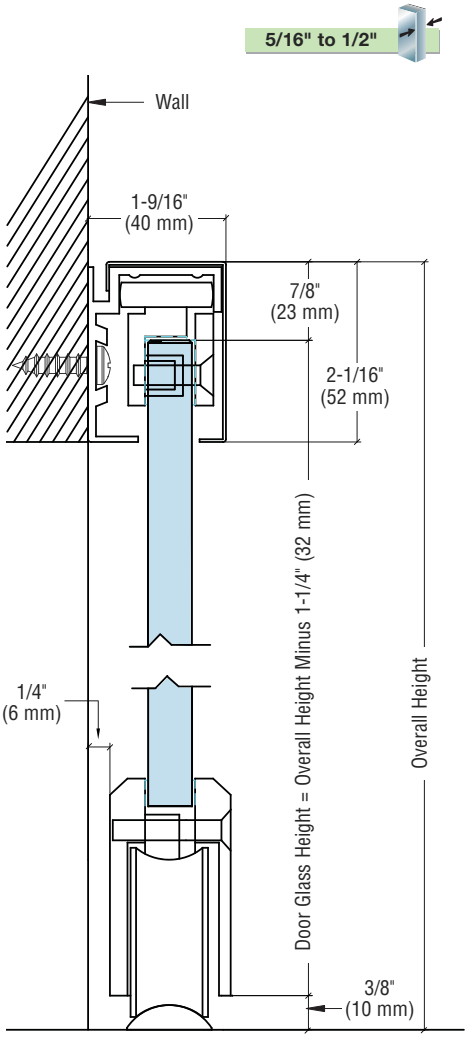
There are two configurations of GSDH Series Kits for glass doors. Both come with everything you need (except the tempered glass and handle hardware) to complete the installation, including Top and Bottom Track, Top Guides, Top Guide Roller Stops, End Covers, and the Bottom Rollers

The GSDH Series Bottom Rolling Door System features a unique design that gives the door the appearance that it is gliding on air. The Top Guide Track mounts to the wall and provides for secure and smooth operation of the rolling panel.

The GSDH Bottom Rolling System is a great alternative when the building structure cannot carry the load of a top hung system. Each Kit comes with concealed stops in the Top Track to control the length of travel of the door in the open or closed position. Everything is properly balanced to offer a smooth rolling action with finger touch control.

Kits are available in brushed or polished stainless steel finishes, and are intended for use with 5/16", 3/8" or 1/2" (8, 10 or 12 mm) tempered glass. Individual components can also be ordered to customize the opening. **NOTE:** Laminated glass should not be used with the GSDH System.

For more information on these versatile and easy-to-install systems, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.





CRL GSDH1 Series Single Bottom Rolling Door Kit

- 118" (3 m) Top and Bottom Tracks
- Available in Brushed or Polished Stainless Steel
- For Use With 5/16" to 1/2" (8 to 12 mm) Tempered Glass



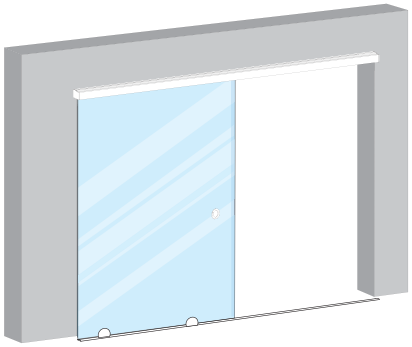
MORE INFORMATION
crlaurence.com

The CRL GSDH1 Series Single Bottom Rolling Door Kit contains all of the components you will need (except the tempered glass and handle hardware) to complete this style of installation.

This model can accommodate a single door weighing up to 286 pounds (130 kg), with a maximum width of 60" (1.5 m).
NOTE: Laminated glass should not be used with the GSDH System.

ARCH. SPEC. ONLINE

5/16" to 1/2"

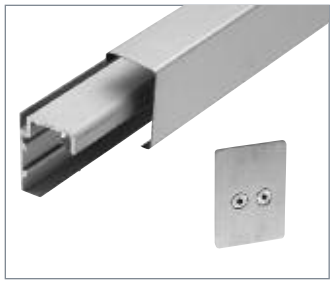


CAT. NO.	FINISH
GSDH1BS	Brushed Stainless
GSDH1PS	Polished Stainless

Minimum order: 1 each. Kits contain components measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

GLASS FABRICATION REQUIRED:
Four holes and two notches per panel.
Glass templates included in kits.

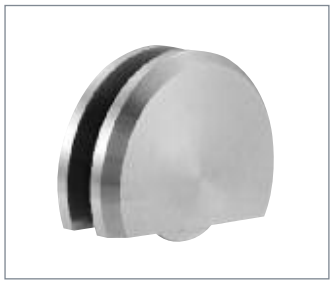
Each Kit Contains:



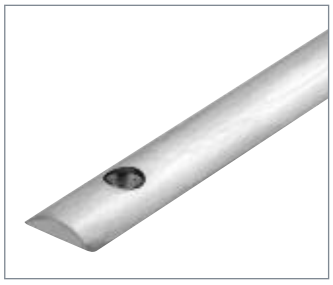
One Top Guide Track at 118" (3 m) in Length and Two End Caps



Two Top Roller Guides and Two Stops



Two Bottom Rollers



One Bottom Roller Track at 118" (3 m) in Length

CRL GSDH2 Series Bi-Parting Bottom Rolling Door Kit

- 118" (3 m) Top and Bottom Tracks
- Available in Brushed or Polished Stainless Steel
- For Use With 5/16" to 1/2" (8 to 12 mm) Tempered Glass

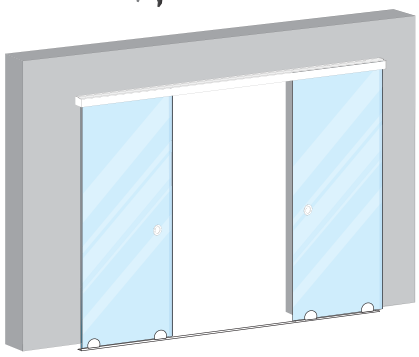


The CRL GSDH2 Series Bi-Parting Bottom Rolling Door Kit contains all of the components you will need (except the tempered glass and handle hardware) to complete this style of installation.

This model can accommodate two bi-parting doors, each weighing up to 286 pounds (130 kg), with a maximum width of 30" (762 mm).
NOTE: Laminated glass should not be used with the GSDH System.

ARCH. SPEC. ONLINE

5/16" to 1/2"



CAT. NO.	FINISH
GSDH2BS	Brushed Stainless
GSDH2PS	Polished Stainless

Minimum order: 1 each. Kits contain components measuring 118" (3 m) in length, and therefore must ship common carrier. Kits can be combined for quantity pricing.

GLASS FABRICATION REQUIRED:
Four holes and two notches per panel.
Glass templates included in kits.

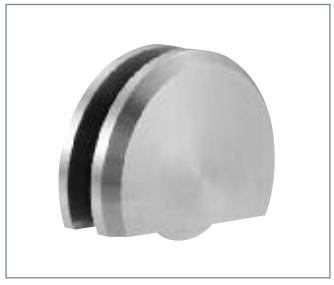
Each Kit Contains:



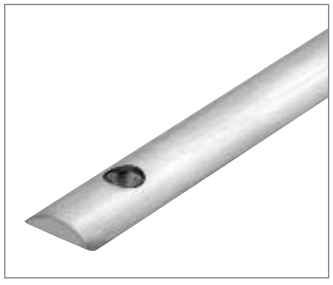
One Top Guide Track at 118" (3 m) in Length and Two End Caps



Four Top Roller Guides and Four Stops



Four Bottom Rollers



One Bottom Roller Track at 118" (3 m) in Length

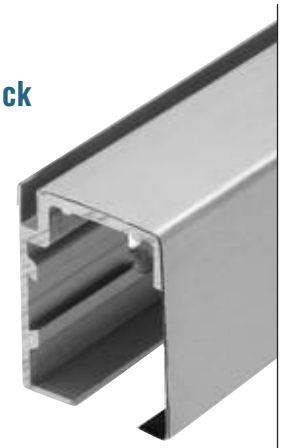
CRL GSDH Series Accessories

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

Top Track With Cover

- 118" (3 m) Long Aluminum Track
- Available in Brushed or Polished Stainless Finishes



CRL GSDH Series Top Tracks are made of aluminum with a Cover made of alloy 304 stainless steel. They come in 118" (3 m) lengths, with holes pre-drilled on 9-7/8" (251 mm) centers to accommodate 3/16" (5 mm) fasteners (not included).

CAT. NO.	COVER FINISH
GSDH140BS	Brushed Stainless
GSDH140PS	Polished Stainless

Minimum order: 1 each. Must ship common carrier.

Top Track Roller Guide

- Moves Glass Doors Quietly With Nylon Rollers



CRL GSDH Top Track Roller Guides attach to the top edge of the glass sliding panel and guide the door along the Top Track. Two holes are required per Roller Guide. Use two roller guides per sliding panel. Minimum order is one each.

CAT. NO. GSDH120BS

Top Track Stop

- Provides Positive Stop in Open or Closed Positions

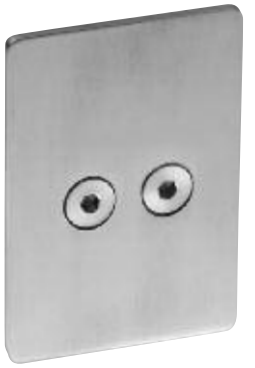


CRL GSDH Top Track Stops are used with Cat. No. GSDH140 Top Track and Cat. No. GSDH120BS Roller Guide to provide a positive stop in the open or closed positions. Each Stop comes complete with fastener to attach to Top Track. No drilling required. Set includes one right hand and one left hand Stop. Minimum order is one set.

CAT. NO. GSDH150BS

Top Track End Cap

- Available in Brushed or Polished Stainless Steel



CRL GSDH Series Top Track End Caps are used with Cat. No. GSDH140 Top Track with Cover to create a clean, finished header assembly. Made of alloy 304 stainless steel.

CAT. NO.	FINISH
GSDH160BS	Brushed Stainless
GSDH160PS	Polished Stainless

Minimum order: 1 each.

Bottom Roller

- Durable Alloy 304 Stainless Steel
- Brushed or Polished Finishes



CRL GSDH Series Bottom Rollers provide smooth and quiet operation of the sliding glass panel. They are made of alloy 304 stainless steel.

Two Rollers are required per sliding glass panel and will carry up to 286 pounds (130 kg). Glass fabrication is required.

CAT. NO.	FINISH
GSDH100BS	Brushed Stainless
GSDH100PS	Polished Stainless

Minimum order: 1 each.

Bottom Track

- 118" (3 m) Long Alloy 304 Stainless
- Available in Brushed or Polished Finishes



CRL GSDH Series Bottom Tracks are made of alloy 304 stainless steel.

They come in 118" (3 m) stock lengths, pre-drilled for 1/4" (6 mm) fasteners (included) at 12-7/8" (327 mm) centers.

CAT. NO.	FINISH
GSDH130BS	Brushed Stainless
GSDH130PS	Polished Stainless

Minimum order: 1 each. Must ship common carrier.

CRL SDR and SSR Bottom Rolling Sliding Door Systems

MORE INFORMATION crlaurence.com

ARCH. SPEC. ONLINE

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



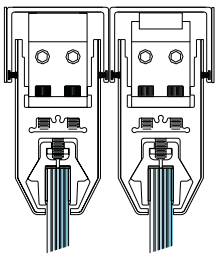
- **Variety of Styles and Finishes Available for Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass**
- **Each Unit Custom Built to Fit the Opening**
- **Doors Can Be Aligned Without Removal**
- **Saves Valuable Floor Space – Does Not Project Out of the Door Opening**



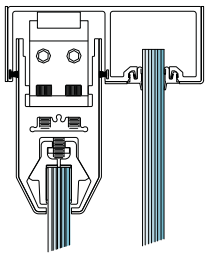
CRL Bottom Rolling Door Systems use the same technology found in our Wedge-Lock® Door Rails to secure heavy panels of 3/8" or 1/2" (10 or 12 mm) tempered glass to create almost 'frameless' glass doors between interior office areas. Several profiles are available in any of the seven architectural finishes used for our Door and Sidelite Rails in both Tapered and Square styles. Installation is simplified because each unit is custom built to your specifications for opening size and glass thickness. Once installed you can adjust or align the doors without removal. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg).

All CRL Bottom Rolling Sliding Door Units come complete with Top and Bottom Tracks, Top and Bottom Door and Fixed Panel Rails, Fixed Panel Saddles, Bottom Tandem Rollers, Stop and Anti-Lift Blocks, and Locking Hardware; everything you need with the exception of the tempered glass and track fasteners. Top and Bottom Tracks can be ordered in stock lengths prior to ordering complete unit if needed, see pages CH284 to CH285.

NOTE: Available by custom order only. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.



Typical Section of SDR System
(See pages CH278 to CH280)

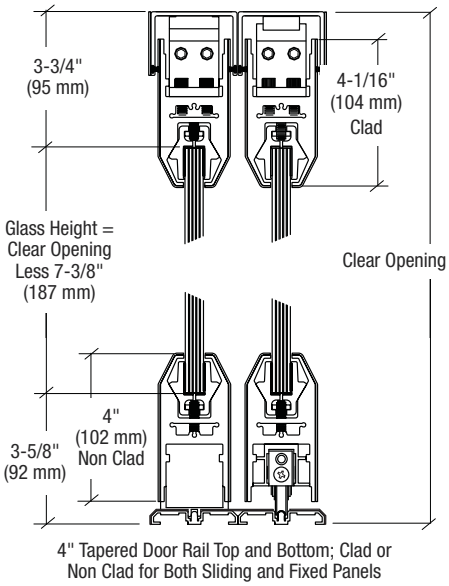


Typical Section of SSR System
(See pages CH281 to CH283)

CRL SDR Bottom Rolling Sliding Door System

- With 4" Tapered DR4T Series Door Rails
- Available in Seven Architectural Finishes

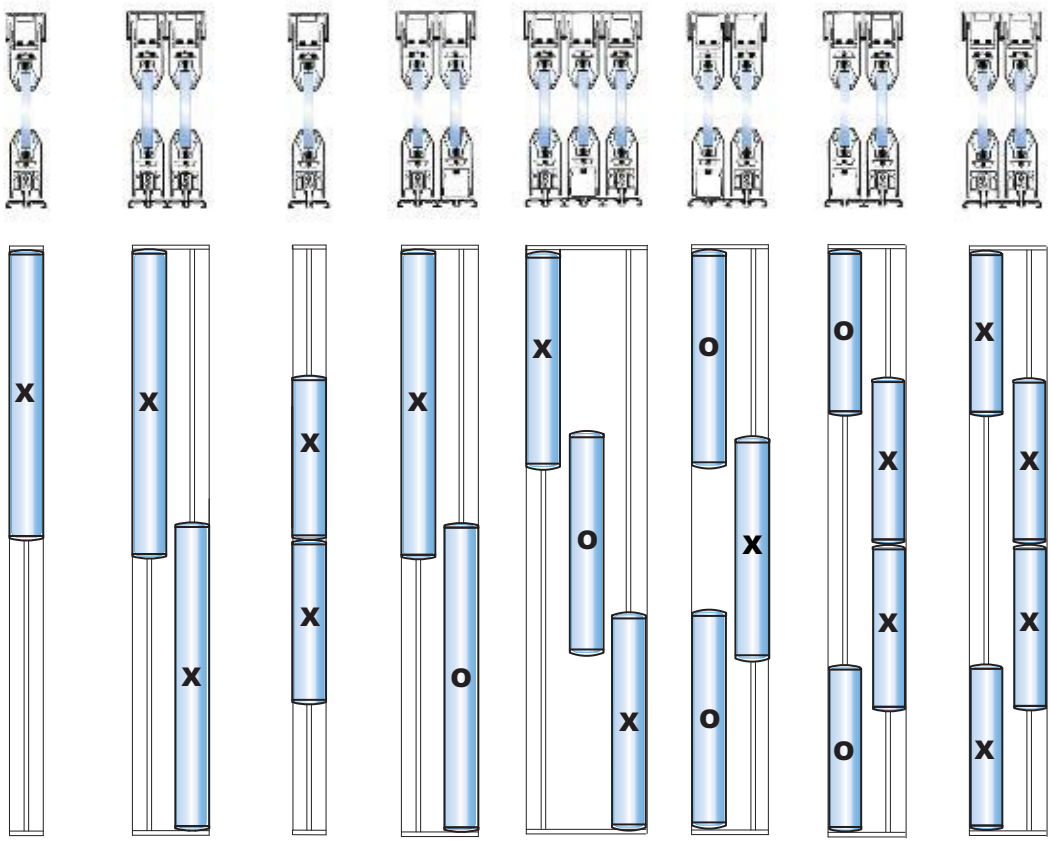
MORE INFORMATION crlaurence.com



4" Tapered Door Rail Top and Bottom; Clad or Non Clad for Both Sliding and Fixed Panels

The CRL SDR Bottom Rolling Sliding Door System with 4" (102 mm) Tapered Rails Top and Bottom utilizes our popular Wedge-Lock® Glass Securing System. The DR4T Series Door Rails are used for all door and fixed panels, and are custom fabricated to your specifications. The doors can be ordered with or without locks in the bottom rail. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg).

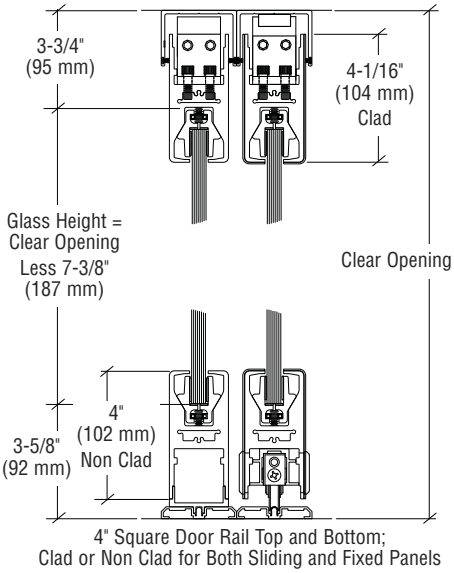
NOTE: Available by custom order only. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.


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CRL SDR Bottom Rolling Sliding Door System

- With 4" Square DR4S Series Door Rails
- Available in Seven Architectural Finishes

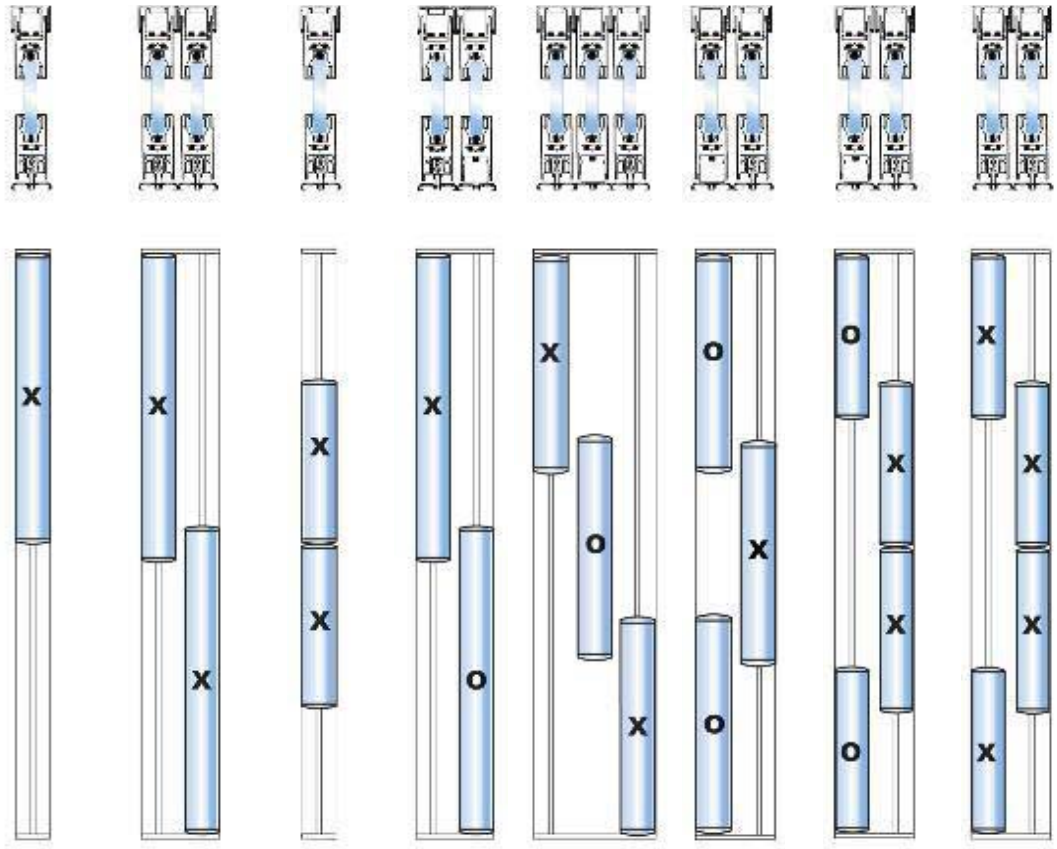
MORE CHOICES crlaurence.com



4" Square Door Rail Top and Bottom;
Clad or Non Clad for Both Sliding and Fixed Panels

The CRL SDR Bottom Rolling Sliding Door System with 4" (102 mm) Square Rails Top and Bottom utilizes our popular Wedge-Lock® Glass Securing System. The DR4S Series Door Rails are used for all door and fixed panels, and are custom fabricated to your specifications. The doors can be ordered with or without locks in the bottom rail. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg).

NOTE: Available by custom order only. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

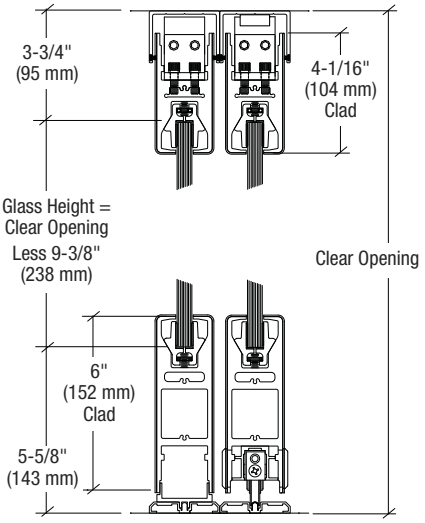

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CRL SDR Bottom Rolling Sliding Door System

- **With 4" Square DR4S Series Top Door Rails and 6" Square DR6S Series Bottom Door Rails**
- **Available in Seven Architectural Finishes**

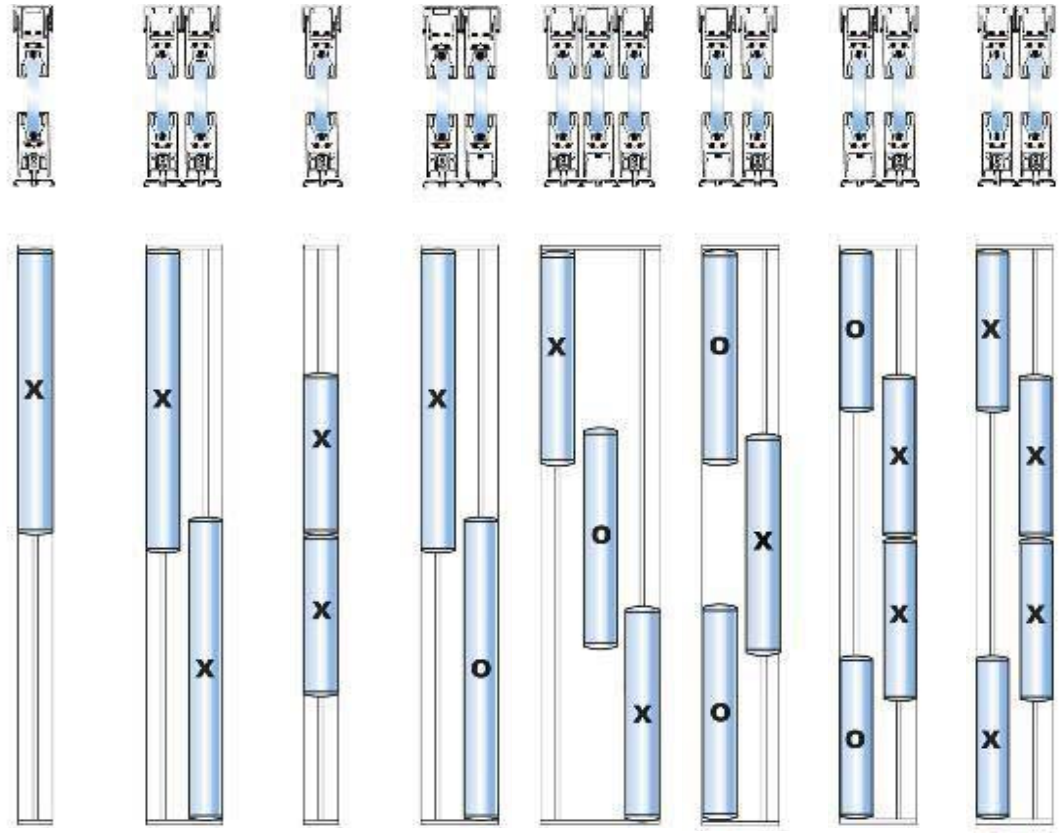
The CRL SDR Bottom Rolling Sliding Door System with 4" (102 mm) Square Top Rails and 6" (152 mm) Square Bottom Rails utilizes our popular Wedge-Lock® Glass Securing System. They can be ordered with or without locks in the bottom rail, and are custom fabricated to your specifications. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg).

NOTE: Available by custom order only. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.



4" Square Door Rail Top; 6" Square Door Rail Bottom; Clad or Non-Clad for Both Sliding and Fixed Panels

MORE INFORMATION crlaurence.com



Top View of Panels
X = Sliding Panel O = Fixed Panel

ARCH. SPEC. ONLINE

3/8" to 1/2"

USE MONOLITHIC TEMPERED GLASS

X	XX BYPASS	XX BI-PART	X0 (0X) BYPASS	X0X BYPASS	0X0 BYPASS	0XX0 BI-PART	XXXX BYPASS
SYSTEM USING 4" SQUARE RAILS TOP AND 6" SQUARE RAILS BOTTOM							
SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.
6SDR1A	6SDR2B	6SDR21B	6SDR2C	6SDR3D	6SDR3E	6SDR4F	6SDR42F

Minimum order: 1 each. Must ship common carrier.

FINISHES
Satin Anodized
Black Bronze Anodized
Black Powder Coat
*Brushed Stainless
*Polished Stainless
*Polished Brass
*Satin Brass

*Clad finish.

CRL SSR Bottom Rolling Sliding Door System

- With 4" Tapered DR4T Series Door Rails and 4" Tapered SR4T Series Sidelite Bottom Rails
- Available in Seven Architectural Finishes

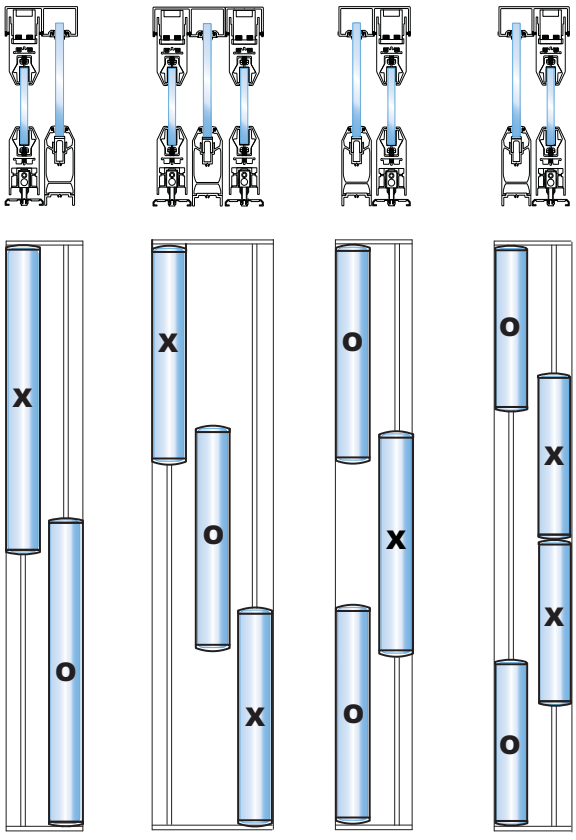


4" (102 mm) Tapered Bottom Rolling Rail

The CRL SSR Bottom Rolling Sliding Door System with 4" (102 mm) Tapered Rails utilizes our popular Wedge-Lock® Glass Securing System found in the DR4T Series Door Rails on all sliding panels. They can be ordered with or without locks in the bottom rail.

The fixed panels utilize our popular SR4T Series Sidelite Rails with roll-in vinyl at the bottom of the panel, and an integrated glazing channel with roll-in vinyl in the top track. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg). All panels are custom fabricated to your specifications.

NOTE: Available by custom order only. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.



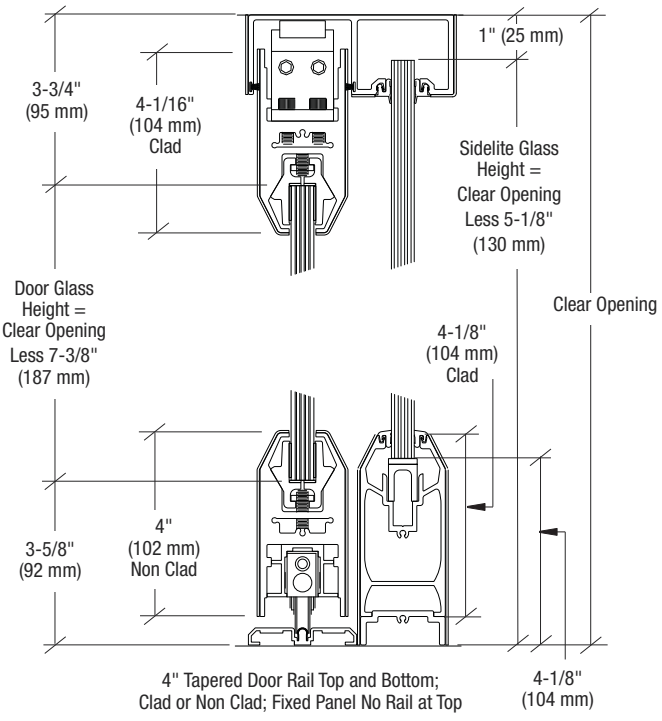
Top View of Panels
X = Sliding Panel O = Fixed Panel

X0 (0X) BYPASS	X0X BYPASS	0X0 BYPASS	0XX0 BI-PART
SYSTEM USING 4" TAPERED RAILS TOP AND BOTTOM			
SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.
SSR2C	SSR3D	SSR3E	SSR4F

Minimum order: 1 each. Must ship common carrier.

ARCH. SPEC. ONLINE

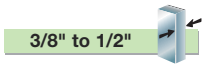
MORE CHOICES crlaurence.com



4" Tapered Door Rail Top and Bottom; Clad or Non Clad; Fixed Panel No Rail at Top

FINISHES
Satin Anodized
Black Bronze Anodized
Black Powder Coat
*Brushed Stainless
*Polished Stainless
*Polished Brass
*Satin Brass

*Clad finish.





CRL SSR Bottom Rolling Sliding Door System

- With 4" Square DR4S Series Door Rails and 4" Square SR4S Series Sidelite Bottom Rails
- Available in Seven Architectural Finishes

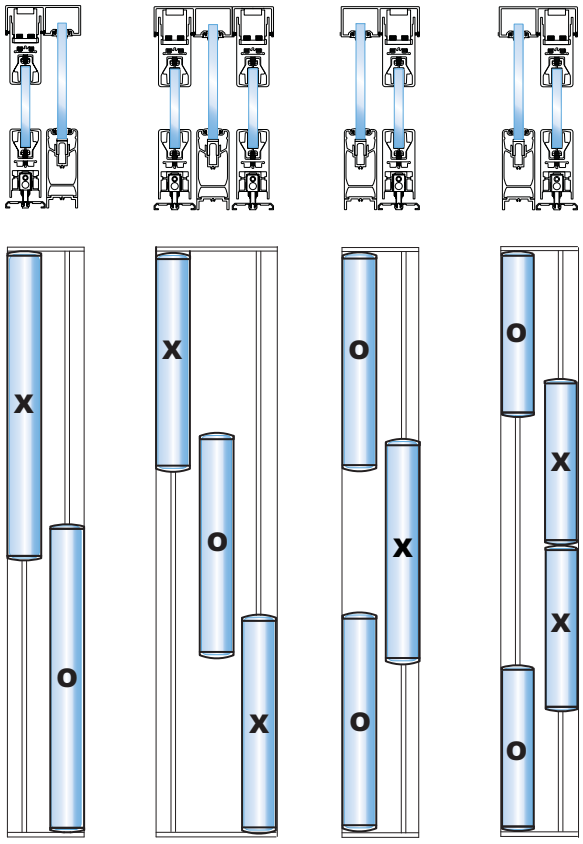


4" (102 mm) Square Bottom Rolling Rail

The CRL SSR Bottom Rolling Sliding Door System with 4" (102 mm) Square Rails utilizes our popular Wedge-Lock® Glass Securing System found in the DR4S Series Door Rails on all sliding panels. They can be ordered with or without locks in the bottom rail.

The fixed panels utilize our popular SR4S Series Sidelite Rails with roll-in vinyl at the bottom of the panel, and an integrated glazing channel with roll-in vinyl in the top track. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg). All panels are custom fabricated to your specifications.

NOTE: Available by custom order only. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.



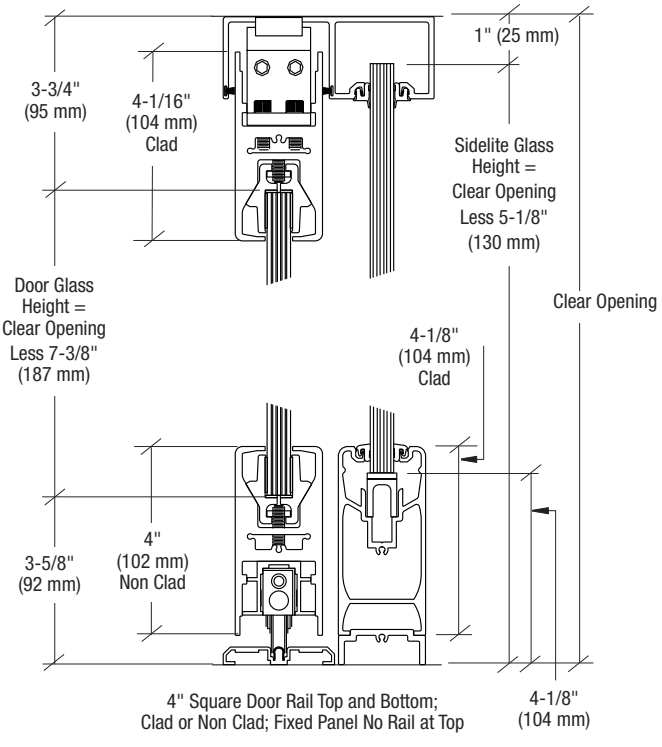
Top View of Panels
X = Sliding Panel O = Fixed Panel

X0 (0X) BYPASS	X0X BYPASS	0X0 BYPASS	0XX0 BI-PART
SYSTEM USING 4" SQUARE RAILS TOP AND BOTTOM			
SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.
4SSR2C	4SSR3D	4SSR3E	4SSR4F

Minimum order: 1 each. Must ship common carrier.

ARCH. SPEC. ONLINE

MORE INFORMATION crlaurence.com



4" Square Door Rail Top and Bottom; Clad or Non Clad; Fixed Panel No Rail at Top

FINISHES
Satin Anodized
Black Bronze Anodized
Black Powder Coat
*Brushed Stainless
*Polished Stainless
*Polished Brass
*Satin Brass

*Clad finish.





CRL SSR Bottom Rolling Sliding Door System

- With 4" Square DR4S Series Top Door Rails, 6" Square DR6S Series Bottom Door Rails, and 6" Square SR6S Series Bottom Sidelite Rails
- Available in Seven Architectural Finishes

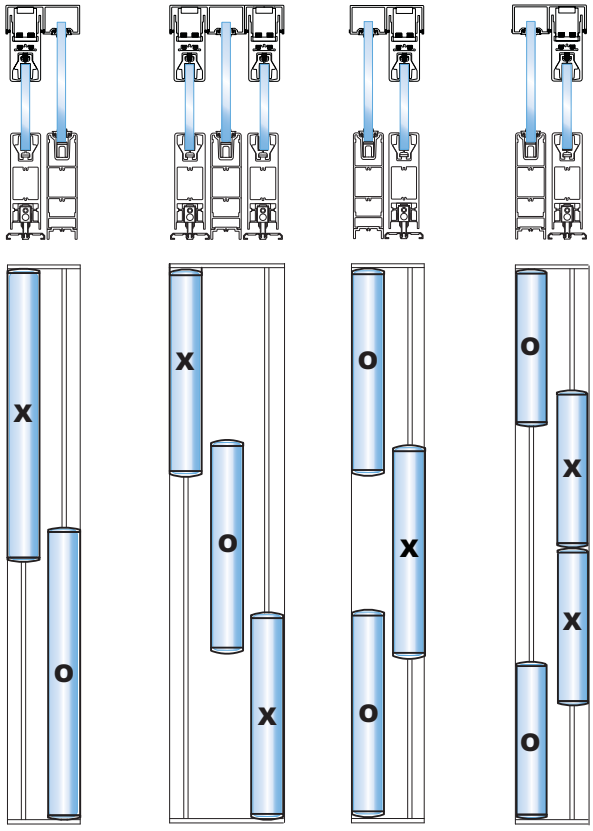


6" (152 mm) Square Bottom Rolling Rail

The CRL SSR Bottom Rolling Sliding Door System with 4" (102 mm) Square Door Top Rails and 6" (152 mm) Square Door Bottom Rails utilizes our popular Wedge-Lock® Glass Securing System on all sliding panels. They can be ordered with or without locks in the bottom rail.

The fixed panels utilize our popular SR6S Series Sidelite Rails with roll-in vinyl at the bottom of the panel, and an integrated glazing channel with roll-in vinyl in the top track. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg). All panels are custom fabricated to your specifications.

NOTE: Available by custom order only. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.



Top View of Panels

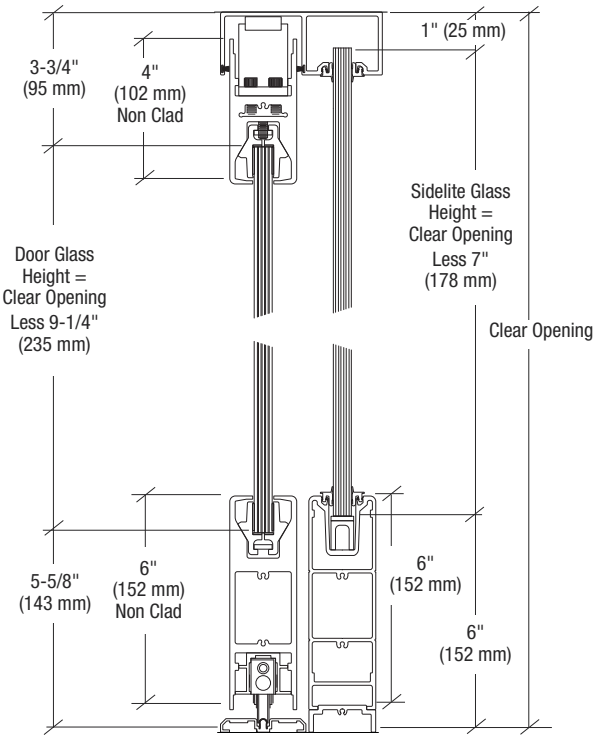
X = Sliding Panel O = Fixed Panel

X0 (0X) BYPASS	X0X BYPASS	0X0 BYPASS	0XX0 BI-PART
SYSTEM USING 4" SQUARE RAILS TOP AND 6" SQUARE RAILS BOTTOM			
SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.
6SSR2C	6SSR3D	6SSR3E	6SSR4F

Minimum order: 1 each. Must ship common carrier.

ARCH. SPEC. ONLINE

MORE CHOICES crlaurence.com



4" Square Door Rail Top; 6" Square Door Rail Bottom; Clad or Non Clad; Fixed Panel No Rail at Top

FINISHES
Satin Anodized
Black Bronze Anodized
Black Powder Coat
*Brushed Stainless
*Polished Stainless
*Polished Brass
*Satin Brass

*Clad finish.





CRL SDR and SSR Accessories

Top Track

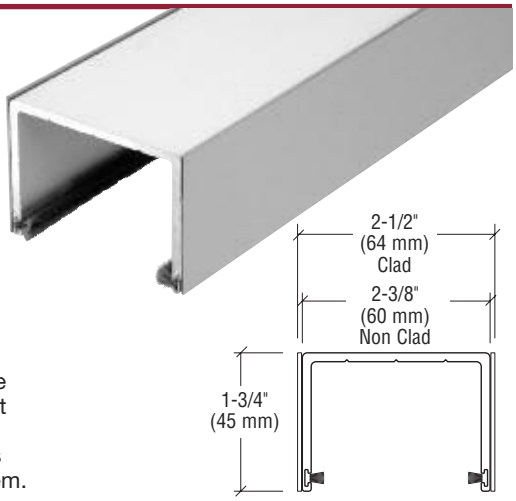
- **Available in Seven Architectural Finishes**

CAT. NO.	FINISH	LENGTH
SD1TTSA	Satin Anodized	120" (3.05 m)
SD1TTDU	Black Bronze Anodized	120" (3.05 m)
SD1TTBL	Black Powder Coat	120" (3.05 m)
SD1TTBS	*Brushed Stainless	120" (3.05 m)
SD1TTPS	*Polished Stainless	120" (3.05 m)
SD1TTPB	*Polished Brass	120" (3.05 m)
SD1TTSB	*Satin Brass	120" (3.05 m)

Minimum order: 1 each. Finishes can be combined for quantity pricing. *Clad finish. Must ship common carrier. Stock lengths cannot be cut to ship via U.P.S.

MORE INFORMATION crlaurence.com

CRL Top Track for Bottom Rolling Sliding Doors is available in stock lengths that you can cut to size in the field if conditions require mounting the Top Tracks prior to ordering the entire system.



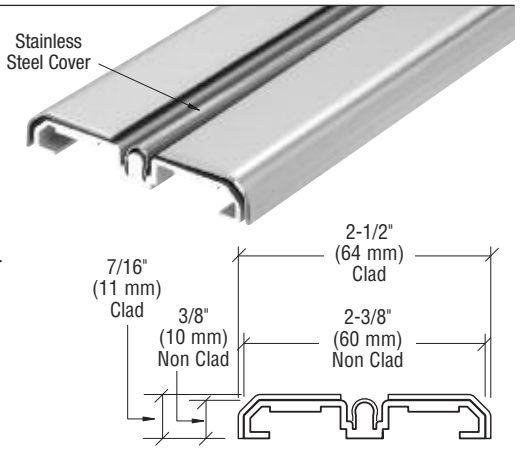
Bottom Track

- **With Stainless Steel Roller Guide Cover for Durability**

CAT. NO.	FINISH	LENGTH
SD1BTSA	Satin Anodized	120" (3.05 m)
SD1BTDU	Black Bronze Anodized	120" (3.05 m)
SD1BTBL	Black Powder Coat	120" (3.05 m)
SD1BTBS	*Brushed Stainless	120" (3.05 m)
SD1BTPS	*Polished Stainless	120" (3.05 m)
SD1BTPB	*Polished Brass	120" (3.05 m)
SD1BTSB	*Satin Brass	120" (3.05 m)

Minimum order: 1 each. Finishes can be combined for quantity pricing. *Clad finish. Must ship common carrier. Stock lengths cannot be cut to ship via U.P.S.

CRL Bottom Track for Bottom Rolling Sliding Doors comes standard with a durable stainless steel roller guide cover to prevent track wear. They are available in stock lengths that you can cut to size in the field if conditions require mounting the Bottom Tracks prior to ordering the entire system.



Heavy-Duty Bottom Roller Assembly

- **Allows Easy Alignment of Door Panels Without Removing the Door**

CRL Heavy-Duty Bottom Roller Assemblies are constructed from durable, long-lasting components capable of supporting 125 pounds (56.7 kg) each. They have a vertical adjustment of 9/16" (14 mm) for easy alignment of door panels without removing the doors. Minimum order is one each.



CAT. NO. SDR100



Straddle Lock for Bottom Rolling Doors

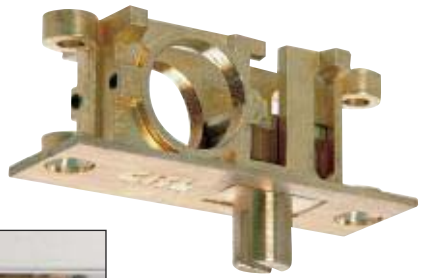
MORE CHOICES crlaurence.com

- **Works With Mortise Type Key Cylinders or Thumbturns**

The CRL Straddle Lock comes standard with all CRL Bottom Rolling Sliding Doors. The bolt is designed to straddle the stainless steel track cover of the SD1BT Series Bottom Track, penetrating at the sides of the cover, allowing the door panels to roll freely across the locking position. It works with our Cat. No. DRA10 Series Mortise Key Cylinders and Cat. No. DRA20 and DRA22 Series Mortise Thumbturns. Minimum order is one each.







CAT. NO. SDRL0CK1

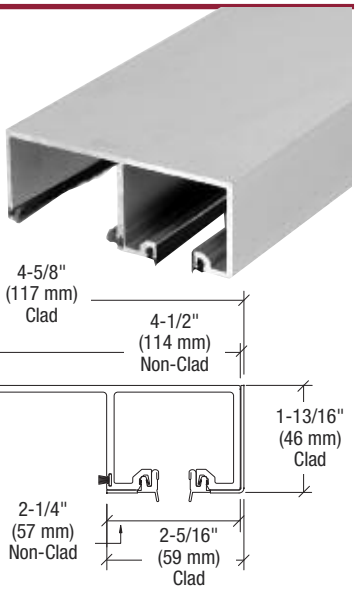
CRL SDR and SSR Accessories

SSR Top Track With Glazing Pocket

- **Comes With Roll-In Glazing Vinyl for 1/2" (12 mm) Tempered Glass**

MORE INFORMATION
crlaurence.com





CAT. NO.	FINISH	LENGTH
SSR1TTSA	Satin Anodized	120" (3.05 m)
SSR1TTDU	Black Bronze Anodized	120" (3.05 m)
SSR1TTBL	Black Powder Coat	120" (3.05 m)
SSR1TTBS	*Brushed Stainless	120" (3.05 m)
SSR1TTPS	*Polished Stainless	120" (3.05 m)
SSR1TTPB	*Polished Brass	120" (3.05 m)
SSR1TTSB	*Satin Brass	120" (3.05 m)

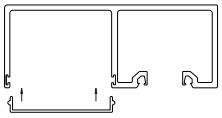
Minimum order: 1 each. Finishes can be combined for quantity pricing. *Clad finish.
Must ship common carrier. Stock lengths cannot be cut to ship via U.P.S.

CRL SSR Top Track With Glazing Pocket is available in stock lengths that you can cut to size in the field if conditions require mounting the SSR Top Tracks prior to ordering the entire system. Roll-In Glazing Vinyl for 1/2" (12 mm) glass is included. Choice of seven architectural finishes.

Snap-In Filler Strip for Sliding Door Pocket



- **Snaps Into the Unused Sliding Door Pocket of Our SD1TT and SSR1TT Series Top Track**

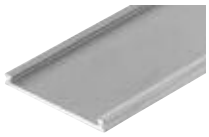


Snap-In Filler Strip for the Sliding Door Pocket of the Top Track gives your project that finished look. It is available in seven architectural finishes.

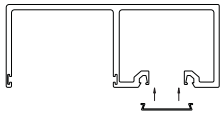
CAT. NO.	FINISH	LENGTH
SDTTF1SA	Satin Anodized	120" (3.05 m)
SDTTF1DU	Black Bronze Anodized	120" (3.05 m)
SDTTF1BL	Black Powder Coat	120" (3.05 m)
SDTTF1BS	*Brushed Stainless	120" (3.05 m)
SDTTF1PS	*Polished Stainless	120" (3.05 m)
SDTTF1PB	*Polished Brass	120" (3.05 m)
SDTTF1SB	*Satin Brass	120" (3.05 m)

Minimum order: 1 each. Finishes can be combined for quantity pricing. *Clad finish.
Must ship common carrier. Stock lengths cannot be cut to ship via U.P.S.

Snap-In Filler Strip for Glass Pocket



- **Snaps Into the Unused Glass Pocket of Our SSR1TT Series Top Track**



Snap-In Filler Strip for the Glass Pocket of the Top Track conceals the unused glass pocket. It is available in seven architectural finishes to give your project a finished look.

CAT. NO.	FINISH	LENGTH
NHF12SA	Satin Anodized	120" (3.05 m)
NHF12DU	Black Bronze Anodized	120" (3.05 m)
NHF12BL	Black Powder Coat	120" (3.05 m)
NHF12BS	*Brushed Stainless	120" (3.05 m)
NHF12PS	*Polished Stainless	120" (3.05 m)
NHF12PB	*Polished Brass	120" (3.05 m)
NHF12SB	*Satin Brass	120" (3.05 m)

Minimum order: 1 each. Finishes can be combined for quantity pricing. *Clad finish.
Must ship common carrier. Stock lengths cannot be cut to ship via U.P.S.

Sliding Door Gap Closing Polycarbonate

- **Simple Snap-On Installation for 1/2" (12 mm) Glass**

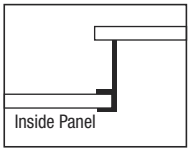
This clear polycarbonate extrusion closes the gap between the two sliding panels in our SDR and SSR Series Sliding Door Systems. Fits glass up to 1/2" (12 mm) thick, and can be permanently adhered using our Cat. No. AT04014 Double-Sided Very High Bond Tape. Simply apply tape to leading edge of glass on inside panel, then snap polycarbonate in place.

CAT. NO.	LENGTH
SDGC98	98" (2.5 m)

Minimum order: 1 each. Stock lengths are individually packed to protect them during shipping.



Closes Gaps Up to
1-13/16" (46 mm) Wide



Optional Pull Hardware



CRL Thru-Glass Pull
Cat. No. FP214BS
See page CH227



CRL SGH8 Series Frameless
Sliding Door Handle
See page CH096



CRL Wall Panel Cladding Systems

PHOTO GALLERY crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

- **Incredibly Strong, Lightweight Material**
- **Requires Less Complex Sub-Structuring**
- **Colors are Strongest, Brightest, and Longest Lasting on the Market Today**
- **Can Be Curved and Bent Into Complex Shapes**
- **Ideal for Exterior Canopies, Entryways, Soffits, Fascia Bands, Building Cladding, Modular Building Exteriors, Column Covers, and Signage**

CRL Wall Panel Systems have four easy mounting options to choose from. We fabricate using ALPOLIC® Aluminum and Metal Composite Materials with the highest levels of product performance and reliability. These panels are extremely strong, offering the rigidity of heavy gauge sheet metal in a lightweight material with superior flatness, vibration dampening, durability, and ease of maintenance. Our panels use LUMIFLON® resin which are the strongest, brightest, and longest lasting of any aluminum composite material paint finishes on the market today.

Office buildings, sports venues, theaters, healthcare facilities, retail chains, restaurants, auto dealerships and more are using Wall Panel Systems on both the exterior and interior to create a distinctive image inspired by designers and architects to reach new heights in futuristic designs. Whether you're working on a new building or renovating an existing one, let our knowledgeable Technical Staff assist you with the right Wall Panel System. For additional information, go to **crlaurence.com/wall-panels** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.

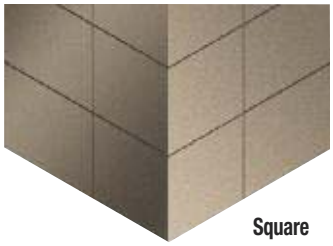








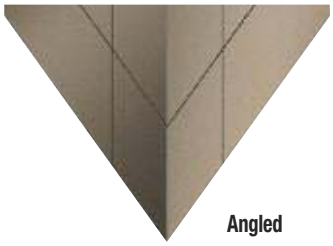
Available to Accommodate Many Configurations



Square



Curved



Angled

ALPOLIC is a registered trademark of Mitsubishi Plastics, Inc.
LUMIFLON is a registered trademark of Asahi Glass Company, Ltd.

CRL Column Covers (Cladding)

MORE INFORMATION
crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

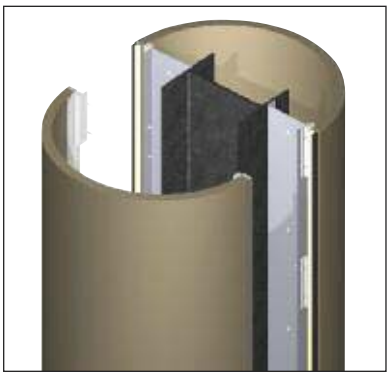




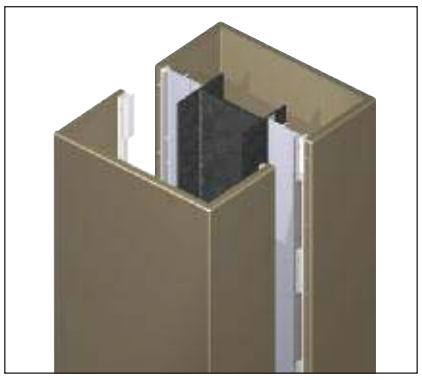
- **Versatile Wet or Dry Systems That Include All Bracketing, Angles, Trims, and Clips**
- **Expertly Manufactured to Your Specifications in Our Los Angeles Facility**
- **High Quality Craftsmanship and the Latest Technology Available**
- **Available in Stainless Steel, Aluminum, Bronze, Brass, Aluminum Composite, and Metal Composite**
- **Three Attaching Systems: Standard Wet Seal, Deluxe Wet Seal, and Premier Dry Seal**
- **Shop Drawings and Engineering Assistance as Required on the Project – It's Part of Our Complete Package**

CRL Panel Systems provide a variety of options for exciting new design expression. Flexible in both available sizes and shapes, our panels are ideal for use as column cover cladding, for incorporation into a curtainwall system, or for ceiling and wall panels. All are custom designed and manufactured at our Los Angeles manufacturing facility using the latest technology and machinery to produce an elegant and efficient panel system to meet your needs.

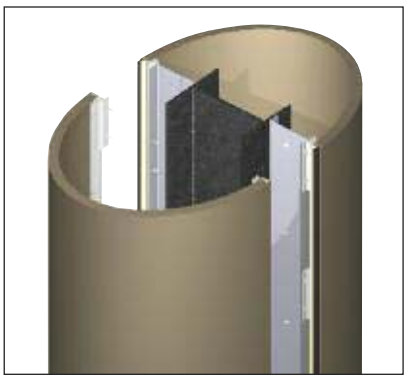
For additional information on Column Covers go to **crlaurence.com/column-covers** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.



Round



Square



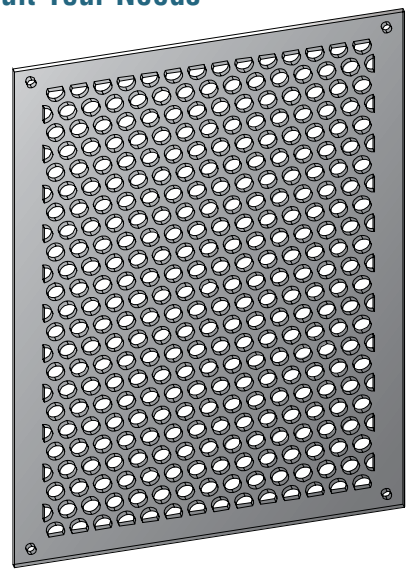
Elliptical

Standard Configurations of Column Covers Can Be Fabricated Up to 156" (3.9 m) in Length

CRL Perforated Panel Systems

- Sun Control Systems Available in Aluminum and Stainless Steel
- Different Patterns and Perforation Diameters Can Be Designed to Suit Your Needs
- A Cost-Efficient and Attractive Building Addition





Typical Perforated Panel Detail



CRL Perforated Panel Systems provide a unique look to any modern edifice. Tastefully designed and skillfully manufactured at CRL's own Los Angeles facility, these Perforated Panels add privacy, and can also act as a sunshade to reduce interior heat.

Strategically placed panels can give an older building a newer, more modern look, while at the same time serving to increase the efficiency of cooling systems. They are available in any number of finishes and perforation patterns, and can be retrofit to the building without major structural reconfiguration. CRL engineers will assist with design and installation plans to make your project a cost-efficient and attractive building addition.

For additional information, go to **crlaurence.com/arch-metals** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.

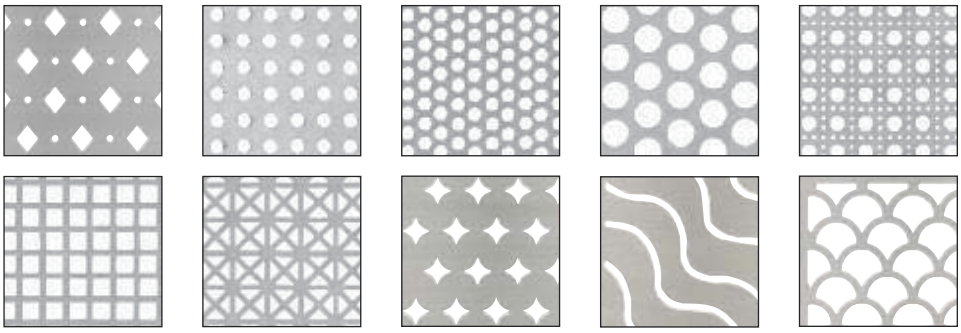


Finishes Include

- Brushed Stainless
- Polished Stainless
- Non-Directional
- Custom Paint

MORE INFORMATION
crlaurence.com





CRL Perforated Panels are available in a variety of thicknesses in Steel, Galvanized, Stainless Steel, and Aluminum. Panel finishes of mill, powder paint, and KYNAR® cover almost any color selection. Choose from standard stock sheets or we can custom fabricate panels using our CNC Laser and Waterjet Cutters.

KYNAR is a registered trademark of Autofina Chemicals, Inc.

CRL Custom Entrances

- **Your Ideas Become Reality With Custom Fabrication by CRL**
- **Engineers Available for Testing, Shop Drawings, and Production Support**
- **State-of-the-Art Manufacturing Offers Short Lead Times**

MORE INFORMATION crlaurence.com

It starts with your idea, then CRL turns it into reality. CRL Engineers can make just about any Custom Entrance you might imagine. Just send your specifications or architectural drawings to CRL's Architectural and Ornamental Metals Technical Sales Staff and they will assist you with your Custom Entrance project. Our Technical Sales Staff will address feasibility, safety concerns, and possible alternate solutions in order to prepare a fair and accurate job quote.

CRL's Rapid Customization Program offers the shortest possible lead times in the industry from sketch, to quote, to fabrication, then on to delivery. This is done several ways, and an important factor is keeping the entire process "in-house". Allowing CRL Manufacturing to control such processes as drafting, modeling, raw material procurement, cutting optimization, high-speed fabrication, finishing, powder coating, batch painting, packing, and shipping all makes for efficient and speedy delivery of your Custom Entrances.



For more information, go to **crlaurence.com/arch-metals** or contact CRL's Architectural and Ornamental Metals Division at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.



Other Custom Metalwork We Can Offer You

No matter how difficult the project, we can offer a solution that is sure to meet your approval. We are experts in the design and fabrication of custom metalwork. Let us quote your custom metalwork requirements. You'll find CRL to be both competent and competitive.



Custom Canopy Panels



Perforated Aluminum Light Covers



Decorative Metal Awnings

CRL Sunshade and Canopy Systems

- Completely Fabricated Sunshade Systems
- Custom Sunshade Component Parts
- Aluminum and Steel Canopies
- Practical Design for Minimal Field Labor

An element of sophistication and modern design, CRL Sunshades and Canopies can transform an indistinct building into a space of beauty and expression.

Each system is built to specifications in our Los Angeles facility under strict standards that have earned CRL many prestigious awards for manufacturing excellence. CRL engineers will work with you to create an elegant and functional Sunshade or Canopy System that is sure to impress.

For additional information, go to **crlaurence.com/arch-metals** or contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.

MORE CHOICES
crlaurence.com











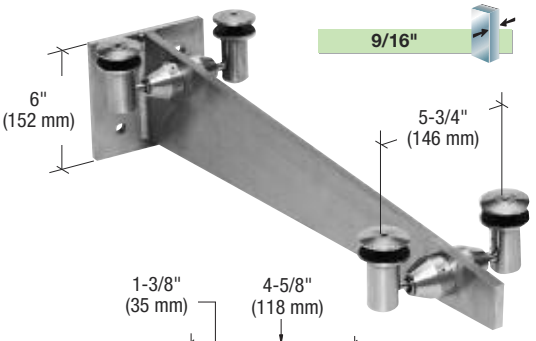
CRL Universal Wall Mounted Glass Awning Brackets

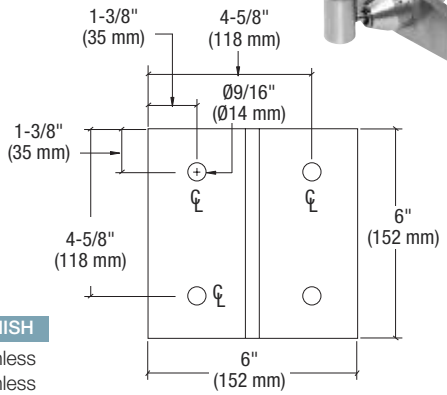
- Used on Flat or Curved Top Segmented Glass Awnings
- Fabricated From 304 Alloy Stainless Steel
- Available in Brushed or Polished Finishes
- Custom Angles or 45 Degree Corner Brackets are Available on Special Order
- Requires 9/16" (14 mm) Thick Laminated Tempered Glass





These Universal Wall Mount Glass Awning Brackets have really become popular, not just for their looks, but also their versatility. Each Bracket has four glass attachments that require one 3/4" (19 mm) hole in the glass per attachment. They are designed to be used with 9/16" (14 mm) thick laminated tempered glass. The swiveling glass attachments adjust 16 degrees (8 degrees in any direction) to accommodate for segmented, bent or warped glass. For custom sizes and configurations, visit our web site at **crlaurence.com/glass-awnings** or contact Architectural Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.





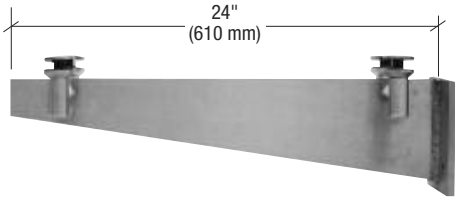
Base Plate

Also Available



Curved and Sloped Awning Brackets in Three Stock Sizes. Go to **crlaurence.com/glass-awnings** for additional information.

MORE INFORMATION
crlaurence.com

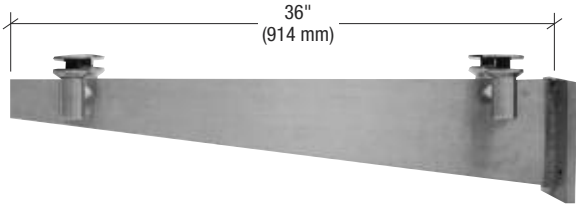


CRL 24" (610 mm) Glass Awning Bracket

CAT. NO.	FINISH
GAB24BS	Brushed Stainless
GAB24PS	Polished Stainless

Minimum order: 1 each. Sizes can be combined for quantity pricing.

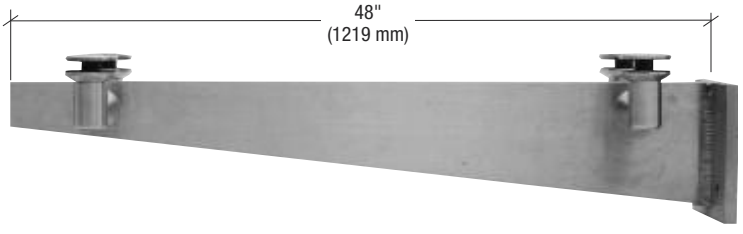
CRL 36" (914 mm) Glass Awning Bracket



CAT. NO.	FINISH
GAB36BS	Brushed Stainless
GAB36PS	Polished Stainless

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL 48" (1219 mm) Glass Awning Bracket



CAT. NO.	FINISH
GAB48BS	Brushed Stainless
GAB48PS	Polished Stainless

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Glass Awning Support System

- **Complete Hardware System for 9/16" (14 mm) Laminated Tempered Glass Awnings**
- **Provides Protection From the Weather Without Obstructing the View**
- **Adjustable Slope for Most Weather Conditions**
- **All High Grade Alloy 316 Stainless Steel Components for Panel Sizes Up to 48" (1219 mm) Wide and 72" (1829 mm) Long With Two Rods and Mounting Kits**

The CRL Glass Awning Support System will give any entrance an uncomplicated, graceful look. With the use of laminated tempered glass you can add a range of glass colors, textures, and special effects not available with typical monolithic glass. This complements and enhances the design of any building.

For additional product information, visit our web site at **crlaurence.com/glass-awnings**.

MORE INFORMATION crlaurence.com



SPECIFICATIONS:

Material: All 316 alloy stainless steel construction.

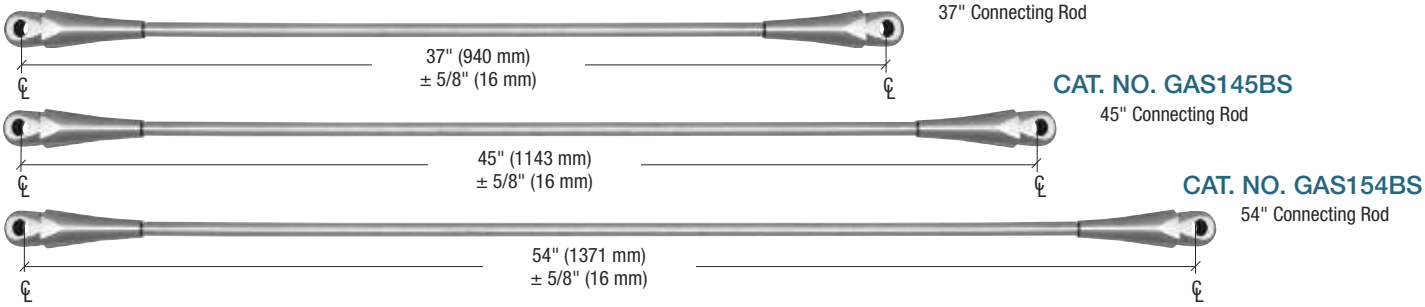
Typical Panel: 9/16" (14 mm) thick laminated tempered glass comprised of 1/4" (6 mm) tempered glass, .060" (1.5 mm) interlayer, and 1/4" (6 mm) tempered glass.

Glass Fabrication Required: Two 5/8" (16 mm) and two 1-1/16" (27 mm) diameter holes per panel.

Ordering Tip: Though sold individually, two Connecting Rods and two Mounting Kits are required for each panel.



NOTE: Glass Panel Not Included



CAT. NO. GAS137BS
37" Connecting Rod

CAT. NO. GAS145BS
45" Connecting Rod

CAT. NO. GAS154BS
54" Connecting Rod

- **Brushed Stainless Finish**

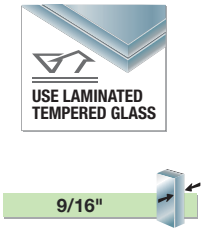


Oval Top Mounting Bracket and Pivot for edge of glass furthest from building are connected by one of three available Rod lengths



Bottom Mount and Pivot are connected to each other to support edge of glass nearest the building

CAT. NO. GAS190BS
Mounting Kit Only for One Rod





CAT. NO. GAS122BS
Optional Double Plate Pivot for edge of glass panels furthest from building

GLASS AWNING SYSTEM COMPONENTS

CAT. NO.	DESCRIPTION
GAS137BS	Rod for 36" (914 mm) Wide Panels*
GAS145BS	Rod for 42" (1067 mm) Wide Panels*
GAS154BS	Rod for 48" (1219 mm) Wide Panels*
GAS190BS	Mounting Kit Only for One Rod*
GAS122BS	Double Plate Pivot

Minimum order: 1 each. *Two Rods and Two Mounting Kits required for each panel. Stainless Steel Mounting Screws not included.

CRL Glass Awning Tension Rod End Fittings

- Additional Support for Canopies and Awnings
- Alloy 316 Brushed Stainless Steel
- Available in Four Diameters
- Easily Attaches to the Rod (Sold Separately Below)

Many Glass Awnings require the additional support provided by Tension Rods. Four sizes of End Fittings can be combined with a cut-to-length Tension Rod to achieve the additional support required by the design of your Canopy or Awning.

End Fittings are sold in a set of two (one right hand thread and one left hand thread). When mated with the Tension Rods below (sold separately) adjustments in or out can be made easily by simply rotating the Rod. The adjustment is secured in place with a locking collar.

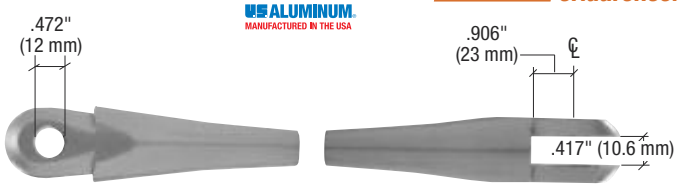
For additional product information, visit our web site at **crlaurence.com/glass-awnings**.





CRL US ALUMINUM MANUFACTURED IN THE USA

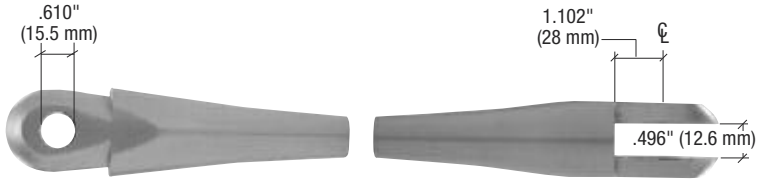
MORE INFORMATION crlaurence.com



ENDS FOR .472" (12 MM) ROD (SET OF 2)

CAT. NO.	CONNECTION HOLE	CONNECTION WIDTH	HOLE TO END
270112	.472" (12 mm)	.417" (10.6 mm)	.906" (23 mm) Maximum

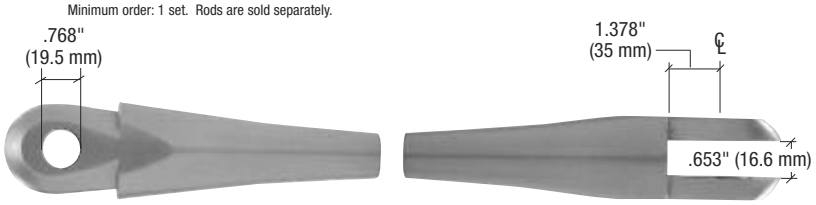
Minimum order: 1 set. Rods are sold separately.



ENDS FOR .630" (16 MM) ROD (SET OF 2)

CAT. NO.	CONNECTION HOLE	CONNECTION WIDTH	HOLE TO END
270116	.610" (15.5 mm)	.496" (12.6 mm)	1.102" (28 mm) Maximum

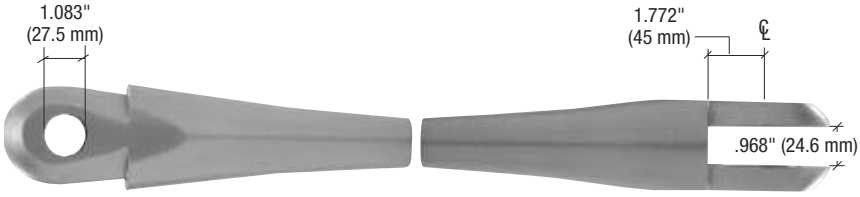
Minimum order: 1 set. Rods are sold separately.



ENDS FOR .787" (20 MM) ROD (SET OF 2)

CAT. NO.	CONNECTION HOLE	CONNECTION WIDTH	HOLE TO END
270120	.768" (19.5 mm)	.653" (16.6 mm)	1.378" (35 mm) Maximum

Minimum order: 1 set. Rods are sold separately.



ENDS FOR 1.102" (28 MM) ROD (SET OF 2)

CAT. NO.	CONNECTION HOLE	CONNECTION WIDTH	HOLE TO END
270128	1.083" (27.5 mm)	.968" (24.6 mm)	1.772" (45 mm) Maximum

Minimum order: 1 set. Rods are sold separately.

CRL Custom Fabricated Tension Rods



CRL Manufacturing will cut to length then fabricate Tension Rods to meet your specifications. The length is from the center-line of the hole in each End Fitting. Select the diameter of the Rod and we will do the rest. Fabricated from Alloy 316 brushed stainless steel.



CRL Manufacturing will cut the Rod length



CRL Manufacturing will thread the Rod



Rod Ends are Installed in the field

- Alloy 316 Brushed Stainless Steel

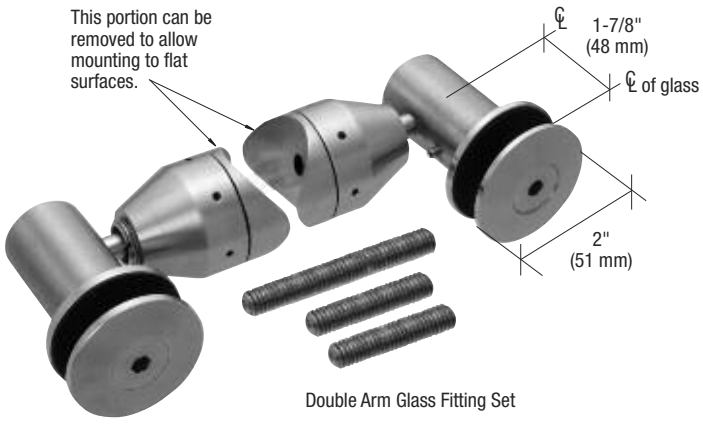
CAT. NO.	ROD DIAMETER	ROD LENGTH
270112CR	.472" (12 mm)	Specify
270116CR	.630" (16 mm)	Specify
270120CR	.787" (20 mm)	Specify
270128CR	1.102" (28 mm)	Specify

Minimum order: 1 each

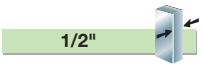
Loads, specifications, and detailed drawings are available online at **crlaurence.com/glass-awnings**.

CRL Double Arm Glass Fittings for Post or Flat Surface Mounting

- Designed for Canopies, Awnings, Railings, and Other Applications Using 1/2" (12 mm) Laminated Tempered Glass
- Complete With Hardware to Mount to Post, Column or Wall
- Compact Design for Minimal Obstruction
- Stainless Steel Construction for Durability
- Accommodates Straight or Segmented Applications



Double Arm Glass Fitting Set



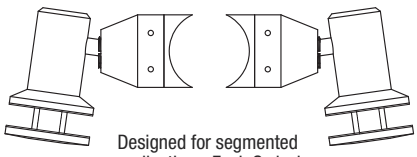
SPECIFICATIONS:
For Use With 1/2" (12 mm) Laminated Tempered Glass (Do not use with raw or annealed glass)
Glass Fabrication:
One 3/4" (19 mm) Diameter Hole Per Fitting





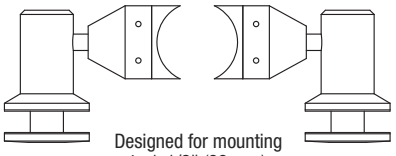
Post Mount Application

Swivel Fitting

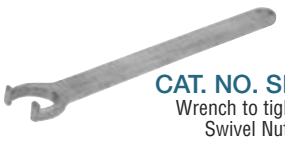


Designed for segmented applications. Each Swivel Fitting is adjustable up to 8 degrees

Fixed Fitting



Designed for mounting to 1-1/2" (38 mm) Schedule 40 Post, Flat Column, or Flat Wall Surface



CAT. NO. SNW3
Wrench to tighten Swivel Nut

SWIVEL FITTING SET

CAT. NO.	FINISH
RB50SBS	Brushed Stainless
RB50SPS	Polished Stainless

Minimum order: 1 each. Glass Fittings can be combined for quantity pricing.

FIXED FITTING SET

CAT. NO.	FINISH
RB50FBS	Brushed Stainless
RB50FPS	Polished Stainless

Minimum order: 1 each. Glass Fittings can be combined for quantity pricing.

CRL 90 Degree Glass-to-Glass Swivel Fitting

MORE INFORMATION crlaurence.com

- Designed for 90 Degree Glass-to-Glass Connections
- Strong Stainless Steel Construction
- 16 Degrees of Adjustability (8 Degrees in Each Direction)



SPECIFICATIONS:
For Use With 1/2" (12 mm) Laminated Tempered Glass (Do not use with raw or annealed glass)
Glass Fabrication:
One 3/4" (19 mm) Diameter Hole Per Fitting



CAT. NO.	FINISH
RB55SBS	Brushed Stainless
RB55SPS	Polished Stainless

Minimum order: 1 each. Glass Fittings can be combined for quantity pricing.

A Large Stock Selection of Tested Spider Fittings for Every Type of Installation

- Heavy-Duty Spiders, Regular Duty Spiders, and Mini Spiders Available
- Designed for the 'All-Glass' Look
- Made of 316 Alloy Stainless Steel
- For Mounting to Posts, Walls, and Column Fins
- Use Mini Spiders for Hand Rails, Guard Rails, and Awnings

MORE INFORMATION crlaurence.com



All Glass Façades can be accomplished by using our stock Spider Fittings. The Spiders can be attached to vertical columns, vertical "I" beams, or vertical glass fins, giving the façade a look of glass sheets floating in space with no vertical or horizontal metal. The fittings and glass attachments come in regular duty and heavy-duty models that are tested and certified to meet your installation needs. Our personnel will guide you through the design and quotation process, and can also provide you with calculated and certified drawings, stamped by a licensed engineer.

For additional product information, visit our web site at **crlaurence.com/spider-fittings**. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7730. You can also send us an e-mail at **crlaurence.com/support**.

CRL Column and Glass Fin Supported Systems



In a Column Supported System, vertical columns are designed to support the weight of the glass wall that is attached with Spider Fittings.



In a Glass Fin Supported System, vertical heavy glass fins are placed at 90 degrees to the glass wall. The Spider Fittings are attached to both the fin and the glass wall.

CRL Spider Fittings for Hand Rails, Guard Rails, and Awnings



Spider Fittings are often attached to a vertical post for hand railing applications.



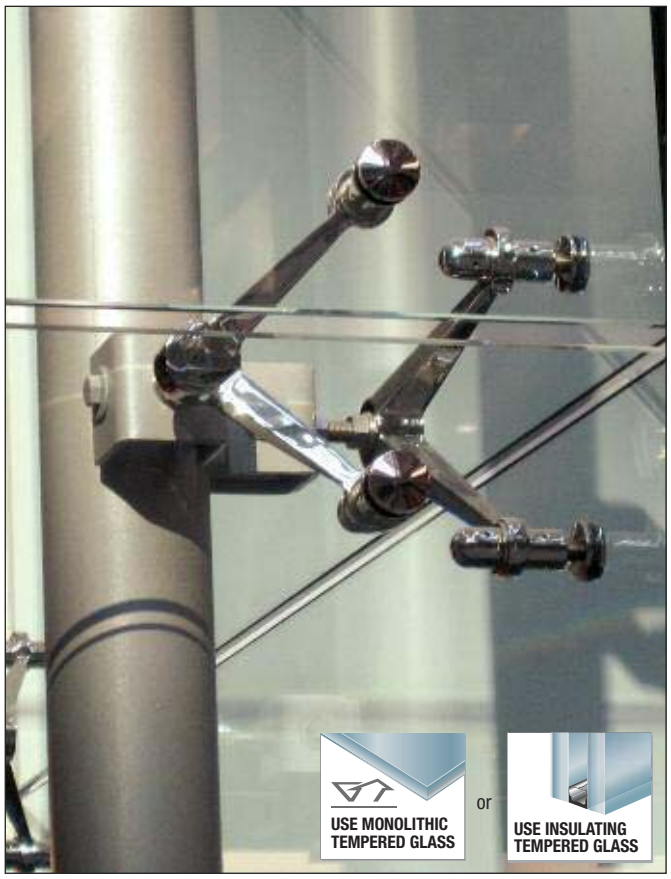
Mini Spider Fittings can be modified for custom guard rail installations.



Heavy-Duty Spider Fittings attached to the top of engineered beams to create a glass awning.

CRL Heavy-Duty Spider Fittings

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered Glass, and 1-1/4" (32 mm) Insulating Glass
- Spiders for Mounting to Posts, Walls or Fins
- Designed for the 'All-Glass' Look
- New Combination Glass Attachments – Same Attachment Can Be Used for Flush Mount or Cap Mount Applications – Rigid Head and Swivel Head Styles Available
- Made of 316 Alloy Stainless Steel



MORE INFORMATION crlaurence.com



For additional product information, visit our web site at **crlaurence.com/spider-fittings**. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7730. You can also send us an e-mail at **crlaurence.com/support**.

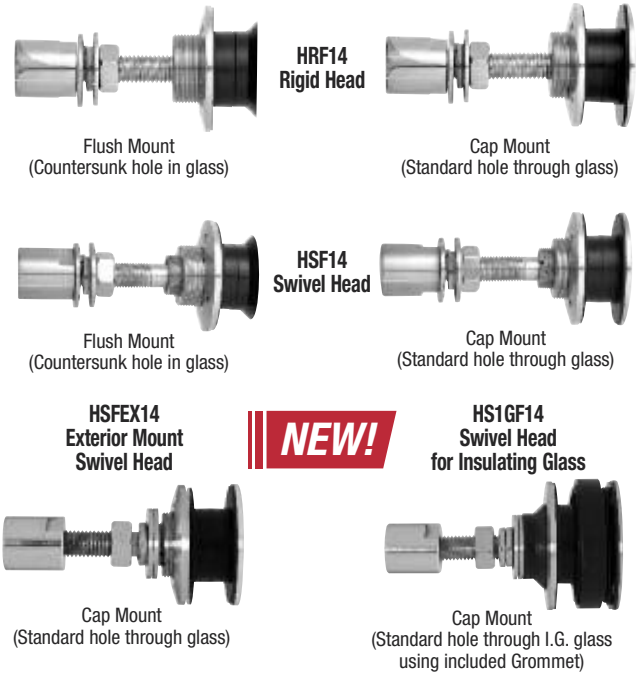
CRL Combination Glass Attachments

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered Glass, and 1-1/4" (32 mm) Insulating Glass

Our Rigid Head Glass Attachments allow for a secure attachment and minimize the deflection of the glass panels. This type of fitting is typically used only for interior applications.

The head of the Swivel Glass Attachment can tilt up to 6 degrees in any direction on its ball and socket joint. This allows for any stress applied to the glass to be more evenly distributed across the entire panel of glass rather than concentrating at the hole. These are typically used in conditions where the glass will be subject to live loads. New Model HS1GF14 is designed for use with 1-1/4" (32 mm) insulating glass units.

Our Rigid Head and Swivel Head Combination Glass Attachment Fittings can be used for 'flush' mounting for a smooth exterior surface when the glass is fabricated with a countersunk hole. We suggest when using the flush mount method that you give your glass fabricator a sample Flush Mount Glass Attachment to ensure a proper flush fit. This same Fitting can be used for 'cap' type mounting when using the supplied adaptor washer. This requires just a standard hole in the glass. Visit our web site at **crlaurence.com/spider-fittings** for more information.



RIGID HEAD CAT. NO.	SWIVEL HEAD CAT. NO.	EXTERIOR MOUNT SWIVEL HEAD CAT. NO.	INSULATING GLASS SWIVEL HEAD CAT. NO.	FINISH
HRF14BS	HSF14BS	HSFEX14BS	HS1GF14BS	Brushed Stainless
HRF14PS	HSF14PS	-----	HS1GF14PS	Polished Stainless

Minimum order: 1 each. All Glass Attachments can be combined for quantity pricing.



CAT. NO. WKSP1HD
Wrench Kit For CRL Heavy-Duty Spider Fittings

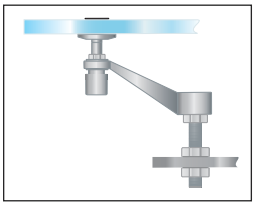
Minimum order is one each

CRL Single Arm Heavy-Duty Post Mount Fitting

- **For Use With Glass Up to 1-1/16" (27 mm)***
- **Complete With Hardware to Mount to Post or Column**

This Single Arm Fitting is used to attach a single glass panel to a structural end post. Comes with a 16 mm x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMH2BS or PMH2PS.



Glass Attachments Must Be Ordered Separately (See page CH296)

MORE INFORMATION crlaurence.com



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMH1BS	Brushed Stainless
PMH1PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

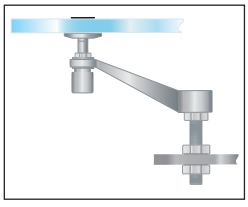
CRL Single Long Arm Heavy-Duty Post Mount Fitting

USE MONOLITHIC TEMPERED GLASS

- **For Use With Glass Up to 1-1/16" (27 mm)***
- **Complete With Hardware to Mount to Post or Column**

This Long Arm Fitting is used to attach a single glass panel to structural end post and match over "V" fitting arms. Comes with 16 mm x 99.5 mm (3-7/8") stainless steel threaded stud and matching nuts with washers.

For companion Fittings use Cat. Nos. PMH2VBS, PMH2VPS, PMH3BS, PMH3PS, PMH4BS or PMH4PS.



Glass Attachments Must Be Ordered Separately (See page CH296)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMH1LBS	Brushed Stainless
PMH1LPS	Polished Stainless

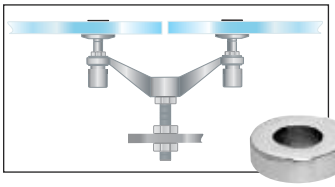
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

CRL Double Arm Heavy-Duty Post Mount Fitting

- **For Use With Glass Up to 1-1/16" (27 mm)***
- **Complete With Hardware to Mount to Post or Column**

This Double Arm Fitting is used to attach two inline glass panels to a structural center post. Comes with 16 mm x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMH1BS or PMH1PS.



Glass Attachments Must Be Ordered Separately (See page CH296)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMH2BS	Brushed Stainless
PMH2PS	Polished Stainless

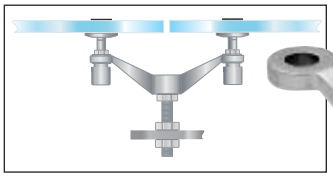
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

CRL Double Arm "V" Heavy-Duty Post Mount Fitting

- **For Use With Glass Up to 1-1/16" (27 mm)***
- **Complete With Hardware to Mount to Post or Column**

This Post Mount Fitting is used to attach a single glass panel to a structural end post, or two inline glass panels to a structural center post. Comes with 16 mm x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings, use Cat. Nos. PMH1LBS, PMH1LPS, PMH3BS, PMH3PS, PMH4BS or PMH4PS.



Glass Attachments Must Be Ordered Separately (See page CH296)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMH2VBS	Brushed Stainless
PMH2VPS	Polished Stainless

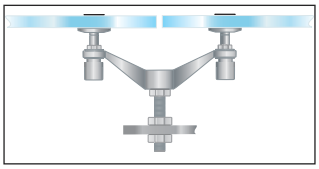
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

CRL Three Arm Heavy-Duty Post Mount Fitting

- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Post or Column

This Three Arm Fitting is used to attach three inline glass panels to a structural center post where they abut to a soffit corner. Comes with 16 mm x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMH1LBS, PMH1LPS, PMH2VBS, PMH2BVPS, PMH4BS or PMH4PS.



Glass Attachments Must Be Ordered Separately (See page CH296)



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
PMH3BS	Brushed Stainless
PMH3PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

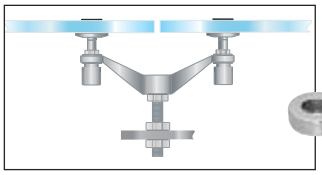
CRL Four Arm Heavy-Duty Post Mount Fitting

USE MONOLITHIC TEMPERED GLASS

- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Post or Column

This Four Arm Fitting is used to attach two inline glass panels to a structural center post. Comes with 16 mm x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMH1LBS, PMH1LPS, PMH2VBS, PMH2VPS, PMH3BS or PMH3PS.



Glass Attachments Must Be Ordered Separately (See page CH296)

MORE INFORMATION crlaurence.com



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
PMH4BS	Brushed Stainless
PMH4PS	Polished Stainless

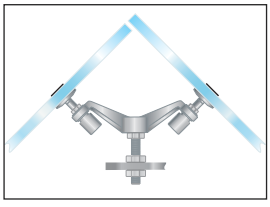
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

CRL Double Arm "V" 90 Degree Heavy-Duty Post Mount Fitting

- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Post or Column

This Double Arm Fitting is used to attach two 90 degree glass panels at the top or bottom of a structural corner post. Comes with 16 mm x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMH490BS or PMH490PS.



Glass Attachments Must Be Ordered Separately (See page CH296)



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
PMH2V90BS	Brushed Stainless
PMH2V90PS	Polished Stainless

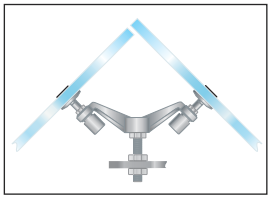
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

CRL 4-Way Arm 90 Degree Heavy-Duty Post Mount Fitting

- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Post or Column

This Four Arm Fitting is used to attach two 90 degree glass panels in the middle to a structural corner post. Comes with 16 mm x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMH2V90BS or PMH2V90PS.



Glass Attachments Must Be Ordered Separately (See page CH296)



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
PMH490BS	Brushed Stainless
PMH490PS	Polished Stainless

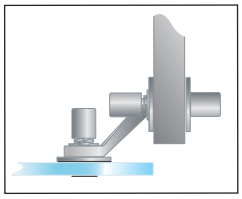
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

CRL Single Arm Heavy-Duty Wall/Fin Mount Fitting

- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Wall or Structural Fin

This Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMH2BS or FMH2PS.



Glass Attachments Must Be Ordered Separately (See page CH296)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMH1BS	Brushed Stainless
FMH1PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

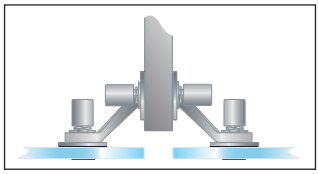
CRL Double Arm Heavy-Duty Wall/Fin Mount Fitting

USE MONOLITHIC TEMPERED GLASS

- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Wall or Structural Fin

Use this Double Arm Fitting to attach two inline glass panels to a structural fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMH1BS or FMH1PS.



Glass Attachments Must Be Ordered Separately (See page CH296)

MORE INFORMATION crlaurence.com



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMH2BS	Brushed Stainless
FMH2PS	Polished Stainless

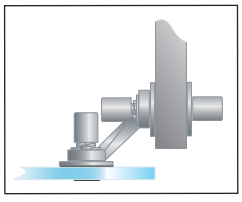
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

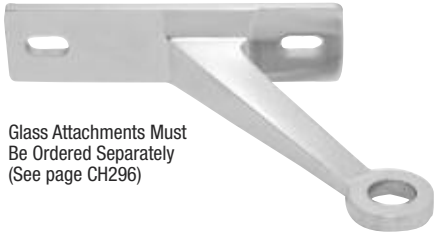
CRL L.H. Single Arm Heavy-Duty Wall/Fin Mount Fitting

- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Wall or Structural Fin

This Fitting is used to attach a single glass panel to a wall or structural glass fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMH1RHBS, FMH1RHPS, FMH2VBS, FMH2VPS, FMH4BS or FMH4PS.





Glass Attachments Must Be Ordered Separately (See page CH296)

For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMH1LHBS	Brushed Stainless
FMH1LHPS	Polished Stainless

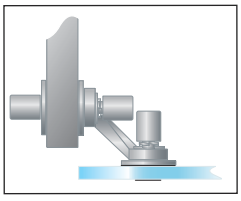
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

CRL R.H. Single Arm Heavy-Duty Wall/Fin Mount Fitting

- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Wall or Structural Fin

This Fitting is used to attach a single glass panel to a wall or structural glass fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMH1LHBS, FMH1LHPS, FMH2VBS, FMH2VPS, FMH4BS or FMH4PS.





Glass Attachments Must Be Ordered Separately (See page CH296)

For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMH1RHBS	Brushed Stainless
FMH1RHPS	Polished Stainless

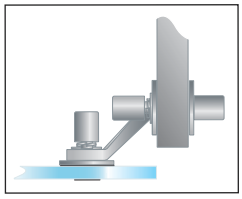
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

CRL Double Arm "V" Heavy-Duty Wall/Fin Mount Fitting

- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Wall or Structural Fin

This Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMH1LHBS, FMH1LHPS, FMH1RHBS, FMH1RHPS, FMH4BS or FMH4PS.



Glass Attachments Must Be Ordered Separately (See page CH296)

MORE INFORMATION crlaurence.com



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
FMH2VBS	Brushed Stainless
FMH2VPS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

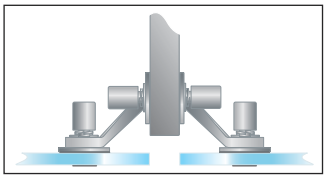
CRL Four Arm "V" Heavy-Duty Wall/Fin Mount Fitting

USE MONOLITHIC TEMPERED GLASS

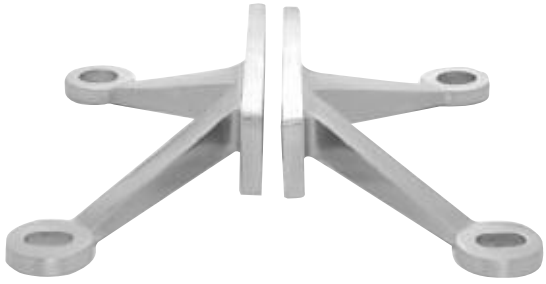
- For Use With Glass Up to 1-1/16" (27 mm)*
- Complete With Hardware to Mount to Wall or Structural Fin

Use this Four Arm Fitting to attach two inline glass panels to a structural center fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMH1LHBS, FMH1LHPS, FMH1RHBS, FMH1RHPS, FMH2VBS or FMH2VPS.



Glass Attachments Must Be Ordered Separately (See page CH296)



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
FMH4BS	Brushed Stainless
FMH4PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing. *Can be used with 1-1/4" (32 mm) Insulating Glass with Cat. No. HS1GF14 Glass Attachment (see page CH296).

CRL Replacement Gasket Set for HRF Series Rigid Glass Attachments



CAT. NO.	COLOR
RRF14RW	Black Plastic

Minimum order: 1 each.

CRL Replacement Gasket Set for HSF Series Swivel Glass Attachments



CAT. NO.	COLOR
RSF14RW	Black Plastic

Minimum order: 1 each.

CRL Replacement Stud Set for Post Mounted Spider Fittings



CAT. NO.	FINISH
M16SET	Stainless Steel

Minimum order: 1 each.

CRL Replacement Stud Set for Fin Mounted Spider Fittings



CAT. NO.	FINISH
M10SETBS	Brushed Stainless
M10SETPS	Polished Stainless

Minimum order: 1 each.

CRL Regular Duty Spider Fittings

- For Use With 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- Spiders for Mounting to Posts, Walls or Fins
- Designed for the 'All-Glass' Look
- New Combination Glass Attachments – Same Attachment Can Be Used for Flush Mount or Cap Mount Applications – Rigid Head and Swivel Head Styles Available
- Made of 316 Alloy Stainless Steel





MORE INFORMATION
crlaurence.com

For additional product information, visit our web site at **crlaurence.com/spider-fittings**. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7730. You can also e-mail us at **crlaurence.com/support**.



CRL Combination Glass Attachments

- For Use With 3/8" to 1/2" (10 to 12 mm) Tempered Glass

The Rigid Head Attachments allow for a secure attachment and minimize the deflection of the glass panels. This type of fitting is typically used only for interior applications.

The head of the Swivel Glass Attachment can tilt up to 6 degrees in any direction on its ball and socket joint. This allows for any stress applied to the glass to be more evenly distributed across the entire panel of glass rather than concentrating at the hole. These are typically used in conditions where the glass will be subject to live loads.

Our Rigid Head and Swivel Head Combination Glass Attachment Fittings can be used for 'flush' mounting for a smooth exterior surface when the glass is fabricated with a countersunk hole. We suggest when using the flush mount method that you give your glass fabricator a sample Flush Mount Glass Attachment to ensure a proper flush fit. This same Fitting can be used for 'cap' type mounting when using the supplied adaptor washer. This requires just a standard hole in the glass. Visit our web site at **crlaurence.com/spider-fittings** for more information.

RIGID HEAD CAT. NO.	SWIVEL HEAD CAT. NO.	EXTERIOR MOUNT SWIVEL HEAD CAT. NO.	FINISH
RRF10BS	RSF10BS	RSFEX10BS	Brushed Stainless
RRF10PS	RSF10PS	RSFEX10PS	Polished Stainless

Minimum order: 1 each. All Glass Attachments can be combined for quantity pricing. See page CH305 for replacement gaskets and stud sets.

RRF10 Rigid Head
To minimize the deflection of the glass panels.
One fitting for either Flush or Surface Mount Installations

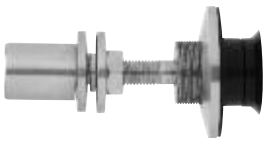


Flush Mount
(Countersunk hole in glass)

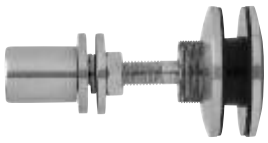


Cap Mount
(Standard hole through glass)

RSF10 Swivel Head
Tilts up to 6 degrees in any direction.
One fitting for either Flush or Surface Mount Installations



Flush Mount
(Countersunk hole in glass)



Cap Mount
(Standard hole through glass)

RSFEX10 Exterior Mount Swivel Head NEW!
Tilts up to 6 degrees in any direction.
Surface Mount Installation



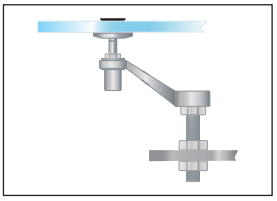
Cap Mount
(Standard hole through glass)

CRL Single Arm Regular Duty Post Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Post or Column

This Single Arm Fitting is used to attach a single glass panel to a structural end post. Comes with a M16-2.0 x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMR2BS or PMR2PS.



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMR1BS	Brushed Stainless
PMR1PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

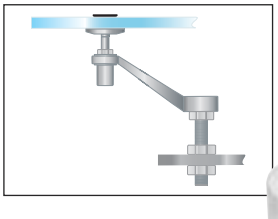
CRL Single Long Arm Regular Duty Post Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Post or Column

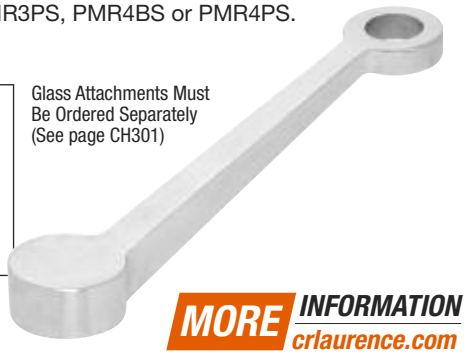


This Long Arm Fitting is used to attach a single glass panel to a structural end post and match other "V" fitting arms. Comes with a M16-2.0 x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMR2VBS, PMR2VPS, PMR3BS, PMR3PS, PMR4BS or PMR4PS.



Glass Attachments Must Be Ordered Separately (See page CH301)



MORE INFORMATION crlaurence.com

For dimensions go to **crlaurence.com/spider-fittings**

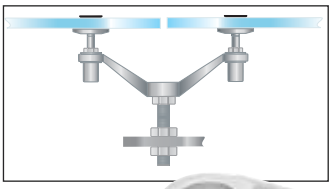
CAT. NO.	FINISH
PMR1LBS	Brushed Stainless
PMR1LPS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm Regular Duty Post Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Post or Column

This Double Arm Fitting is used to attach two inline glass panels to a structural center post. Comes with a M16-2.0 x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers. For companion Fittings use Cat. Nos. PMR1BS or PMR1PS.



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMR2BS	Brushed Stainless
PMR2PS	Polished Stainless

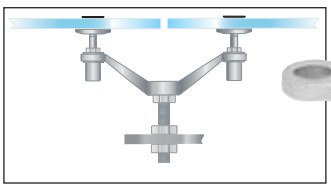
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm "V" Regular Duty Post Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Post or Column

This Post Mount Fitting is used to attach a single glass panel to a structural end post or two inline glass panels to structural center post. Comes with a M16-2.0 x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMR1LBS or PMR1LPS.



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMR2VBS	Brushed Stainless
PMR2VPS	Polished Stainless

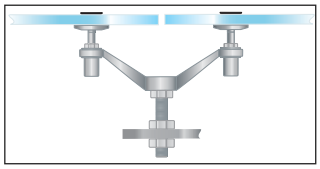
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Three Arm Regular Duty Post Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Post or Column

This Three Arm Fitting is used to attach three inline glass panels to a structural center post where they abut to an opening. Comes with a M16-2.0 x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMR1LBS, PMR1LPS, PMR2VBS, PMR2VPS, PMR4BS or PMR4PS.



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMR3BS	Brushed Stainless
PMR3PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm Regular Duty Post Mount Fitting

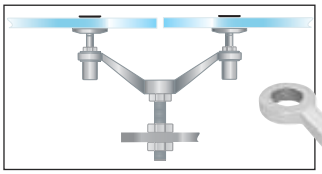
USE MONOLITHIC TEMPERED GLASS

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Post or Column

This Four Arm Fitting is used to attach two inline glass panels to a structural center post. Comes with a M16-2.0 x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMR1LBS, PMR1LPS, PMR2VBS, PMR2VPS, PMR3BS or PMR3PS.

MORE INFORMATION crlaurence.com



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMR4BS	Brushed Stainless
PMR4PS	Polished Stainless

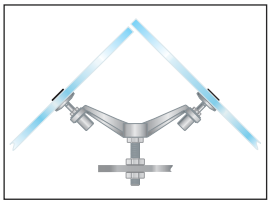
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm "V" 90 Degree Regular Duty Post Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Post or Column

This Double Arm Fitting is used to attach two 90 degree glass panels at the top or bottom of a structural corner post. Comes with a M16-2.0 x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMR490BS or PMR490PS.





Glass Attachments Must Be Ordered Separately (See page CH301)

For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMR2V90BS	Brushed Stainless
PMR2V90PS	Polished Stainless

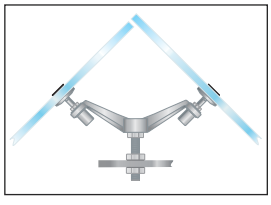
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm 90 Degree Regular Duty Post Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Post or Column

This Four Arm Fitting is used to attach two 90 degree glass panels in the middle to a structural corner post. Comes with a M16-2.0 x 99.5 mm (3-7/8") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMR2V90BS or PMR2V90PS.



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
PMR490BS	Brushed Stainless
PMR490PS	Polished Stainless

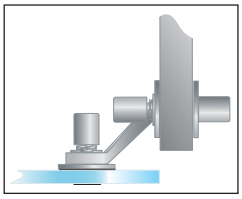
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Arm Regular Duty Wall/Fin Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Wall or Structural Fin

This Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMR2BS or FMR2PS.



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMR1BS	Brushed Stainless
FMR1PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

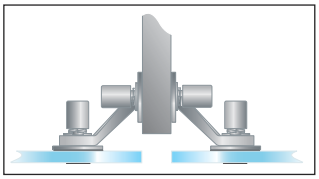
CRL Double Arm Regular Duty Wall/Fin Mount Fitting

USE MONOLITHIC TEMPERED GLASS

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Wall or Structural Fin

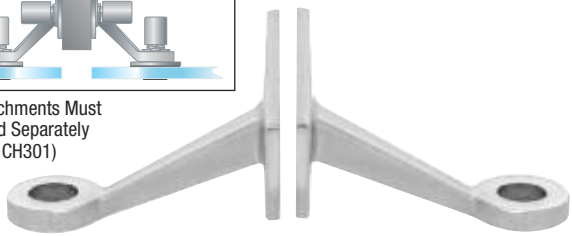
Use this Double Arm Fitting to attach two inline glass panels to a structural fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMR1BS or FMR1PS.



Glass Attachments Must Be Ordered Separately (See page CH301)

MORE INFORMATION crlaurence.com



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMR2BS	Brushed Stainless
FMR2PS	Polished Stainless

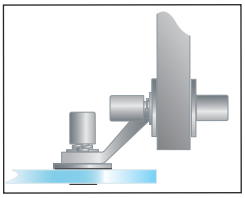
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL L.H. Single Arm Regular Duty Wall/Fin Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Wall or Structural Fin

This fitting is used to attach a single glass panel to a wall or structural glass fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMR1RHBS, FMR1RHPS, FMR2VBS, FMR2VPS, FMR4BS or FMR4PS.



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMR1LHBS	Brushed Stainless
FMR1LHPS	Polished Stainless

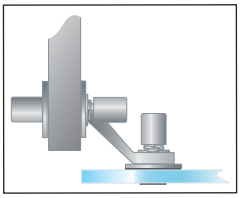
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL R.H. Single Arm Regular Duty Wall/Fin Mount Fitting

- For Use With Glass Up to 1/2" (12 mm)
- Complete With Hardware to Mount to Wall or Structural Fin

This fitting is used to attach a single glass panel to a wall or structural glass fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMR1LHBS, FMR1LHPS, FMR2VBS, FMR2VPS, FMR4BS or FMR4PS.



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMR1RHBS	Brushed Stainless
FMR1RHPS	Polished Stainless

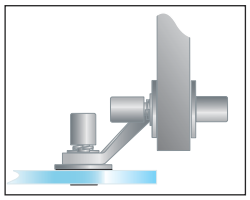
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm "V" Regular Duty Wall/Fin Mount Fitting

- **For Use With Glass Up to 1/2" (12 mm)**
- **Complete With Hardware to Mount to Wall or Structural Fin**

This Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMR1LHBS, FMR1LHPS, FMR1RHBS, FMR1RHPS, FMR4BS or FMR4PS.



Glass Attachments Must Be Ordered Separately (See page CH301)

MORE INFORMATION crlaurence.com



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMR2VBS	Brushed Stainless
FMR2VPS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

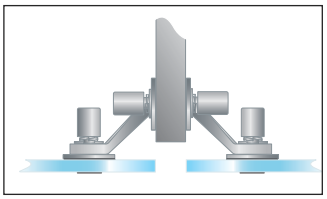
CRL Four Arm "V" Regular Duty Wall/Fin Mount Fitting

USE MONOLITHIC TEMPERED GLASS

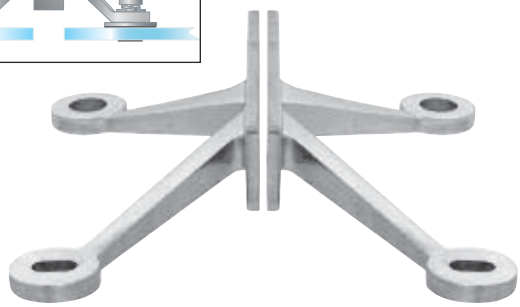
- **For Use With Glass Up to 1/2" (12 mm)**
- **Complete With Hardware to Mount to Wall or Structural Fin**

Use this Four Arm Fitting to attach two inline glass panels to a structural center fin. Comes with two 10 mm x 59 mm (2-5/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMR1LHBS, FMR1LHPS, FMR1RHBS, FMR1RHPS, FMR2VBS or FMR2VPS.



Glass Attachments Must Be Ordered Separately (See page CH301)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
FMR4BS	Brushed Stainless
FMR4PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Replacement Gasket Set for RRF10 Series Rigid Glass Attachments



CAT. NO.	COLOR
RRF10RW	Black Plastic

Minimum order: 1 each.

CRL Replacement Gasket Set for RSF10 Series Swivel Glass Attachments



CAT. NO.	COLOR
RSF10RW	Black Plastic

Minimum order: 1 each.

CRL Replacement Stud Set for Post Mounted Spider Fittings



CAT. NO.	FITTING TYPE	FINISH
M16SET	Regular	Stainless Steel
M14SET	Mini	Stainless Steel

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Replacement Stud Set for Fin Mounted Spider Fittings

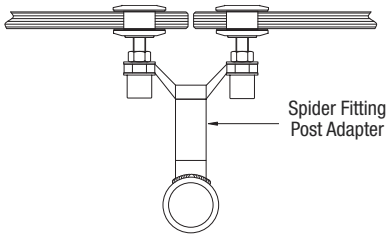


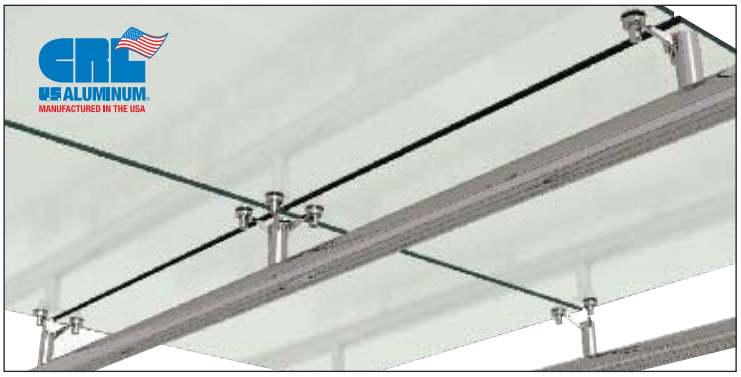
CAT. NO.	FINISH
M10SETBS	Brushed Stainless
M10SETPS	Polished Stainless

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Spider Fitting Post Adapters (Custom Length)

- Available for Round or Flat Posts
- Made Custom Length to Your Specifications



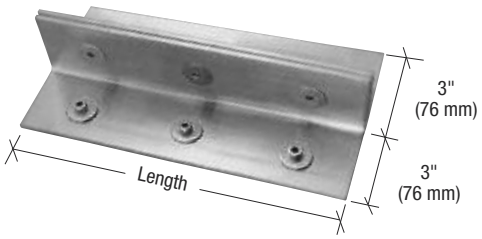


Adapters are to be welded to Posts and are drilled and tapped to accept mounting hardware supplied with Spider Fittings. Available in two diameters, 1-1/2" (38 mm) for Regular Duty, and 2" (51 mm) for Heavy-Duty Spider Fittings.

CAT. NO.	TYPE	DIAMETER	FINISH	LENGTH*
AMS0B112CBS	Regular Duty	1-1/2" (38 mm)	Brushed Stainless	Specify
AMS0B112CPS	Regular Duty	1-1/2" (38 mm)	Polished Stainless	Specify
AMS0B2CBS	Heavy-Duty	2" (51 mm)	Brushed Stainless	Specify
AMS0B2CPS	Heavy-Duty	2" (51 mm)	Polished Stainless	Specify

Minimum order: 1 each. *Specify length at time of order.

CRL Fin Top/Bottom Shoe Fittings for 3/4" (19 mm) Glass



Fin Top/Bottom Shoe Fittings are used to connect the glass fins to the structure of the floor or ceiling.

CAT. NO.	LENGTH	FINISH
FTF12BS	12" (305 mm)	Brushed Stainless
FTF16BS	16" (406 mm)	Brushed Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.



MORE CHOICES
crlaurence.com

SPECIFICATIONS:

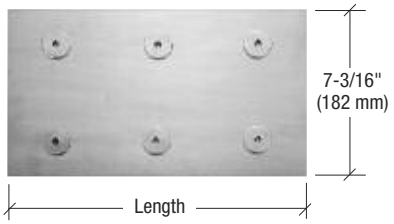
For Use With:
3/4" (19 mm) Tempered Glass

Do Not Use With:
Annealed or Raw Glass

Glass Fabrication Required:
One 7/8" (22 mm) Diameter Hole Per Glass Fastening

Templates:
Available on Request for Each Fitting

CRL Fin Splice Fittings for 3/4" (19 mm) Glass



Fin Splice Fittings are used to stack multiple pieces of glass to construct extra tall fins used to stabilize the glass facade.

CAT. NO.	LENGTH	FINISH
FSF12BS	12" (305 mm)	Brushed Stainless
FSF16BS	16" (406 mm)	Brushed Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Stainless Steel Sex Bolt

- For FTF and FSF Fittings



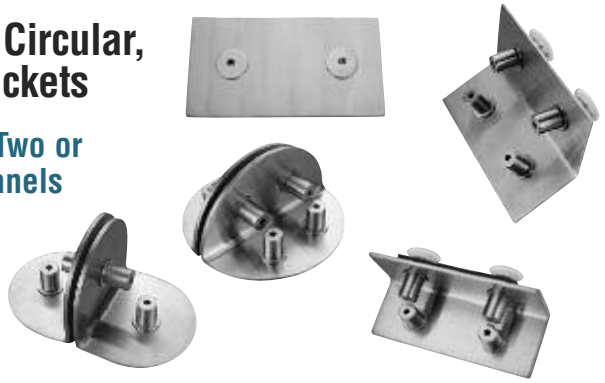
Stainless Steel Sex Bolts are countersunk for use with Fitting and Bracket Cat. Nos. FTF12, FTF16, FTF20, FTF24, FSF12, FSF16, FSF20, FSF24, and CLB1.

CAT. NO.	FINISH	QTY/BOX
M8SBSS	Brushed Stainless	10

Minimum order: 1 box.

CRL Corner, Circular, and Link Brackets

- Used to Link Two or Four Inline Panels of Glass



For additional product information, visit our web site at **crlaurence.com/spider-fittings**. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7730. You can also send us an e-mail at **crlaurence.com/support**.

CRL Mini Spider Fittings



- Spiders for Mounting to Posts, Walls or Fins
- Reduced in Size for Interior Dividers, Displays, and Hand Railing Applications
- For Use With 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- Designed for the 'All-Glass' Look
- Flush Mount or Cap Mount Glass Attachments, Rigid and Swivel Head Styles Available
- Made of 316 Alloy Stainless Steel







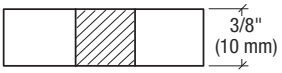


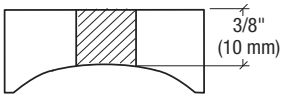
For additional product information, go to **crlaurence.com/spider-fittings**. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7730. You can also send us an e-mail at **crlaurence.com/support**.

CRL Post Adapters

MORE INFORMATION crlaurence.com

- Designed for Round or Flat Posts
- 3/8" (10 mm) Deep Threaded Hole to Provide for Proper Attachment Requirements for Spider Fitting to Post







Adapters are to be welded to Posts, and are drilled and tapped to accept mounting hardware supplied with Spider Fittings.

CAT. NO.	FOR USE ON	FINISH
SPA01SS	Flat-Sided Posts	Mill Stainless
SPA02SS ∆	Round Posts	Mill Stainless

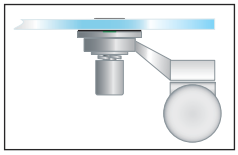
Minimum order: 1 each. ∆Use with 1-1/2" to 2" (38 to 51 mm) outside diameter posts.

CRL Single Arm Mini Post Mount Fitting

- Compact Design for Minimal Obstruction
- Complete With Hardware to Mount to Post

This CRL Post Mount Fitting is used to attach a single glass panel to a structural end post. Comes with one 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

For companion Fitting use Cat. No. GRP2BS or GRP2PS.





Glass Attachments Must Be Ordered Separately (See page CH309)

For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
GRP1BS	Brushed Stainless
GRP1PS	Polished Stainless

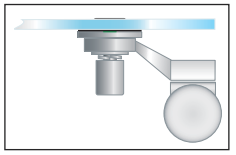
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Long Arm Mini Post Mount Fitting

- Longer Arm to Match "V" Fittings
- Complete With Hardware to Mount to Post

This CRL Post Mount Fitting is used to attach a single glass panel to a structural end post. Comes with one 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

For companion Fitting use Cat. Nos. GRP2VBS, GRP2VPS, GRP4BS or GRP4PS.





Glass Attachments Must Be Ordered Separately (See page CH309)

For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
GRP1LBS	Brushed Stainless
GRP1LPS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

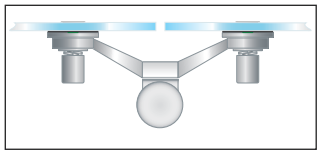
CRL Double Arm Mini Post Mount Fitting

MORE INFORMATION crlaurence.com

- Compact Design for Minimal Obstruction
- Complete With Hardware to Mount to Post

This CRL Post Mount Fitting is used to attach two inline glass panels to a structural center post. Comes with one 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

For companion Fittings use Cat. Nos. GRP1BS or GRP1PS.



Glass Attachments Must Be Ordered Separately (See page CH309)



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
GRP2BS	Brushed Stainless
GRP2PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

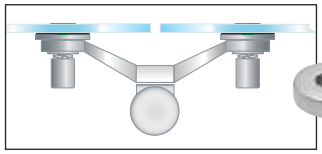
CRL Double Arm "V" Mini Post Mount Fitting

USE MONOLITHIC TEMPERED GLASS

- Classic "V" Look
- Complete With Hardware to Mount to Post

This CRL Post Mount Fitting is used to attach a single glass panel to a structural end post, or two inline glass panels to structural center post. Comes with one 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

For companion Fittings use Cat. Nos. GRP1LBS or GRP1LPS.



Glass Attachments Must Be Ordered Separately (See page CH309)



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
GRP2VBS	Brushed Stainless
GRP2VPS	Polished Stainless

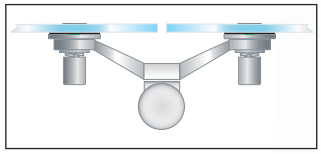
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm "V" Mini Post Mount Fitting

- Classic "V" Look
- Complete With Hardware to Mount to Post

This CRL Post Mount Fitting is used to attach two inline glass panels to a structural center post. Comes with one 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

For companion Fittings use Cat. Nos. GRP2VBS or GRP2VPS.



Glass Attachments Must Be Ordered Separately (See page CH309)



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
GRP4BS	Brushed Stainless
GRP4PS	Polished Stainless

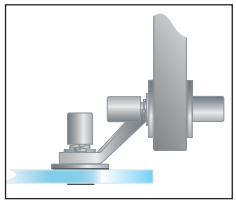
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Arm Mini Wall/Fin Mount Fitting

- Compact Design for Minimal Obstruction
- Complete With Hardware to Mount to Wall or Structural Fin

This Wall/Fin Mount Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. GRF2BS or GRF2PS.



Glass Attachments Must Be Ordered Separately (See page CH309)



For dimensions go to crlaurence.com/spider-fittings

CAT. NO.	FINISH
GRF1BS	Brushed Stainless
GRF1PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

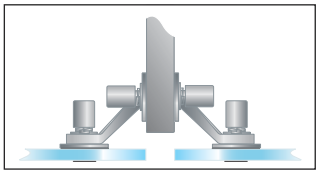
CRL Double Arm Mini Wall/Fin Mount Fitting

- Compact Design for Minimal Obstruction
- Complete With Hardware to Mount to Wall or Structural Fin

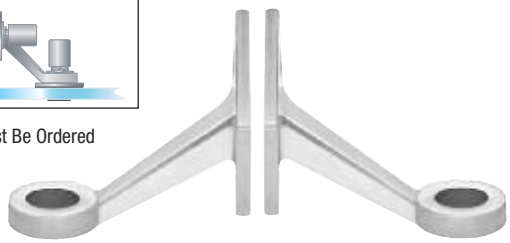
MORE INFORMATION crlaurence.com

This Wall/Fin Mount Fitting is used to attach two inline glass panels to a structural fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. GRF1BS or GRF1PS.



Glass Attachments Must Be Ordered Separately (See below)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
GRF2BS	Brushed Stainless
GRF2PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

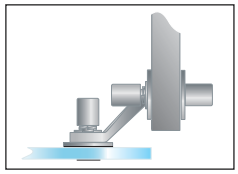
CRL Double Arm "V" Mini Wall/Fin Mount Fitting

USE MONOLITHIC TEMPERED GLASS

- Classic "V" Look
- Complete With Hardware to Mount to Wall or Structural Fin

This Wall/Fin Mount Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers.

For companion Fittings use Cat. Nos. GRF4BS or GRF4PS.



Glass Attachments Must Be Ordered Separately (See below)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
GRF2VBS	Brushed Stainless
GRF2VPS	Polished Stainless

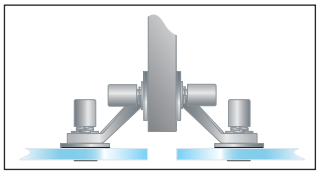
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm "V" Mini Wall/Fin Mount Fitting

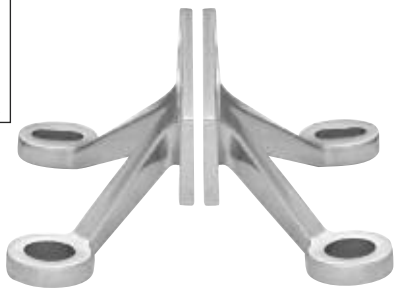
- Classic "V" Look
- Complete With Hardware to Mount to Wall or Structural Fin

This Wall/Fin Mount Fitting is used to attach two inline glass panels to a structural center fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. GRF2VBS or GRF2VPS.



Glass Attachments Must Be Ordered Separately (at right)



For dimensions go to **crlaurence.com/spider-fittings**

CAT. NO.	FINISH
GRF4BS	Brushed Stainless
GRF4PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

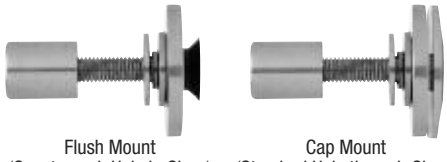
CRL Combination Glass Attachments

- For Use With 3/8" to 1/2" (10 to 12 mm) Tempered Glass

USE MONOLITHIC TEMPERED GLASS

RRF10 Rigid Head

To minimize the deflection of the glass panels.
One Fitting for either Flush or Surface Mount installations



Flush Mount (Countersunk Hole in Glass)

Cap Mount (Standard Hole through Glass)

RSF10 Swivel Head

Tilts up to 6 degrees in any direction.
One Fitting for either Flush or Surface Mount installations



Flush Mount (Countersunk Hole in Glass)

Cap Mount (Standard Hole through Glass)

NOTE: We suggest when using the flush mount method that you give your glass fabricator a sample flush mount glass attachment to ensure a proper flush fit.

RIGID HEAD CAT. NO.	SWIVEL HEAD CAT. NO.	FINISH
RRF10BS	RSF10BS	Brushed Stainless
RRF10PS	RSF10PS	Polished Stainless

Minimum order: 1 each. All Glass Attachments can be combined for quantity pricing. See page CH305 for replacement gaskets and stud sets.

CRL Mall Front Clamps

USE MONOLITHIC TEMPERED GLASS

- A Choice of High Tech, Contemporary Designs for Use With 3/8" to 3/4" (10 to 19 mm) Thick Tempered Glass
- Commonly Used in Malls for Joining Vertical Joints of Glass Wall Panels
- Reduces Panel Deflection
- Custom Finishes Available

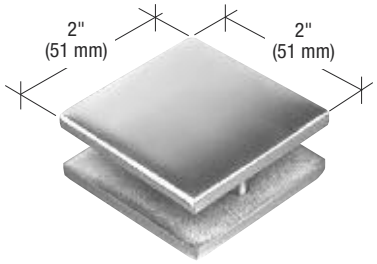
MORE INFORMATION crlaurence.com



Mall Front Clamps join vertical glass wall panels and provide rigidity to reduce flexing when pressure is applied. They can also serve as floating indicators to alert pedestrians of a panel's presence in dimly lit areas. CRL Mall Front Clamps come in polished brass, polished stainless, or brushed stainless finishes, and are designed for use with 3/8" to 1/2" (10 to 12 mm) thick tempered glass.
NOTE: Two models will accommodate up to 3/4" (19 mm) thick tempered glass.

180 Degree Square

- For 3/8" to 3/4" (10 to 19 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass



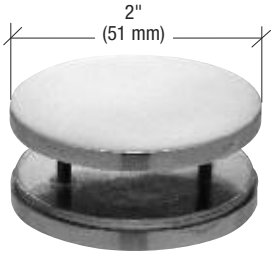
This 2" x 2" (51 x 51 mm) 180 Degree Square Mall Front Clamp attaches with two flat head Phillips screws (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

CAT. NO.	FINISH
MFC18	Polished Stainless
MFC19	Brushed Stainless
MFC20	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

180 Degree Round

- For 3/8" to 3/4" (10 to 19 mm) Thick Tempered Glass
- Alloy 304 Stainless



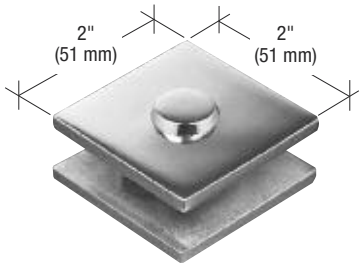
This 2" (51 mm) diameter 180 Degree Round Mall Front Clamp attaches with two flat head Phillips screws (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

CAT. NO.	FINISH
MFC30	Polished Stainless
MFC31	Brushed Stainless

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

180 Degree Square

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass



This 2" x 2" (51 x 51 mm) 180 Degree Square Mall Front Clamp attaches with a single beveled nut (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

CAT. NO.	FINISH
MFC10	Polished Stainless
MFC11	Brushed Stainless
MFC12	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

180 Degree Round

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass



This 2" (51 mm) diameter 180 Degree Round Mall Front Clamp attaches with a single beveled nut (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

CAT. NO.	FINISH
MFC14	Polished Stainless
MFC15	Brushed Stainless
MFC16	Polished Brass

Minimum order: 1 each. All Mall Clamps can be ombined for quantity pricing.

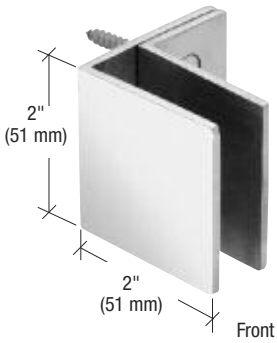
CRL Mall Front Clamps

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

Wall Mount Square

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass



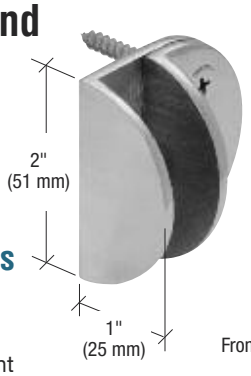
CRL Wall Mount Mall Front Clamps join vertical glass wall panels to walls and provide rigidity to reduce flexing when pressure is applied. Supplied with two wood screws for installation.

CAT. NO.	FINISH
MFCW10	Polished Stainless
MFCW11	Brushed Stainless
MFCW12	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

Wall Mount Round

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass



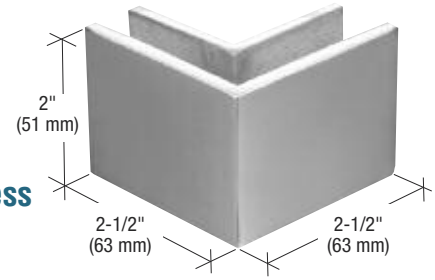
CRL Wall Mount Mall Front Clamps join vertical glass wall panels to walls and provide rigidity to reduce flexing when pressure is applied. Supplied with two wood screws for installation.

CAT. NO.	FINISH
MFCW14	Polished Stainless
MFCW15	Brushed Stainless
MFCW16	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

90 Degree Square

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass



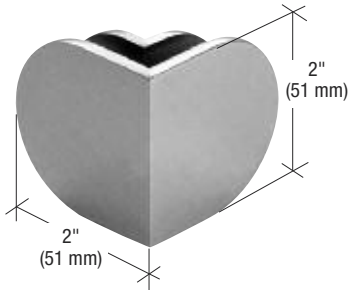
This 90 Degree Square Mall Front Clamp installs using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

CAT. NO.	FINISH
MFC22	Polished Stainless
MFC23	Brushed Stainless
MFC24	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

90 Degree Round

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless



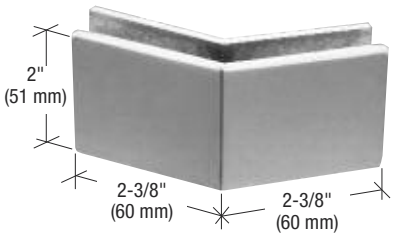
This 90 Degree Round Mall Front Clamp installs using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

CAT. NO.	FINISH
MFC34	Polished Stainless
MFC35	Brushed Stainless

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

135 Degree Square

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass



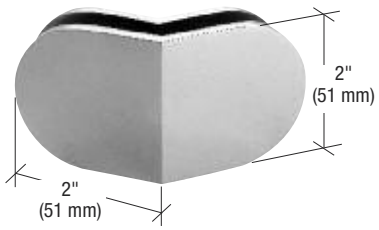
This 135 Degree Square Mall Front Clamp installs using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

CAT. NO.	FINISH
MFC26	Polished Stainless
MFC27	Brushed Stainless
MFC28	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

135 Degree Round

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless



This 135 Degree Round Mall Front Clamp installs using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

CAT. NO.	FINISH
MFC38	Polished Stainless
MFC39	Brushed Stainless

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

CRL Mini Mall Front Clamps

MORE INFORMATION crlaurence.com



CAT. NO. MC112BN
Brushed Nickel Finish
Solid Brass



CAT. NO. MC112BR
Brass Finish
Solid Brass



CAT. NO. MC112CH
Chrome Finish
Solid Brass

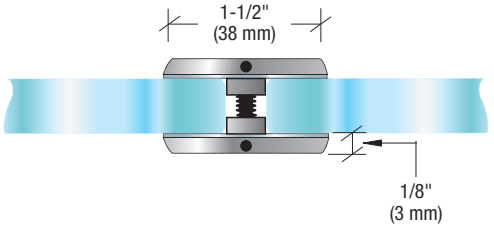


CAT. NO. MC112A
Satin Anodized
Aluminum



CAT. NO. MC112BL
Black Anodized
Aluminum

- **Perfect for Joining Vertical Interior Panels of Heavy Glass in Malls**
- **For Use With 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass**
- **Custom Finishes Available**







CRL Mini Mall Front Clamps are used to join vertical glass panels, making it more difficult to pinch fingers or clothing between the panels. Mini Mall Clamps will work with 3/8" to 1/2" (10 to 12 mm) thick tempered glass, and are easy to install. The round cap is tightened by simply putting a 3/32" drill in the round hole in the beveled edge and turning.

1-1/2" (38 mm) diameter Clamps are available with a solid brass construction in a choice of brushed nickel, brass or chrome finishes, or aluminum construction in a choice of satin anodized or black finishes. Suggested minimum gap between panels is 1/4" (6 mm).

For custom finishes, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

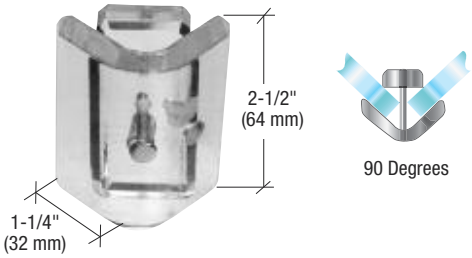
CAT. NO.	MATERIAL	FINISH
MC112BN	Solid Brass	Brushed Nickel
MC112BR	Solid Brass	Brass
MC112CH	Solid Brass	Chrome
MC112A	Aluminum	Satin Anodized
MC112BL	Aluminum	Black Anodized

Minimum order: 1 each.
All Mall Clamps can be combined for quantity pricing.

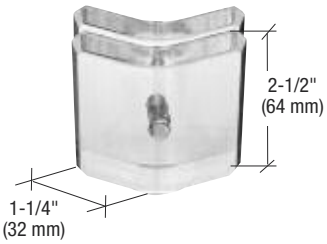
CRL Clear Acrylic Mall Glass Clamps





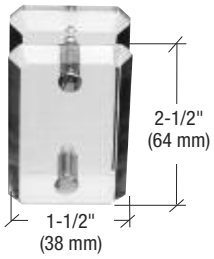


CAT. NO. AMC90



CAT. NO. AMC135





CAT. NO. AMC180

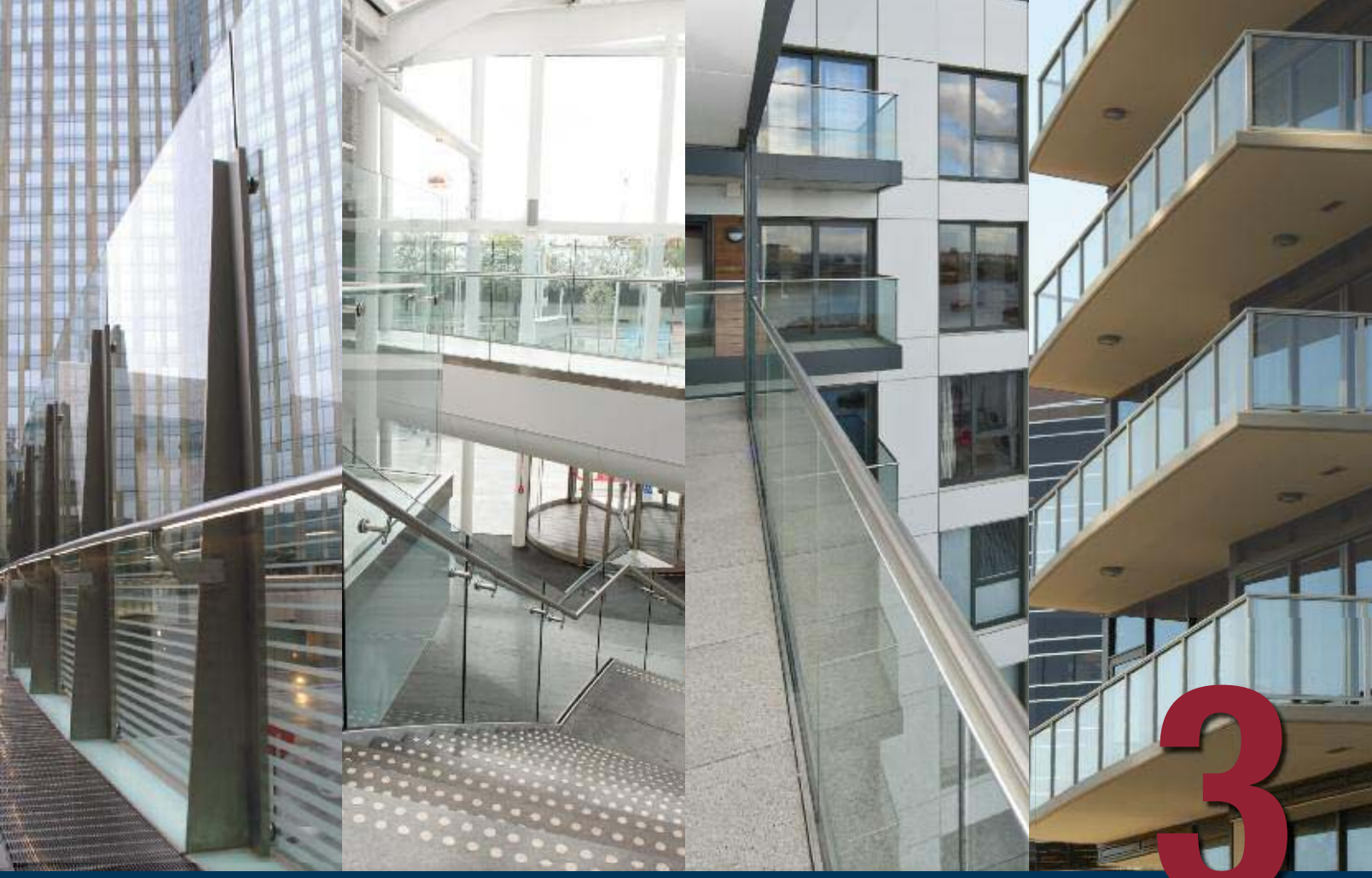


- **For Use With 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass**
- **Clear Acrylic Appearance Blends In With the Glass**
- **Available in Three Styles**
- **Chrome Caps Hide Screws**

CRL Clear Acrylic Mall Glass Clamps provide the perfect solution for heavy plate glass panels installed in mall fronts, and can be used for a variety of glass installations. The clear acrylic look blends in with the glass, making them almost invisible. A piece of vinyl tubing protects the glass from the #6-32 screw, and a chrome cap hides the screw after it has been installed.

CAT. NO.	MATERIAL	STYLE
AMC90	Clear Acrylic	90 Degree Angle
AMC135	Clear Acrylic	135 Degree Angle
AMC180	Clear Acrylic	180 Degree Angle

Minimum order: 1 each.
All Mall Clamps can be combined for quantity pricing.



3

Architectural Railing

PAGES
HR001 - HR280

ACRS Aluminum Component Railing System

Aluminum Base Shoe

Aluminum Posts

ARS Aluminum Railing System

AWS Aluminum Windscreen System

Barrier Posts

Cable Railing System

Cap Railing and Fittings

CRL-Blumcraft Railing System

CRS Post Railing System

EGR Elevated Glass Railing System

Extrusion and Molding Profiles

Frameless Windscreen System

Gate Systems

Glass Clamps

Glass Railing Systems

Glass Windscreen Systems

GRS Cap Railing System

GRS Dry Glaze System

GRS Wet Glaze System

Hand Railing Brackets

Hand Rails Online

HRS Hand Railing System

LED Lighting

Metal Cleaners

Pool Surround Systems

P-Series Posts

Railing Fasteners

Railing Tubing

Security Checkpoints

Smoke Baffle Systems

Spider Fittings

SRS Standoff Railing System

TAPER-LOC® Dry Glaze Railing System

Wall Protector Rails

Windscreen Systems

Wood Railings

WRS Welded Post Railing System

CRL US ALUMINUM
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These products and more can be found in this catalog section. On the bottom of each page are direct search instructions for viewing them on our web site. You can also enter the catalog number into the search box for a direct link to the product and others in that category. To view other products, click on the link to our Catalog Library found on the web site home page.

Products in this section can also be found in our CRL63R Architectural Railing Master Catalog, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs**.



C.R. Laurence is ISO 9001:2008 Certified

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CRL Hand Rails Online

Web-Based Railing and Windscreen Design Program





- Design and Layout Software Program
- Tailored to Professionals Doing Hand Rails, Guard Rails, Glass Balustrades, and Windscreens
- Innovative Web-Based Program That Generates Glass Sizes, Material Cut Sizes, Layouts With a Complete Hardware List
- Supports Fabricated and Stock Length Ordering Methods
- Six Easy Steps to Design a Railing System, See Them Online at crlaurence.com/online-apps
- Generates Accurate Quotes in Minutes

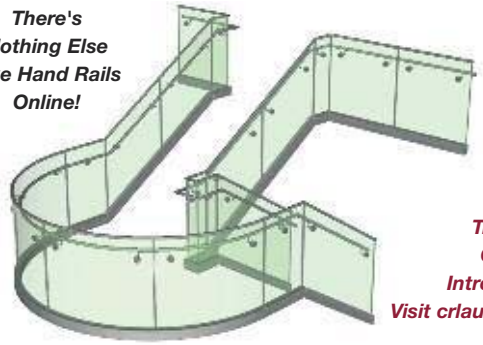








There's Nothing Else Like Hand Rails Online!



FREE 30 Day Trial Offer Upon Completion of Introductory Webinar Visit crlaurence.com/online-apps

Hand Rails Online is part of Our Family of Online Services, Including 'All-Glass' Storefronts Online®, U.S. Aluminum Storefronts Online, Showers Online, and Office Partitions Online. For information about all of our Online Programs, please visit crlaurence.com/online-apps.

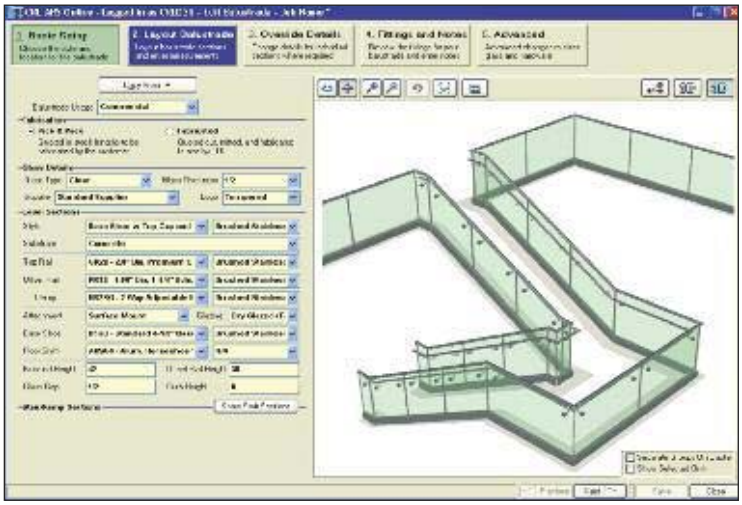
Hand Rails Online is a web-based design program that allows you to enter your railing layout dimensions for a particular job, then calculates the stock lengths of material and all hardware required to complete your project. It also displays and prints detailed information such as post spacing, railing heights, and bottom rail clearances.

Hand Rails Online allows you to design and layout almost any configuration in minutes. Default settings and standard clearances can be customized within the program to suit the user's own needs. A quote sheet and layout drawings can be generated for a professional and personal presentation to a prospective customer.

Code Requirements

Codes and safety requirements are subject to local regulations, and can often change without prior notice. Therefore, we ask our customers to contact their local authorities to ensure that they are in compliance with all rules and regulations before starting any project.

Hand Rails Online is available only to CRL Authorized Dealers. You must have Internet access to use it. We offer live technical support to help you learn the process. For additional information, go to **crlaurence.com/online-apps** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us at **crlaurence.com/support**.



Creating your railing project has never been easier



Step-by-step from start to finish, we can help you through your railing project

A Choice of CRL's GRS Glass Rail Systems

C.R. Laurence's offering to the Glass Railing Market is typical of the approach used in our other heavy glass product lines, such as our popular DRS Door Rail System for commercial hardware, or our vast line of Frameless Shower Door Hardware and Supplies. The lesson learned is that our customers (and their customers) enjoy options.

The CRL GRS Glass Rail System does just that. The TAPER-LOC® Dry Glaze System for mounting heavy glass into Base Shoe has been one of our most well received innovations. Shown below are a few of the key advantages to the Dry Glaze System.

And for those who prefer to use, or are familiar with, the Wet Glaze System of pouring cement to mount heavy glass into Base Shoe, we offer that as well, with some new and improved features.



TAPER-LOC® Dry Glaze System

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

TAPER-LOC® X DRY GLAZE RAILING SYSTEM

TAPER-LOC® XA DRY GLAZE RAILING SYSTEM

- **Fast, Affordable, Flexible, and Removable, This System Offers All This and More!**
- **Taper Designs to Meet All Commercial and Residential Applications Using Monolithic Tempered Glass and Laminated Glass for Interior and Exterior Applications**
- **Dry Glazing Means Installation Time is Reduced by 50 Percent Because There's No Mixing or Clean-Up of Messy Cement**
- **The First and Only ICC-Approved Glass Railing System**
- **TAPER-LOC® Meets and Exceeds Code Standards, and is Miami-Dade County Certified and IBC Compliant**
- **Engineering and Testing Reports Available at crlaurence.com/test-reports**
- **New TAPER-LOC® *XA* Taper Sets Let You Compensate for Uneven Surfaces so Glass Panels Can be Perfectly Plumb (See pages HR008-HR009)**



Tapers for Monolithic Tempered Glass



Tapers for Laminated Tempered Glass



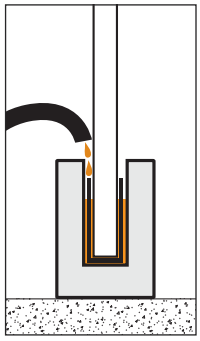
New TAPER-LOC® *XA* Tapers for Monolithic Tempered Glass are Adjustable for Out of Plumb Conditions



New TAPER-LOC® *XA* Tapers for Laminated Glass are Adjustable for Out of Plumb Conditions

Wet Glaze System

- **A Tried and True Method to Secure Lites of Glass Into Base Shoe**
- **Utilizes the CRL Wet Glaze Pump Kit to Deliver Expanding Cement for Bonding Strength**
- **CRL Offers a Full Set of Tools and Accessories for You to Complete the Job (See pages HR014-HR016)**



MORE INFORMATION crlaurence.com

VIDEO



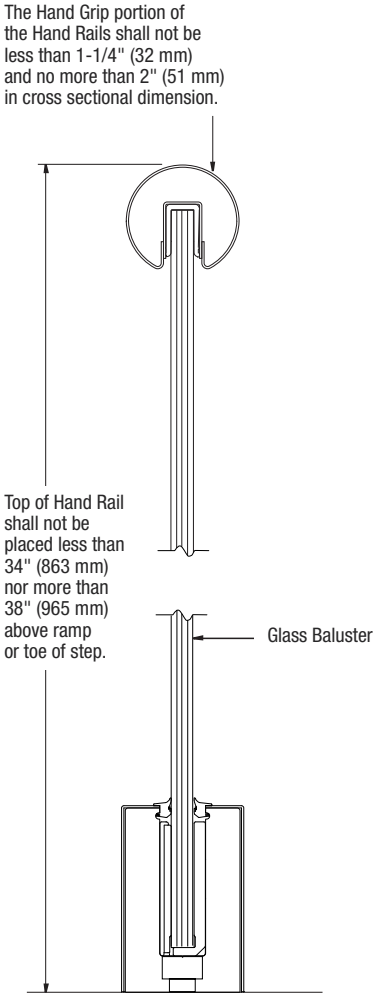
CRL Balustrades, Guard Rails, and Hand Rails

MORE INFORMATION crlaurence.com

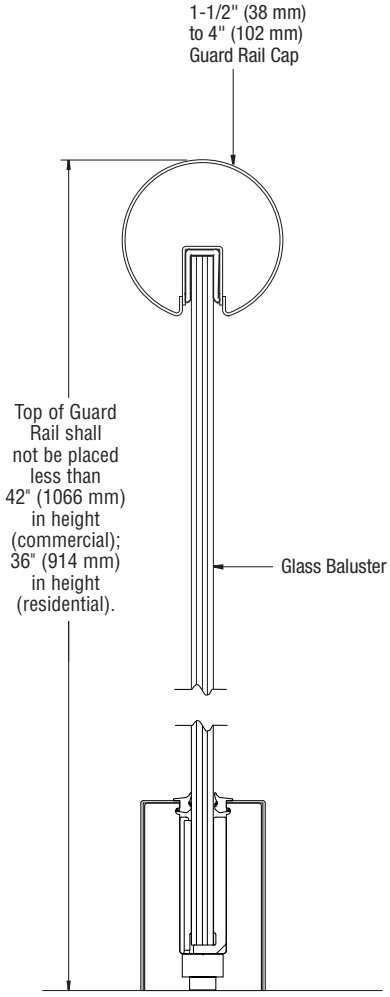
Not all CRL Glass Rail Systems and materials are suitable for each project specification and safety requirement. Since most building codes make clear the difference between Hand Rails and Guard Rails, you should consult the local code. Normally Hand Rails are noted as used for guidance and support, while Guard Rails are intended to prevent accidental falls.

Typically, Hand Rail heights range between 34" (863 mm) and 38" (965 mm), while Guard Rails are typically 42" (1066 mm) in height. It is sometimes noted in the code that the Guard Rail must include a Hand Rail as well. Again, check your local codes before beginning any Hand Rail or Guard Rail project.

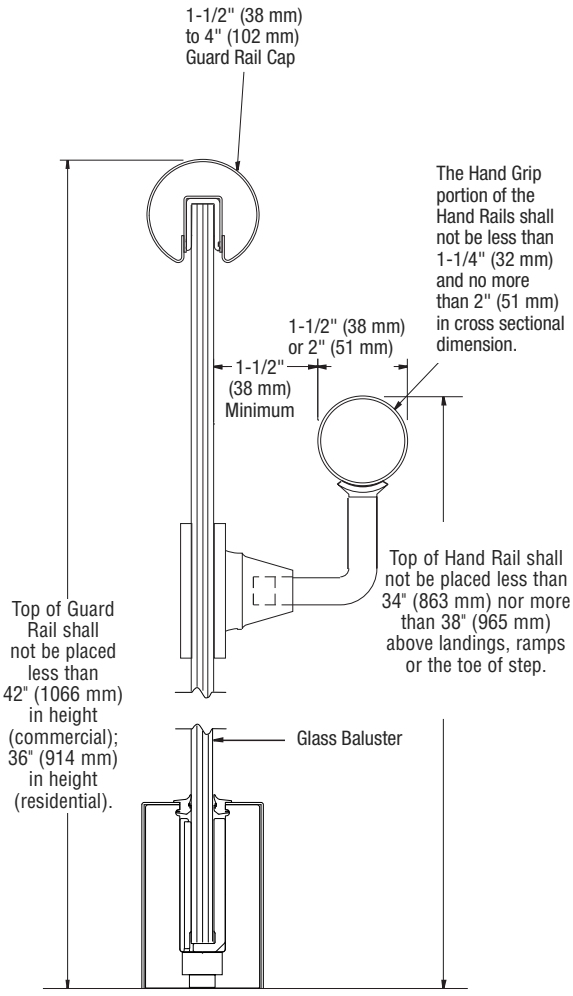
Hand Rail Balustrade



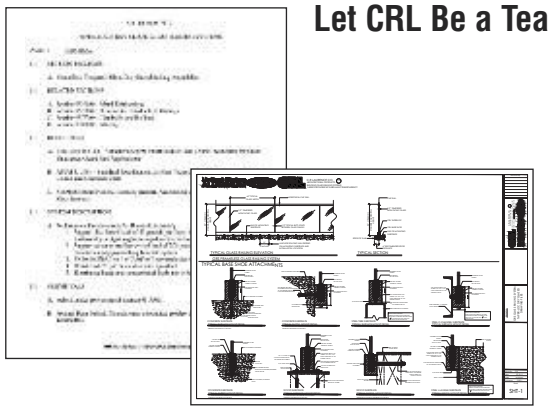
Guard Rail Balustrade



Hand Rail/Guard Rail



Drawings and Specifications - How to Get Them



Let CRL Be a Team Player on All Your Railing Hardware Projects!

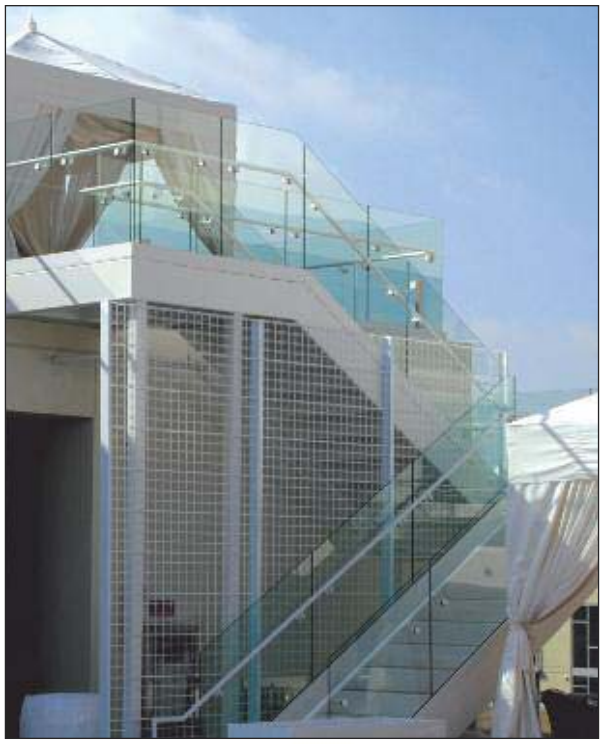
Our web site is designed for easy access to product information and drawings alike. From the **crlaurence.com** home page click on Architectural Railing Systems or search for a specific product using our user-friendly search engine. Each product will have links for technical drawings, written product specifications, glass fabrication templates, and engineering, which can be downloaded into your own working documents.

TECHNICAL DETAILS

PRODUCT SPEC

Never before have product submittals to architects and general contractors been so easy. CRL wants you to succeed, and by teaming together we feel projects will run smooth, on time, and within budget!

Typical Base Shoe Attachments



Attachment Concerns and Information

Our Glass Railing Base Shoe and Fasteners are tested to meet model code regulations. This testing only covers the structural integrity of the Base Shoe and the attachment strength of the Fasteners. The structural integrity of the attachment substrate, concrete or steel, is the responsibility of the architect, structural engineer, and contractor.

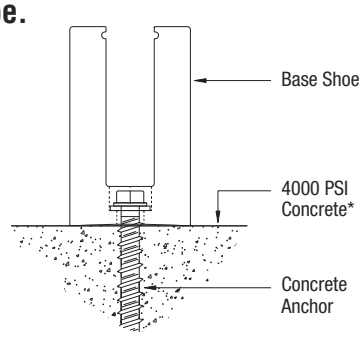
It is important to note that every project should be considered unique, and individual testing and engineering should be performed. Therefore, tight specifications, and a set of structurally engineered plans approved by the local building department, along with job site testing, are a must to cover the life and safety issues involved in hand rail projects.

Illustrated here are five typically approved types of installation attachments commonly used in the industry today. Your project may vary. PDF drawing files are available for each of the five different attachment scenarios, along with model code regulations and testing. Data can be viewed on our web site at **crlaurence.com/test-reports**.

① Base Shoe Attachment to Concrete

Works With 8B, B5A, B5G, B5L, B5S, B5T, B6N, B6S, and B7S Monolithic Series Base Shoe. Also Works With L21S, L25S, L56S, and L68S Laminated Series Base Shoe.

A common installation is to attach the Base Shoe directly to the concrete. We searched for a fastener that would meet the model code regulations. We selected Cat. No. EBA335 Hilti® HSL-3 M12 Expansion Anchor and Cat. No. EBA334 Hilti® HSL3 M8 Expansion Anchor. When the concrete is drilled with ANSI Specification Drill Bits, and the anchor is secured in minimum 3000 psi concrete, sufficient strength was achieved to pass testing.





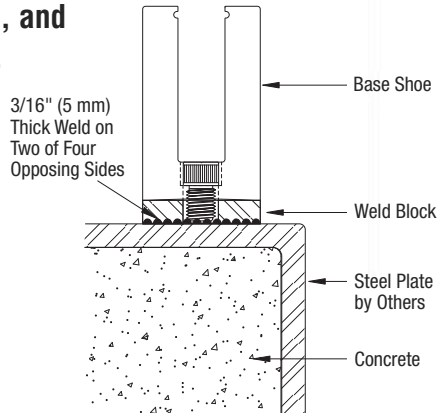
***NOTE:** Depending on your Local Building Code requirements when attaching to concrete, the Base Shoe might need to be drilled and anchored 6" or 12" (152 or 305 mm) on center.

MORE INFORMATION crlaurence.com

② Base Shoe Attachment to Weld Blocks/Welded to a Steel Substrate

Works With 8B, B5A, B5G, B5L, B5S, B5T, B6N, B6S, and B7S Monolithic Series Base Shoe. Also Works With L21S, L25S, L56S, and L68S Laminated Series Base Shoe.

In many instances, installing Base Shoe with Weld Blocks attached and ready for welding is easier than trying to match Base Shoe holes to substrate holes. If the Base Shoe is being attached to a structurally secure steel substrate, all that is required is welding the two together, with no drilling or tapping of holes. Another advantage is that the Base Shoe can be positioned and aligned to job site conditions, and then welded.





Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation.

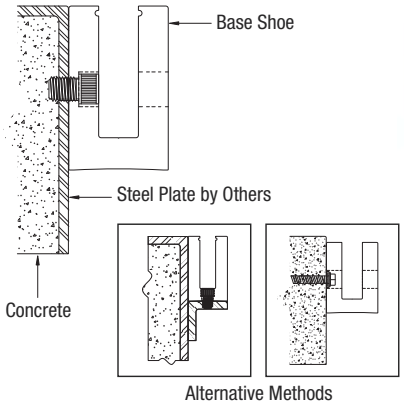
Typical Base Shoe Attachments

MORE INFORMATION crlaurence.com

3 Base Shoe Attachment to Steel Substrate/Fascia Mount or Angle Mount

Works With 8B, B5A, B5G, B5L, B5S, B6N, B6S, and B7S Monolithic Series Base Shoe. Also Works With L21S, L25S, L56S, and L68S Laminated Series Base Shoe.

If you are attaching a Base Shoe to a channel or angle from the side, this is called a Fascia Mount. Base Shoe should be attached to steel substrate prior to concrete being poured. Otherwise, drilling and tapping of steel may be difficult, if not impossible. Use of Weld Blocks may be a possible solution. CRL can fabricate the Base Shoe with side mount attachment holes per your engineer's instructions. An alternative is to fasten an angle to the fascia and mount the Base Shoe using the regular bottom mount method. Steel should be drilled to match hole locations in Base Shoe. Allowable fabrication tolerances may affect 12" (305 mm) centers.

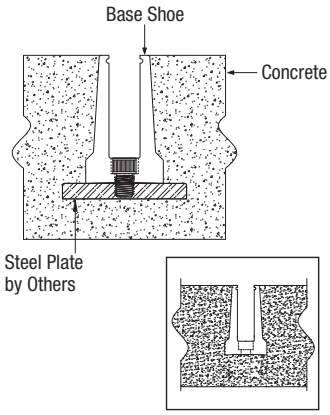




4 Base Shoe Attachment When Embedded in Concrete

Works With B5T Series Base Shoe

If planning and time permit, a poured in place Base Shoe is often preferred when an 'all-glass' look is desired. This eliminates any Base Shoe showing, and gives the impression that the glass comes directly out of the floor. A Tapered Base Shoe was developed for this application. When poured in place it is locked in by concrete. Mechanically fastening the shoe to the substrate is still recommended during installation. There are many different ways to set the Base Shoe prior to pouring concrete. For more information or questions regarding the different mounting options contact CRL Technical Sales.

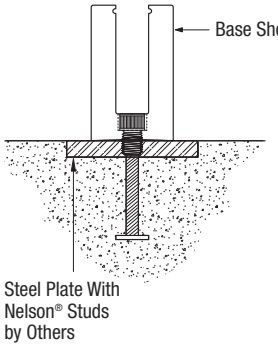




5 Base Shoe Attachment to Embedded Steel Strip

Works With 8B, B5A, B5G, B5L, B5S, B5T, B6N, B6S, and B7S Monolithic Series Base Shoe. Also Works With L21S, L25S, L56S, and L68S Laminated Series Base Shoe.

This attachment is often used in multi-story buildings with concrete floors. A 4" (102 mm) wide x 1/2" (13 mm) thick steel strip, drilled and tapped for screws with 12" (305 mm) centers (plugged or taped to prevent concrete penetration), is installed flush with the top of the concrete floor. To meet code requirements 3/8" x 2-1/2" (10 x 64 mm) Nelson® Studs are welded to the underside of the steel strip on 18" (457 mm) centers. For installation, remove the tape or plug from tapped holes and secure the Base Shoe with approved fasteners. Steel should be drilled to match hole locations in Base Shoe. Allowable fabrication tolerances may affect 12" (305 mm) centers.





Nelson is a registered trademark of Nelson Stud Welding, Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL TAPER-LOC® *'X'* Taper Set for 1/2" (12 mm), 15 mm, and 3/4" (19 mm) Monolithic Tempered Glass

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

- For Interior and Exterior Use With CRL's 8B, B5A, B5G, B5S, B5T, B6N, B6S, and B7S Glass Railing Base Shoe
- Precision Measured Control Gives You High Quality Installs Every Time
- Supports All Mounting Methods With One Compact Installation/Removal Tool
- Eliminates the Use of Messy Cement
- Suitable for Interior and Exterior Use



MORE INFORMATION crlaurence.com



CAT. NO. TL5X10
TAPER-LOC® *'X'* Tapers for Interior and Exterior Use (Not for Use with Laminated Glass)

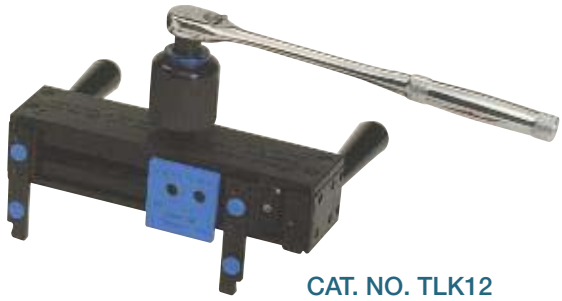
CAT. NO.	APPLICATION
TL5X10	TAPER-LOC® *'X'* for Interior and Exterior Use

Minimum order: 10 Taper Sets. All Taper Sets can be combined for quantity pricing.

PANEL WIDTH	SUGGESTED TAPER-LOC® SETS PER PANEL
6" to 14" (152 to 356 mm)	1 Set
14" to 28" (356 to 711 mm)	2 Sets
28" to 42" (711 to 1067 mm)	3 Sets
42" to 56" (1067 to 1422 mm)	4 Sets
56" to 70" (1422 to 1778 mm)	5 Sets
70" to 84" (1778 to 2134 mm)	6 Sets

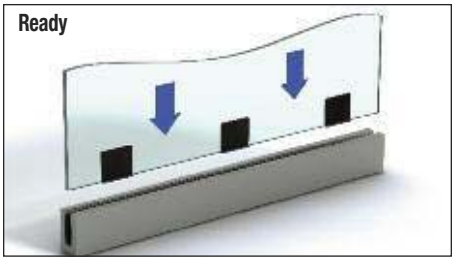
CRL's TAPER-LOC® ***'X'*** Taper Set for 1/2" to 3/4" (12 to 19 mm) Monolithic Tempered glass is made up of two Tapers and one L-Setting Block. Tapers are made of high strength reinforced engineering grade polymer, and expand in thickness when compressed together with the Cat. No. TLK12 Installation/Removal Tool, mechanically locking the glass panel into the base shoe.

The TAPER-LOC® L-Setting Block spaces the glass away from the base shoe's vertical wall on one side and at the bottom edge, and is attached to the glass panel prior to installing into the base shoe with an adhesive tape strip that is pre-installed. It also serves to insulate the glass panels from damage during insertion into the base shoe and, at the same time, center the glass in the pocket.

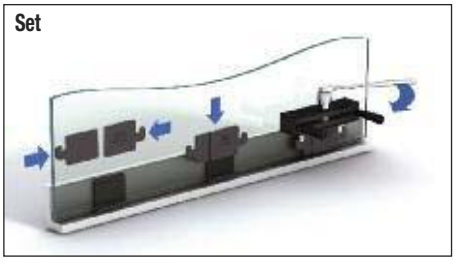


VIDEO

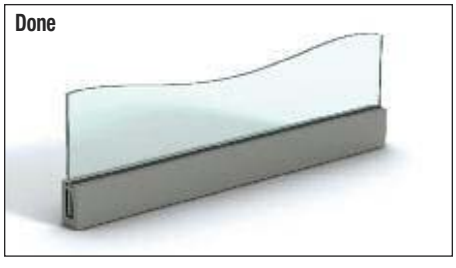
CAT. NO. TLK12
TAPER-LOC® Installation/Removal Tool With Integrated Torque Wrench Provides correct lock-up force to secure Tapers against the glass. Minimum order is one each.
(see page HR010 for additional information).



Adhere TAPER-LOC® L-Pressure Blocks to the bottom edge of the glass and lower it into position.



Insert then tighten the TAPER-LOC® ***'X'*** Tapers with the TLK12 Tool to lock the glass securely in place.



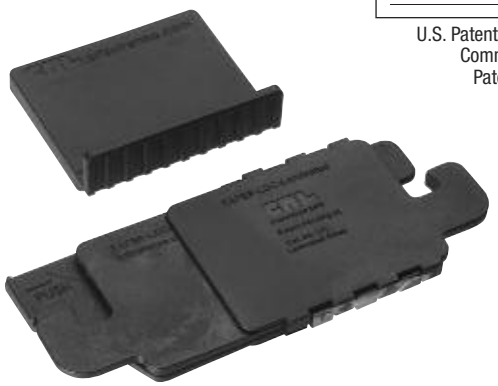
Roll in the Glazing Gasket and you're done! The TAPER-LOC® System makes it quick, clean, and simple.

CRL TAPER-LOC® *'X'* Taper Sets for 9/16" (13.52 mm) and 11/16" (17.52 mm) Laminated Tempered Glass

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

- **For Use With 9/16" (13.52 mm) and 11/16" (17.52 mm) Laminated Tempered Glass**
  [1/4" x .060" x 1/4" (6 x 1.52 x 6 mm) and 5/16" x .060" x 5/16" (8 x 1.52 x 8 mm)]
- **Great for Stadiums, Condos, or Areas Trying to Avoid the Hazard of Broken Glass Falling to Lower Levels**
- **Designed for Use With CRL's L56S and L68S Laminated Glass Base Shoe Only**
- **Suitable for Interior and Exterior Use**



CRL US ALUMINUM MANUFACTURED IN THE USA

USE LAMINATED TEMPERED GLASS

CAT. NO.	APPLICATION
LTL96X	TAPER-LOC® *'X'* for Interior and Exterior Use

Minimum order: 10 Taper Sets. All Taper Sets can be combined for quantity pricing.

PANEL WIDTH	SUGGESTED TAPER-LOC® SETS PER PANEL
6" to 14" (152 to 356 mm)	1 Set
14" to 28" (356 to 711 mm)	2 Sets
28" to 42" (711 to 1067 mm)	3 Sets
42" to 56" (1067 to 1422 mm)	4 Sets
56" to 70" (1422 to 1778 mm)	5 Sets
70" to 84" (1778 to 2134 mm)	6 Sets

CRL's TAPER-LOC® *'X'* Taper Sets for 9/16" (13.52 mm) and 11/16" (17.52 mm) laminated tempered glass are made up of four Tapers and one L-Setting Block. Engineering grade polymer tapers expand in thickness when compressed together with the Cat. No. TLK12 Installation/Removal Tool, mechanically locking the glass panel into the base shoe. The TAPER-LOC® L-Setting Block spaces the glass away from the base shoe's vertical wall on one side and at the bottom edge, and is attached to the glass panel prior to installing into the base shoe with an adhesive tape strip that is pre-installed. It also serves to insulate the glass panels from damage during insertion into the base shoe and, at the same time, center the glass in the pocket.

CRL TAPER-LOC® *'X'* Taper Sets for 27/32" (21.52 mm) and 1-1/16" (25.52 mm) Laminated Tempered Glass

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

- **For Use With 27/32" (21.52 mm) and 1-1/16" (25.52 mm) Laminated Tempered Glass**
  [3/8" x .060" x 3/8" (10 x 1.52 x 10 mm) and 1/2" x .060" x 1/2" (12 x 1.52 x 12 mm)]
- **The Best Choice for Stadiums, Condos, or Areas Trying to Avoid the Hazard of Broken Glass Falling to Lower Levels**
- **Designed for Use With CRL's L21S and L25S Laminated Glass Base Shoe Only**
- **Suitable for Interior and Exterior Use**



CRL US ALUMINUM MANUFACTURED IN THE USA

USE LAMINATED TEMPERED GLASS

MORE INFORMATION crlaurence.com

CAT. NO.	APPLICATION
LTL10X	TAPER-LOC® *'X'* for Interior and Exterior Use

Minimum order: 10 Taper Sets. All Taper Sets can be combined for quantity pricing.

PANEL WIDTH	SUGGESTED TAPER-LOC® SETS PER PANEL
6" to 14" (152 to 356 mm)	1 Set
14" to 28" (356 to 711 mm)	2 Sets
28" to 42" (711 to 1067 mm)	3 Sets
42" to 56" (1067 to 1422 mm)	4 Sets
56" to 70" (1422 to 1778 mm)	5 Sets
70" to 84" (1778 to 2134 mm)	6 Sets

CRL's TAPER-LOC® *'X'* Taper Sets for 27/32" (21.52 mm) and 1-1/16" (25.52 mm) laminated tempered glass are made up of four Tapers and one L-Setting Block. Engineering grade polymer tapers expand in thickness when compressed together with the Cat. No. TLK12 Installation/Removal Tool, mechanically locking the glass panel into the base shoe. The TAPER-LOC® L-Setting Block spaces the glass away from the base shoe's vertical wall on one side and at the bottom edge, and is attached to the glass panel prior to installing into the base shoe with an adhesive tape strip that is pre-installed. It also serves to insulate the glass panels from damage during insertion into the base shoe and, at the same time, center the glass in the pocket.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

TAPER-LOC® XA
DRY GLAZE RAILING SYSTEM

NEW!

All the Benefits of TAPER-LOC® and More!

VIDEO

CRL US ALUMINUM MANUFACTURED IN THE USA

- **TAPER-LOC®*XA* Lets You Compensate for Uneven Surfaces So Glass Panels Can Be Perfectly Plumb**
- **Next Generation Taper Sets Install Easily Using Our TLK12 Installation/Removal Tool and New TLXAAT Angle Adjustment Tool**
- **Taper Sets for Monolithic and Laminated Glass Work With Our Most Commonly Used Aluminum Base Shoe**



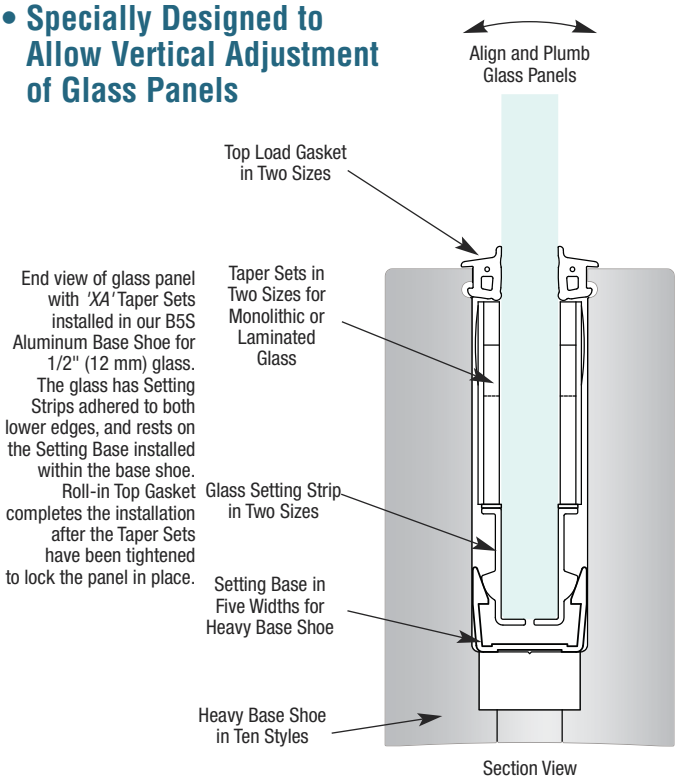
When job site conditions aren't perfect it's good to know you can rely on a product that will help you achieve results that are. That's what you get with TAPER-LOC®*XA*. 'A' stands for Adjustable, and TAPER-LOC®*XA* is especially designed to allow vertical adjustment of the glass panels to perfect plumb, no matter how uneven the floor beneath the base shoe. Glass setting strips adhered to the lower edges of the panel rest on a setting base that allows you to adjust the glass panel to plumb, even if the base shoe segments do not align perfectly.

Unlike the original TAPER-LOC® System, the '*XA*' Taper Sets are placed on both sides of the glass panel. That gives you the flexibility to perfectly align and plumb the glass panels in every segment. The addition of our TLXAAT Angle Adjustment Tool even lets you make adjustments to panels that are already installed on balconies or elevated concourses without the need for scaffolding or inconveniently leaning over the railing.

The new TAPER-LOC®*XA* is a good thing made better, and is another product from the innovative engineers at C.R. Laurence Manufacturing. '*XA*' Taper Sets and tools are made in California, and available from all C.R. Laurence Service Centers worldwide.

For more information, contact CRL Architectural Railing Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 from outside the U.S. and Canada. Send email to us at **crlaurence.com/support**.

- **Specially Designed to Allow Vertical Adjustment of Glass Panels**



End view of glass panel with *'XA'* Taper Sets installed in our B5S Aluminum Base Shoe for 1/2" (12 mm) glass. The glass has Setting Strips adhered to both lower edges, and rests on the Setting Base installed within the base shoe. Roll-in Top Gasket completes the installation after the Taper Sets have been tightened to lock the panel in place.



CAT. NO. TLXATSM
Adjustable Taper Set for Monolithic Glass
(see opposite page)



CAT. NO. TLXATSL
Adjustable Taper Set for Laminated Glass
(see opposite page)



or





MORE INFORMATION
crlaurence.com

CAT. NO. TLK12
Installation/Removal Tool
(see page HR010)

PANEL WIDTH	SUGGESTED TAPER-LOC®*XA* SETS PER PANEL
6" to 14" (152 to 356 mm)	1 Set
14" to 28" (356 to 711 mm)	2 Sets
28" to 42" (711 to 1067 mm)	3 Sets
42" to 56" (1067 to 1422 mm)	4 Sets
56" to 70" (1422 to 1778 mm)	5 Sets
70" to 84" (1778 to 2134 mm)	6 Sets

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

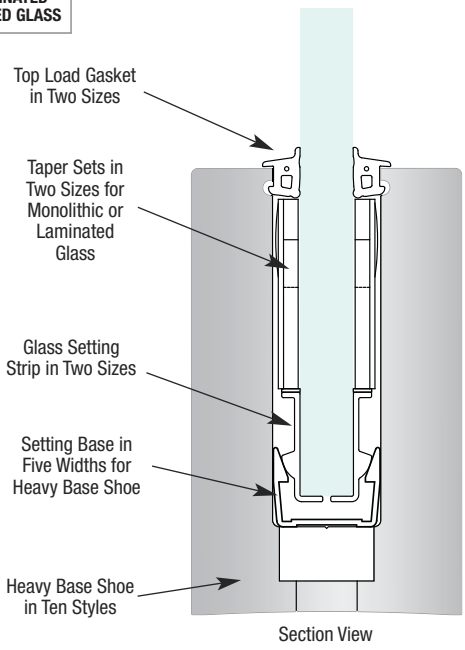
TAPER-LOC® XA
DRY GLAZE RAILING SYSTEM

USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS

MORE INFORMATION crlaurence.com

TAPER-LOC® *XA* Installation Components

NEW!

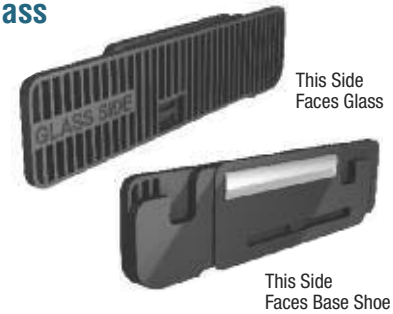


Section View

• TAPER-LOC® *XA* Taper Sets in Two Sizes for Monolithic or Laminated Glass



CAT. NO. TLXATSM
Adjustable Taper Set for Monolithic Glass



CAT. NO. TLXATSL
Adjustable Taper Set for Laminated Glass

TAPER SETS IN BOXES OF 20 SETS

CAT. NO.	GLAZING TYPE
TLXATSM	1/2" to 3/4" (12 to 19 mm) Monolithic
TLXATSL	11/16" to 27/32" (17.52 to 21.52 mm) Laminated

Minimum order: 20 sets. All TAPER-LOC Taper Sets can be combined for quantity pricing.

• Top Load Gasket, Glass Setting Strips, and Setting Base to Complete the Install

TOP LOAD GASKET IN 100 FOOT (30.5 M) ROLLS

CAT. NO.	GLAZING TYPE	COLOR
BSG100	Monolithic	Black
LBSG100	Laminated	Black

Minimum order: 1 roll.

GLASS SETTING STRIPS IN 57" (1.45 M) LENGTHS

CAT. NO.	GLAZING TYPE
TLXAM0N0	Monolithic
TLXALAM	Laminated

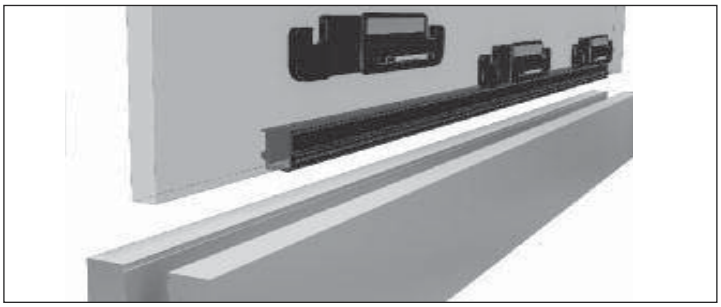
Minimum order: 10 each. Sizes can be combined for quantity pricing.

SETTING BASE IN 10" (254 MM) PIECES

CAT. NO.	GLAZING TYPE	BASE SHOE TYPES
TLXA12SB	Monolithic	8B, B5A, B5G, B5S, B5T
TLXA15SB	Monolithic	B6N, B6S
TLXA19SB	Monolithic	B7S
TLXA17SB	Laminated	L68S
TLXA21SB	Laminated	L21S

Minimum order: 10 each. Sizes can be combined for quantity pricing.

• Heavy Base Shoe to Hold it All



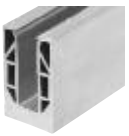
The TAPER-LOC® *XA* System for monolithic glazing will work with 1/2" to 3/4" (12 to 19 mm) thick panels, and for laminated panels from 11/16" to 27/32" (17.52 to 21.52 mm) thick. The Taper Sets are specific to monolithic and laminated glazing types, as are the Glass Setting Strips with pre-positioned adhesive strips.

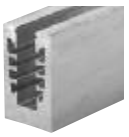
You have choices of heavy base shoe in pre-drilled base mount or fascia mount standard lengths. The Setting Base that is inserted into the Heavy Base Shoe is specific to the base shoe being used, and is not interchangeable.

To finish off the installation use our Top Load Gasket. This black colored vinyl rolls into the cavity between the glass and the base shoe to keep out water and debris.

If you are planning your first railing project and would like ordering assistance, contact CRL Architectural Railing Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 from outside the U.S. and Canada. Send email to us at crlaurence.com/support.


B5S Series
See Page HR018


8B Series
See Page HR019


B5G Series
See Page HR020


B5A Series
See Page HR022


B5T Series
See Page HR024


B6N Series
See Page HR028


B6S Series
See Page HR028


B7S Series
See Page HR030


L68S Series
See Page HR034


L21S Series
See Page HR036

CRL TAPER-LOC® Installation/Removal Tool Kit for Glass Railing and Windscreen Systems

- Works With All of CRL's TAPER-LOC® Systems and Components, Including Our New TAPER-LOC® *'XA'*
- Features Integrated Torque Wrench Designed for Precise Lock-Up Force
- Supports All Mounting Methods
- Reduces Installation Time by 50%



TAPER-LOC® XA DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

CRL US ALUMINUM MANUFACTURED IN THE USA

CAT. NO. TLK12
Installation/Removal Tool Kit

The Installation/Removal Tool is used for tightening TAPER-LOC® Tapers in the channel of the base shoe. It has an Integrated Torque Wrench that applies the precise lock-up force necessary to set the glass panels. Simply set in place and turn the wrench until a clicking sound is heard. This assures the Tapers have been locked together. It can also remove all models of TAPER-LOC® Tapers when glass panels need to be reset or replaced. You can also use the Tool for base shoe that has been recessed into the floor by switching the standard Compression Blades (blue) with the longer Recessed Blades (red), both included. The Tool Kit comes with the Integrated Torque Wrench, a Glass Railing Setting Tool for Monolithic Glass, a Laminated Glass Setting Tool, a pair of Glass Setting Roller Blocks, three sets of color-coded Blades (yellow, red, and blue), matching Pusher Plates, and Instructions, all in a Molded Carrying Case. Minimum order is one each.



Place the TAPER-LOC® Tapers into base shoe finger tight at designated spacing.



Place the TAPER-LOC® Installation/Removal Tool into position directly over the Taper Set.



Tighten the TAPER-LOC® components using our measured Torque Wrench and you are done.

CRL PAL Plumb/Angle/Level Locator Kit

- Plumb and Level All Your TAPER-LOC® Dry Glaze Railing Installations
- Electronic Angle Finder for Custom Corners and Stairway Applications

This CRL PAL Plumb/Angle/Level Locator Kit was designed to assist you with level and plumb installations of all CRL railing base shoe. This innovative tool levels the shoe in both the vertical and horizontal orientations. Each kit includes: a Laser Tool with Case, a Base Shoe Alignment Adapter, a Laser Target, a Chalk Line, an 8 ounce bottle of Blue Chalk Refill, a Black Listo Marking Pencil, a Blue Sharpie Pen, and instructions, all in a Molded Carrying Case. Minimum order is one each.



CAT. NO. PAL1K

CRL PAL Plumb/Angle/Level Locator Laser Tool

- Use for Setting Glass Base Shoe Prior to Installing TAPER-LOC® Dry Glaze System
- Angle Measurements in Degrees
- Displays Angle and Inclination Simultaneously

This CRL PAL Plumb/Angle/Level Locator Laser Tool displays angle measurements in degrees. Both the angle and inclination measurements are displayed simultaneously. Includes: Laser Tool and Carrying Case. Minimum order is one each.



CAT. NO. 406065

MORE INFORMATION
crlaurence.com

CRL Glass Railing Setting Tools

- For Use With CRL's Dry Glaze TAPER-LOC® System
- Stabilizes and Centers the Glass Panel in the Base Shoe Pocket During Installation of Tapers

These CRL Glass Railing Setting Tools are designed to stabilize and center glass panels in aluminum base shoe during installation of CRL's Dry Glazed TAPER-LOC® Tapers. The temporary setting tools also secure the glass panels in place, giving the installer time to adjust or align as required. Minimum order is one each.

MORE INFORMATION crlaurence.com



CAT. NO. GWST2
For Monolithic Glass

CAT. NO. LTLST3
For Laminated Glass



CRL TAPER-LOC® Angle Adjustment Tool

NEW!

- Safely Adjusts *XA* Series Tapers on Drop-Side

The new TAPER-LOC® *XA* System provides angular adjustment of the glass panel to correct for misalignment and glass curvature. This specialized tool will adjust the outside (drop-side) Tapers without the need for scaffolding or inconvenient leaning over the railing. Simply engage the tool with pre-installed Tapers and squeeze together with light pressure. Both ends of the tool are functional, and holes are provided for attachment of a safety lanyard (not included). Minimum order is one each.





CAT. NO. TLXAAT

CRL TAPER-LOC® Extraction Tool

- For Extraction of Stuck TAPER-LOC® Tapers
- Provides Extra Reach and Leverage
- Works With All TAPER-LOC® Taper Sets

Use this Extraction Tool to remove TAPER-LOC® Tapers that have become stuck in the aluminum base shoe and cannot be removed by normal methods with the TLK12 Installation/Removal Tool. Minimum order is one each.

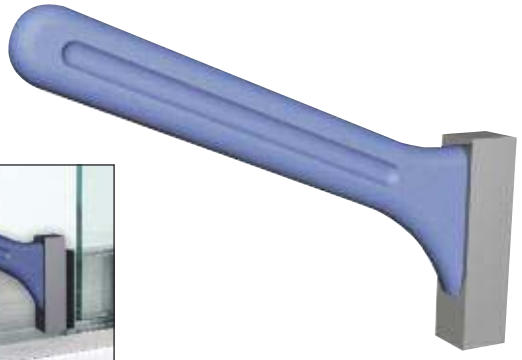


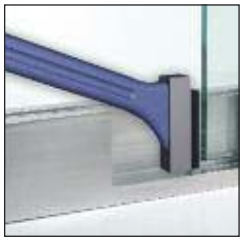
CAT. NO. TLEX1

CRL Rubber Spacing Block and Sealing Pad Installation Tool

- Makes Positioning of Spacing Blocks or Sealing Pads Fast and Easy

Simply push the CRL Rubber Spacing Block, with the adhesive side out, into the notch at the end of the Installation Tool, and then remove the release paper. Slip the Tool into Base Shoe pocket and slide it toward the edge of the glass panel. When contact is made push firmly, and then slide the Tool back. The Spacing Block is now in the proper location. To install Sealing Pads, place them in the Base Shoe pocket, and then push into place with the Tool. Minimum order is one each.





CAT. NO. RSB1T

CRL Rigid Rubber Spacing Blocks With Adhesive





- **Adhesive Back Holds Spacing Block in Place**
- **Maintains Even Spacing of Glass Panels**

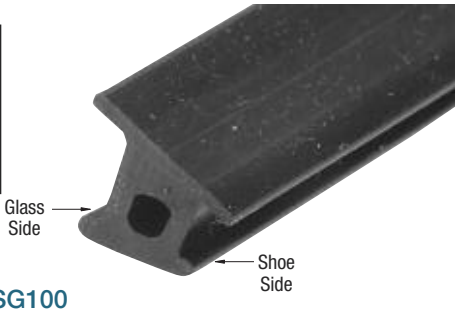
CRL Rigid Rubber Spacing Blocks With Adhesive provide even spacing between glass panels. They are always necessary on slant stair installations to prevent the glass panels from sliding down. They are easily installed and perfectly aligned every time using the CRL Rubber Spacing Block Installation Tool (see page HR011). Adhesive back holds the Spacing Blocks in position. **NOTE:** You must cut 5/8" (16 mm) off the length of the Spacing Block when used with B5L Series Low Profile Base Shoe.

CAT. NO.	FITS BASE SHOE SERIES	WIDTH	THICKNESS	LENGTH	QTY/PKG
GR5ASB	8B, B5A, B5G, B5L, B5S, B5T, B6N, B6S and L56S	1/2" (12 mm)	1/4" (6 mm)	3-5/16" (84 mm)	100
GR7ASB	B7S, L68S	3/4" (19 mm)	1/4" (6 mm)	3-5/16" (84 mm)	100
LGR21SB	L21S	7/8" (22 mm)	1/4" (6 mm)	3-5/16" (84 mm)	100
LGR25SB	L25S	1" (25 mm)	1/4" (6 mm)	3-5/16" (84 mm)	100

Minimum order: 100 each. Blocks must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Top Rubber Gasket for Monolithic Glass Base Shoe





- **Quick and Easy Rubber Gasket Locks in Place When Used With CRL's B5A, B5G, B5S, B5L, B5T, B6N, B6S, B7S, and 8B Glass Railing Base Shoe**

CRL Top Rubber Gasket finishes off the top of the Base Shoe pocket after glass has been set. Made of black EPDM rubber, it easily rolls in with the CRL Vinyl Roller Tool (see next page). An alternate method of finishing off the top pocket is to use CRL Open Cell Backer Rod and 95CBL Black Silicone.

CAT. NO. BSG100
Used for Monolithic Glass Base Shoe

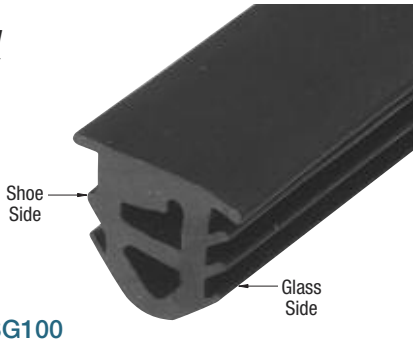


CAT. NO.	COLOR	GLASS THICKNESS	ROLL LENGTH
BSG100	Black	1/2" to 3/4" (12 to 19 mm)	100' (30.5 m)
BSG500	Black	1/2" to 3/4" (12 to 19 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Top Rubber Gasket for Laminated Glass Base Shoe

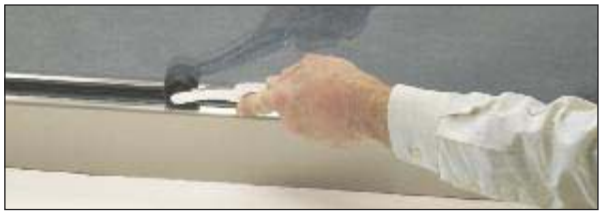
MORE INFORMATION
crlaurence.com



- **Quick and Easy Rubber Gasket Locks in Place When Used With CRL's L21S, L25S, L56S, and L68S Glass Railing Base Shoe**

CRL Top Rubber Gasket finishes off the top of the Base Shoe pocket after glass has been set. Made of black EPDM rubber, it easily rolls in with the CRL Vinyl Roller Tool (see next page). An alternate method of finishing off the top pocket is to use CRL Open Cell Backer Rod and 95CBL Black Silicone.

CAT. NO. LBSG100
Used for Laminated Glass Base Shoe



CAT. NO.	COLOR	GLASS THICKNESS	ROLL LENGTH
LBSG100	Black	9/16", 11/16", 27/32", or 1-1/16" (13.52, 17.52, 21.52, or 25.52 mm)	100' (30.5 m)
LBSG200	Black	9/16", 11/16", 27/32", or 1-1/16" (13.52, 17.52, 21.52, or 25.52 mm)	200' (61 m)

Minimum order: 1 roll.

CRL Vinyl Roller Tools for Top Rubber Gasket

- **Comfortable Tapered Grip and a Ball Bearing Wheel**



CRL Vinyl Roller Tools aid in the insertion of Glazing Vinyls and Gaskets in window assemblies and heavy aluminum base shoe.



VR17 Extra Long Vinyl Roller Tool



VR04 Standard Vinyl Roller Tool



VR10 Blue Handle Vinyl Roller Tool

CAT. NO.	DESCRIPTION	REPLACEMENT WHEEL CAT. NO.
VR17	Extra Long 17" (432 mm) Vinyl Roller	RVW112
VR04	Standard 11" (279 mm) Vinyl Roller	RVW112
VR10	Blue Handle 11" (279 mm) Vinyl Roller	VR10RW

Minimum order: 1 each.

CRL Fast-Seal Top Rubber Gasket for Base Shoe

- **Quick and Easy to Install EPDM Rubber Gasket for Railing Base Shoe**
- **Locks in Place When Used With Cladded Base Shoe**

MORE INFORMATION crlaurence.com



Glass Side





Use CRL's BSG250 Fast Seal Top Rubber Gasket for glass railing applications where there is no access to the outside shoe edge. It's designed to be installed to the outside cladding edge before the glass is set in place, eliminating the difficulty and risk of reaching over the guard rail for seal installation. Use Cat. No. BSG100 or LBSG100 Top Rubber Gaskets to finish off top inside edge of base shoe pockets (see opposite page). **NOTE:** Custom cladding required for proper installation.

CAT. NO.	COLOR	ROLL LENGTH
BSG250	Black	250' (76.2 m)

Minimum order: 1 roll.

CRL Railing Technical Assistance

- **Full Service From Our Railing Technical Sales Team**
- **Design Assistance and Component Selection**
- **Detailed Project Quotes**

The C.R. Laurence Railing Technical Sales Team can help you choose the perfect railing system for any job. They can prepare a detailed quote that you can present to your client with the full assurance that the CRL Railing System they select will enhance the beauty and safety of the surroundings. They will also assist with component selection to ensure you can complete the job with a minimum amount of excess material. Your job can be made easier with the help of our trained professionals. CRL Railing Technical Sales can be reached Monday through Friday from 6 a.m. to 5 p.m. Pacific Time.





Call (800) 421-6144 in the United States, (877) 421-6144 from Canada, or (323) 588-1281 International.
Ask for Railing Technical Sales
Direct Fax (800) 587-7501 or (323) 584-5289
Direct E-Mail railings@crlaurence.com

To view or place an order for any CRL product visit our Online Catalog at crlaurence.com

The CRL GRS Wet Glaze System

MORE INFORMATION crlaurence.com

- **All You Need When the "Wet Pour" Method is Required or Preferred**





Wet Glaze installations basically secure lites of 1/2" (12 mm), 15 mm, and 3/4" (19 mm) tempered glass in engineered and approved Base Shoe with expanding cement. Our goal was to take an industry approved installation system and make it better.

Not all of our newly designed products are required to complete the job. For example, using a level and shims between the glass and Base Shoe will still help make the glass plumb. However, using our Cat. No. GRAT1 Clamp and Alignment Fixture in conjunction with a laser will reduce your installation time. The Clamp and Alignment Fixture is ideal for mezzanine installations where reaching over the rail to place shims between the glass and Base Shoe is unsafe.

With our Clamp and Alignment Fixture, all attachments, alignment of the glass, and clamping in place can be achieved from the floor side (safe side) of the installation. The fixture secures to the Base Shoe and glass with adjustable clamps. Alignment is achieved by turning the adjustment bolt in or out until plumb is achieved. After that, the fixture holds the glass in place until the expanding cement cures. Then the fixture can be easily removed by sliding it up the gap between the glass panels.

The use of each new tool or accessory is completely described in our Wet Glaze Installation Instructions which you can view at **crlaurence.com/base-shoe-tools**.

CRL Wet Glaze Alignment and Securing System

Use CRL Wet Glaze Alignment and Securing System tools to align the glass panels and hold them in position while the expansion cement sets. Additional Clamp and Alignment Fixtures allow you to do multiple panel pours.

CRL Clamp and Alignment Fixture

- **Secures and Aligns the Glass**
- **Plumb Within 1/32" (.8 mm) When Used With a Laser**
- **Retains Position Until Cement Sets**



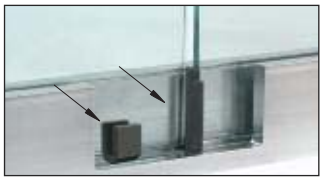
CAT. NO. GRAT1

The CRL Clamp and Alignment Fixture is a dual purpose tool. It not only aligns the glass, but can also be used to secure the cladding and hold it in place. A simple turn of the knob moves the glass in or out to achieve a plumb position. Minimum order is one each.

Five Easy Steps to Accurate Alignment



STEP 1: Install Base Shoe with CRL's PAL Plumb/Angle/Level Locator Kit



STEP 2: Install glass panels with Setting/Centering Blocks and Sealing Pads between them to control the pour.



STEP 3: Attach the Clamp and Alignment Fixture.



STEP 4: Turn adjustment knob on the Clamp and Alignment Fixture until the glass is plumb.



STEP 5: Pour in Expanding Cement to 3/8" (9.5 mm) below the top. Allow adequate time for it to set.

CRL Wet Glaze Pump and Accessories

- **Portable, Lightweight, Compact Delivery System for Expanding Cement**
- **Dramatically Increases Speed of Application**
- **On/Off Control at Point of Delivery**
- **Quick and Easy Hose Replacement**

MORE INFORMATION crlaurence.com



When CRL decided to enter the Glass Rail market, we went at it in typical CRL fashion and asked the question "How can we improve on the antiquated processes and equipment currently being used to benefit our customers"? We did just that by developing our Wet Glaze Pump and Accessories.

The Wet Glaze Pump has been designed to reduce the labor associated with the application of expanding cement to Hand Rail Base Shoe, and to improve the quality, efficiency, and effectiveness of the final assembly of the Base Shoe and glass. The Wet Glaze Pump not only increases speed of application dramatically, it also offers superior control over the flow rate and delivery location than that of manual applicators.

Simply mix your cement in the mixing bucket, insert the end of the inlet hose into the mixture, and depress the handy ON/OFF Switch located on the delivery nozzle. The pump will immediately start to move the cement through the hose. Purge any excess water from the hose and release the ON/OFF Switch. You are now ready to start pumping cement into the Base Shoe at a rate of 11 feet (3.3 m) per minute.

CAT. NO. GRP1

Pump Kit Includes: One Pump with Hoses, One Nozzle, One Momentary ON/OFF Switch, Two 5 Gallon Buckets, Two Measuring Pitchers, One Plastic Scoop, One Mixing Spoon, One GFC1 15A Ground Fault Interrupt Device, and One GRP2 Replacement Hose Kit.

NOTE: Clamp and Alignment Fixture not included. See page HR014 for information.
Minimum order is one each.

CAT. NO. GRP2

Replacement Hose Kit Includes: Hoses, One Nozzle, and Clamps (No ON/OFF Switch).
Minimum order is one each.





Details on kit components are available from CRL Technical Sales or the CRL web site at **crlaurence.com/base-shoe-tools**.

CRL Pouring Ramp for Base Shoe Applications Using Expanding Cement

- **Neat and Effective Manual Delivery of Expanding Cement**



The CRL Pouring Ramp provides a wide delivery area for mess-free pouring of cement into Base Shoe. It shields the gasket retention groove area in the Base Shoe, thereby eliminating further clean up. Minimum order is one each.

CRL US ALUMINUM MANUFACTURED IN THE USA

CAT. NO. GRP35

CRL Dispensing Bottle for Expanding Cement

- **Ideal for Small, Hard to Pour Areas**
- **32 Ounce Capacity**

This is a durable plastic squeeze bottle that ideally applies the expanding cement to small, hard to pour areas. Minimum order is one each.



CAT. NO. GRP36

CRL Cement Mixing Kit

- **Everything Needed to Accurately Measure and Mix Expanding Cement**

We have developed a kit with a combination of accessories that makes it easier to get the proper mixture of water and expanding cement. Simply mix expanding cement with water. The handy 3.5 gallon (13.25 liter) Pouring Pail has a spout and handle for easy delivery of the mixture. The Plastic Scoop and Mixing Spoon complete the kit. Use our Cat. No. GRP35 Cement Pouring Ramp (shown above) for a neat and effective method of directing the mixture just where you want it.



MORE CHOICES crlaurence.com



CAT. NO.	DESCRIPTION
GRP30	Cement Mixing Kit with one of each: 1000cc Pitcher (Water); 3000cc Pitcher (Dry Cement), 3.5 Gallon Pouring Pail, Plastic Scoop, Mixing Spoon

Minimum order: 1 each.

CAT. NO. MX91

High Speed Mixer
(Sold Separately)
Minimum order is one each

CRL Kwixset™ and Rockite™ Expanding Cements

MORE INFORMATION crlaurence.com

MSDS ONLINE

SPEC. DATA ONLINE

- Kwixset™ for Exterior and Interior Applications
- Rockite™ for Interior Applications Only
- Recommended on All Wet Glaze GRS Installations
- Great for Setting Glass in Heavy Aluminum Base Shoe



For Exterior and Interior Applications



For Interior Applications Only

CRL Kwixset™ and Rockite™ are gray, hydraulic type cements that expand as they set, and are specially formulated to produce unexcelled strength and bonding qualities. When mixed with water they pour into place smoothly. Both set within 15 to 20 minutes, and when fully cured develop compression strengths in excess of 8000 pounds (552 bar) per square inch.

Kwixset™ is not affected by standing water, making it the right cement for exterior use, while the more economical Rockite™ is great for any interior application. Use either product to set railings, posts, and other fixtures because they will not shrink, crack or dry out. Mixing instructions can be found in each container and at **crlaurence.com**.

KWIXSET™ CEMENT

CAT. NO.	WEIGHT
KWX25	25 Pounds (11.3 kg)
KWX50	50 Pounds (22.7 kg)

Minimum order: 1 each.

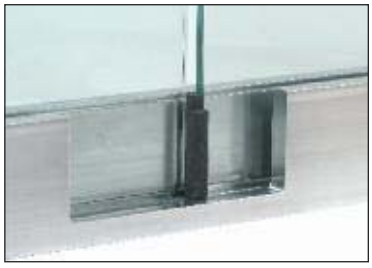
ROCKITE™ CEMENT

CAT. NO.	WEIGHT
R0CK01	1 Pound (.453 kg)
R0CK05	5 Pounds (2.27 kg)
R0CK10	10 Pounds (4.54 kg)
R0CK50	50 Pounds (22.7 kg)

Minimum order: 1 each.

CRL High Density Foam Spacing and Sealing Pads





- Die Cut Foam Pad With Adhesive on One Side
- Fast and Accurate Spacing and Sealing of Glass Panels
- Can Be Adhered Together to Increase the Gap Between the Glass Panels in 1/4" (6 mm) Increments

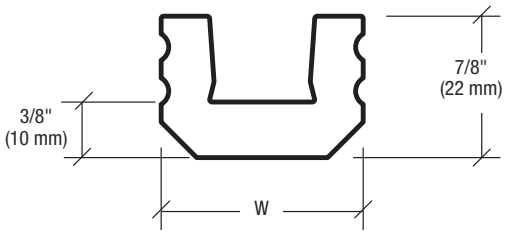
These High Density Foam Pads not only act as spacers between panels of glass, they also create a seal at the end of selected panels, acting as a dam for your desired pour area. They are easily installed and perfectly aligned every time using the CRL Rubber Spacing Block and Sealing Pad Installation Tool (see page HR011). The adhesive on one side allows the pads to be adhered together so spacing can be increased in 1/4" (6 mm) increments to meet your needs. Use with Rigid Rubber Spacing Blocks on slant pours to prevent glass movement during installation. **NOTE:** You must cut 5/8" (16 mm) off of the length of the Spacing and Sealing Pad when used with B5L Series Low Profile Base Shoe.

CAT. NO.	FITS BASE SHOE SERIES	GLASS THICKNESS	PAD WIDTH	PAD THICKNESS	PAD LENGTH	QTY/PKG
GR5NSB	B5A, B5G, B5L, B5S, B5T, B6N, B6S, 8B	1/2" (12 mm)	1-1/16" (27 mm)	1/4" (6 mm)	3-7/16" (87 mm)	20
GR7NSB	B7S	3/4" (19 mm)	1-5/16" (33 mm)	1/4" (6 mm)	3-7/16" (87 mm)	20

Minimum order: 20 each. Pads must be ordered in increments of 20.

CRL Glass Railing Setting and Centering Blocks

- Easily Center Glass Panels in Hand Rail Base Shoe
- Supports Glass Panels for Expanding Cement Installations





CRL Setting and Centering Blocks are pre-cut 4" (102 mm) pieces made of black EPDM rubber for durability and longevity. CRL recommends two 4" (102 mm) pieces located at quarter points along the bottom edge of each glass panel. **NOTE:** Three sizes are also available in 25' (7.6 m) rolls that can be cut to any length.

CAT. NO.	GLASS THICKNESS	BASE SHOE SERIES	"W" WIDTH	PACKAGING
GR4UB4	15 mm ●	B6S, B6N	1-1/4" (32 mm)	*20 each 4" (102 mm) per Pack
GR5UB4	1/2" (12 mm) ●	B5S, B5T, B5L, B5A, B5G, 8B	1" (25 mm)	*20 each 4" (102 mm) per Pack
GR6UB4	5/8" (16 mm) ●	B7S	1-1/4" (32 mm)	*20 each 4" (102 mm) per Pack
GR7UB4	3/4" (19 mm) ●	B7S	1-1/4" (32 mm)	*20 each 4" (102 mm) per Pack
LGR56UB4	9/16" (13.52 mm)**	L56S	1-1/4" (32 mm)	*20 each 4" (102 mm) per Pack
LGR68UB4	11/16" (17.52 mm)**	L68S	1-1/2" (38 mm)	*20 each 4" (102 mm) per Pack
LGR8UB4	27/32" (21.52 mm)**	L21S	1-5/8" (41 mm)	*20 each 4" (102 mm) per Pack
LGR10UB4	1-1/16" (25.52 mm)**	L25S	1-3/4" (44 mm)	*20 each 4" (102 mm) per Pack
GR5UB25	1/2" (12 mm) ●	B5S, B5T, B5L, B5A, B5G, 8B	1" (25 mm)	▲25' (7.6 m) per Roll
GR6UB25	5/8" (16 mm) ●	B7S	1-1/4" (32 mm)	▲25' (7.6 m) per Roll
GR7UB25	3/4" (19 mm) ●	B7S	1-1/4" (32 mm)	▲25' (7.6 m) per Roll

*Minimum order for 4" pieces is 20 each. Must be ordered in increments of 20. ▲Minimum order: 1 roll. ● Monolithic Glass. ** Laminated Glass.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Base Shoe for Monolithic Tempered Glass

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

- For 1/2", 5/8", and 3/4" (12, 15, and 19 mm) Thick Glass



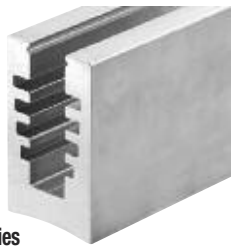
B5S Series
For 1/2" (12 mm) Glass
Pages HR018 and HR021



8B Series
For 1/2" (12 mm) Glass
Pages HR019 and HR021



B5G Series
For 1/2" (12 mm) Glass
Pages HR020 and HR021



B5A Series
For 1/2" (12 mm) Glass
Pages HR022 and HR023



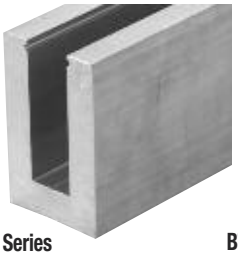
B5T Series
For 1/2" (12 mm) Glass
Pages HR024 and HR025



B5L Series
For 1/2" (12 mm) Glass
Pages HR026 and HR027



B6N Series
For 15.09 to 16.66 mm Glass
Pages HR028 and HR029



B6S Series
For 14.50 to 15.50 mm Glass
Pages HR028 and HR029



B7S Series
For 3/4" (19 mm) Glass
Pages HR030 and HR031

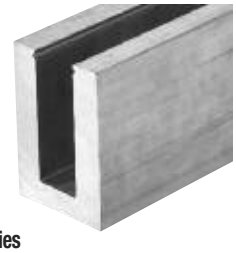
CRL Base Shoe for Laminated Tempered Glass

USE LAMINATED TEMPERED GLASS

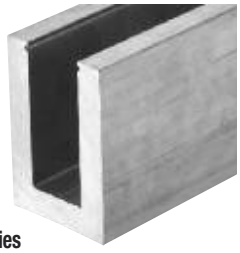
- For 9/16", 11/16", 27/32", and 1-1/16" (13.52, 17.52, 21.52, and 25.52 mm) Thick Glass



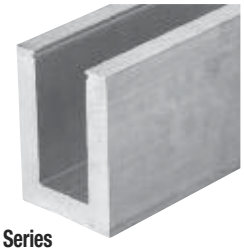
L56S Series
For 9/16" (13.52 mm) Glass
Pages HR032 and HR033



L68S Series
For 11/16" (17.52 mm) Glass
Pages HR034 and HR035



L21S Series
For 27/32" (21.52 mm) Glass
Pages HR036 and HR037



L25S Series
For 1-1/16" (25.52 mm) Glass
Pages HR038 and HR039

CRL Blumcraft® Base Shoe for Monolithic Tempered Glass

USE MONOLITHIC TEMPERED GLASS

- For 1/2" and 3/4" (12 and 19 mm) Thick Glass

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.



RG200 Series
for 1/2" (12 mm) Glass
Pages HR040 and HR041



RG450 Series
for 1/2" (12 mm) Glass
Pages HR042 and HR043



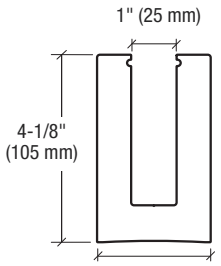
RG500 Series
for 3/4" (19 mm) Glass
Pages HR044 and HR045



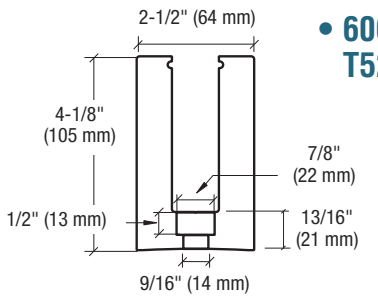
RG650 Series
for 3/4" (19 mm) Glass
Pages HR046 and HR047

CRL B5S Series Standard Square Base Shoe

- For 1/2" (12 mm) Monolithic Tempered Glass
- Typically Used as the Base Channel for Glass Railing Systems or Windscreens
- Drilled and Counter Bored, or We Will Custom Drill to Your Specifications
- Custom Cutting and Mitering Service Available

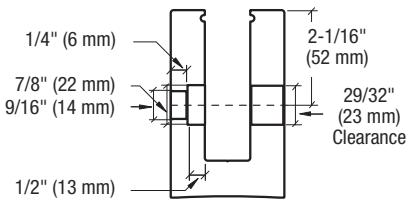


Undrilled



Hole Pattern "D"
6" or 12" (152 or 305 mm) C.T.C.

- 6063 Alloy, T52 Temper



Hole Pattern "F"
6" or 12" (152 or 305 mm) C.T.C.

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

USE MONOLITHIC TEMPERED GLASS



Gasket Retention Groove
Secures the Top Rubber
Gasket in the Base Shoe

MORE INFORMATION
crlaurence.com

CRL B5S Series Standard Square Base Shoe is used as the base channel for glass railing systems. It can be clad in six choices of architectural finishes (see page HR021). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered and tested a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five tested methods of attachment can be found on pages HR004 to HR005, and associated fasteners are shown on page HR277.



TL5X10 TAPER-LOC®
Standard Taper Sets



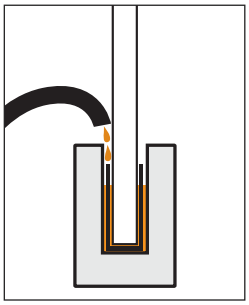
TLXATSM TAPER-LOC®
Adjustable Taper Sets

TAPER-LOC® DRY GLAZE SYSTEM



For Use with TL5X10 and TLXATSM TAPER-LOC® Taper Sets for 1/2" (12 mm) Monolithic Tempered Glass

WET GLAZE SYSTEM



For Use with 1/2" (12 mm) Monolithic Tempered Glass

GLASS SPECIFICATIONS:
1/2" (12 mm) Thick Glass when using TAPER-LOC® Dry Glaze System and Wet Glaze System.

For Test Results and Drilling Recommendations, Visit **crlaurence.com/test-reports**.

B5S SERIES STANDARD SQUARE BASE SHOE

12" (305 MM) C.T.C. CAT. NO.	6" (152 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
B5S10D**	B5S10D6	120" (3.05 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	84 pounds (38 kg)
B5S20D**	B5S20D6	240" (6.10 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	167 pounds (76 kg)
B5S10F	B5S10F6	120" (3.05 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	84 pounds (38 kg)
B5S20F	B5S20F6	240" (6.10 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	167 pounds (76 kg)
B5S10	---	120" (3.05 m)	---	Δ Extrusion Only (Without Holes)	84 pounds (38 kg)
B5S20	---	240" (6.10 m)	---	Δ Extrusion Only (Without Holes)	167 pounds (76 kg)

** Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. * Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Δ **NOTE:** 120" (3.05 m) and 240" (6.10 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

SHIPPING NOTE: Due to the difficulty in packaging and handling 240" (6.10 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL 8B Series Square Base Shoe

- For 1/2" (12 mm) Monolithic Tempered Glass
- Environmentally Friendly (Green Product)
- 30% Lighter than CRL's Traditional B5S Series Base Shoe
- Typically Used as the Base Channel for Glass Railing Systems or Windscreens
- Drilled and Counter Bored, or We Will Custom Drill to Your Specifications
- Custom Cutting and Mitering Service Available

NEW!

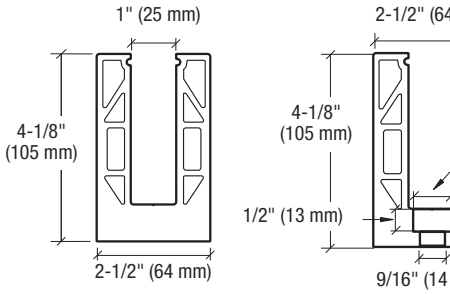
GREEN PRODUCT

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com

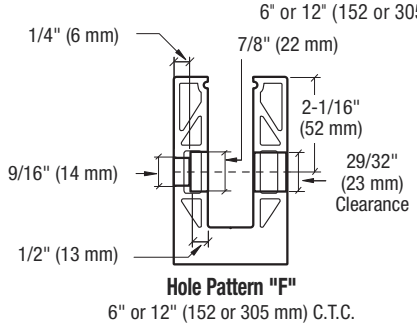


Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe



- 6063 Alloy, T52 Temper

ARCHITECTURAL RECORD Record Products 2014 WINNER





TL5X10 TAPER-LOC® Standard Taper Sets

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia Patent No. 2008207524

CRL 8B Series Square Base Shoe is used as the base channel for glass railing systems. It can be clad in six choices of architectural finishes (see page HR021). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered and tested a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five tested methods of attachment can be found on pages HR004 to HR005, and associated fasteners are shown on page HR277.



TLXATSM TAPER-LOC® Adjustable Taper Sets

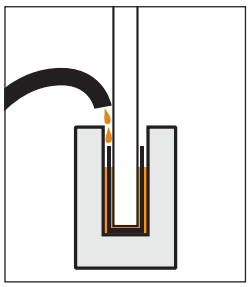
GLASS SPECIFICATIONS:
1/2" (12 mm) Thick Glass when using TAPER-LOC® Dry Glaze System and Wet Glaze System.

TAPER-LOC® DRY GLAZE SYSTEM



For Use with TL5X10 and TLXATSM TAPER-LOC® Taper Sets for 1/2" (12 mm) Monolithic Tempered Glass

WET GLAZE SYSTEM



For Use with 1/2" (12 mm) Monolithic Tempered Glass

For Test Results and Drilling Recommendations, Visit **crlaurence.com/test-reports**.

8B SERIES SQUARE BASE SHOE

CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
8B10D**	120" (3.05 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	60 pounds (27 kg)
8B20D**	240" (6.10 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	120 pounds (54 kg)
8B10F	120" (3.05 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	60 pounds (27 kg)
8B20F	240" (6.10 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	120 pounds (54 kg)
8B10	120" (3.05 m)	---	△ Extrusion Only (Without Holes)	60 pounds (27 kg)
8B20	240" (6.10 m)	---	△ Extrusion Only (Without Holes)	120 pounds (54 kg)

** Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. * Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

△ **NOTE:** 120" (3.05 m) and 240" (6.10 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

SHIPPING NOTE: Due to the difficulty in packaging and handling 240" (6.10 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

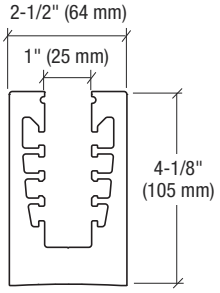
CRL US ALUMINUM

CRL B5G Series Square Base Shoe

NEW!

- For 1/2" (12 mm) Monolithic Tempered Glass
- Lower Cost Base Shoe That Still Meets and Exceeds Code Standards
- Drilled and Counter Bored, or We Will Custom Drill to Your Specifications
- 20% Lighter Than CRL's Traditional B5S Series Base Shoe
- Custom Cutting and Mitering Service Available

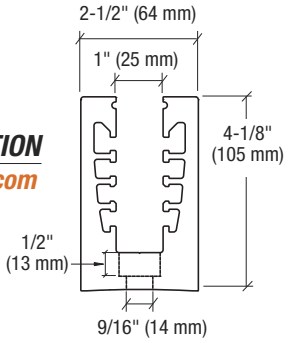




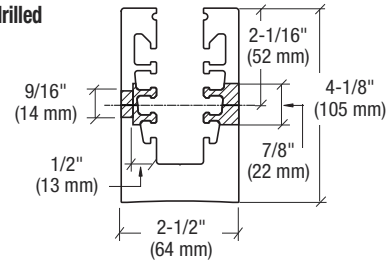
Undrilled

GREEN PRODUCT

MORE INFORMATION crlaurence.com



Hole Pattern "D"
6" or 12" (152 or 305 mm) C.T.C.



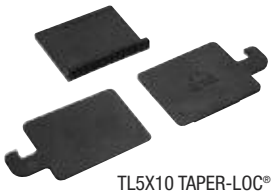
Hole Pattern "F"
6" or 12" (152 or 305 mm) C.T.C.

Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe

- 6063 Alloy, T52 Temper

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia Patent No. 2008207524



TL5X10 TAPER-LOC® Standard Taper Sets



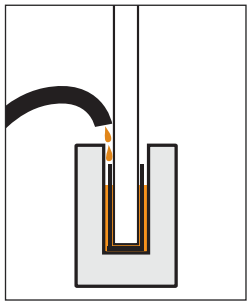
TLXATSM TAPER-LOC® Adjustable Taper Sets

TAPER-LOC™ DRY GLAZE SYSTEM



For Use with TL5X10 and TLXATSM TAPER-LOC® Taper Sets for 1/2" (12 mm) Monolithic Tempered Glass

WET GLAZE SYSTEM



For Use with 1/2" (12 mm) Monolithic Tempered Glass

For Test Results and Drilling Recommendations, Visit **crlaurence.com/test-reports**.

CRL B5G Series Square Base Shoe is used as the base channel for glass railing systems. It can be clad in six choices of architectural finishes (see page HR021). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered and tested a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five tested methods of attachment can be found on pages HR004 to HR005, and associated fasteners are shown on page HR277.

GLASS SPECIFICATIONS:
1/2" (12 mm) Thick Glass when using TAPER-LOC® Dry Glaze System and Wet Glaze System.

B5G SERIES SQUARE BASE SHOE

12" (305 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
B5G10D**	120" (3.05 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	67 pounds (30 kg)
B5G20D**	240" (6.10 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	133 pounds (60 kg)
B5G10F	120" (3.05 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	67 pounds (30 kg)
B5G20F	240" (6.10 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	133 pounds (60 kg)
B5G10	120" (3.05 m)	---	Δ Extrusion Only (Without Holes)	67 pounds (30 kg)
B5G20	240" (6.10 m)	---	Δ Extrusion Only (Without Holes)	133 pounds (60 kg)

** Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. * Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Δ **NOTE:** 120" (3.05 m) and 240" (6.10 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

SHIPPING NOTE: Due to the difficulty in packaging and handling 240" (6.10 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

CRL Cladding for B5S, B5G, and 8B Series Standard Square Base Shoe

Straight Cladding for B5S, B5G, and 8B Series Standard Square Base Shoe

- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes
- Custom Cutting and Mitering Service Available

CRL Cladding allows the user to match any of six architectural finishes offered in Cap Railing. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. **NOTE:** Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Fascia Cladding is also available. Go to crlaurence.com/base-shoe for details.



CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
BSCBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
BSCPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
BSCBS106	316	20/.035"	120" (3.05 m)	Brushed Stainless
BSCPS106	316	20/.035"	120" (3.05 m)	Polished Stainless
BSCPB10	C260	.045"	120" (3.05 m)	Polished Brass
BSCSB10	C260	.045"	120" (3.05 m)	Satin Brass
BSCSA10	5052	.050"	120" (3.05 m)	Satin Anodized
BSCDU10	5052	.050"	120" (3.05 m)	Dark Bronze Anodized

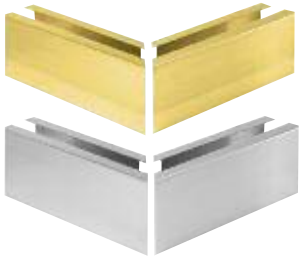
Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for B5S, B5G, and 8B Series Standard Square Base Shoe

MORE INFORMATION crlaurence.com

- 90 Degree and 135 Degree Corner Set
- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

CRL Mitered Corner Cladding allows the user to match any of six architectural finishes offered in Cap Railing. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.



90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
B5S90BS	B5S135BS	304	20/.035"	Brushed Stainless
B5S90PS	B5S135PS	304	20/.035"	Polished Stainless
B5S90BS6	B5S135BS6	316	20/.035"	Brushed Stainless
B5S90PS6	B5S135PS6	316	20/.035"	Polished Stainless
B5S90PB	B5S135PB	C260	.045"	Polished Brass
B5S90SB	B5S135SB	C260	.045"	Satin Brass
B5S90SA	B5S135SA	5052	.050"	Satin Anodized
B5S90DU	B5S135DU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for B5S, B5G, and 8B Series Standard Square Base Shoe

- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

CRL End Caps allow the user to match any of six architectural finishes offered in Cap Railing. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.



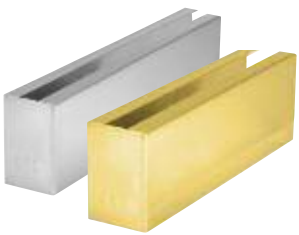
CAT. NO.	GRADE	GA./THK.	FINISH
B5SECBS	304	20/.035"	Brushed Stainless
B5SECPS	304	20/.035"	Polished Stainless
B5SECBS6	316	20/.035"	Brushed Stainless
B5SECPS6	316	20/.035"	Polished Stainless
B5SECPB	C260	.045"	Polished Brass
B5SECSB	C260	.045"	Satin Brass
B5SECSA	5052	.050"	Satin Anodized
B5SECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing.

12" Welded End Cladding for B5S, B5G, and 8B Series Standard Square Base Shoe

- Adhere With Cladding Tape and Silicone Sealant
- Available in Three Architectural Finishes

CRL Welded End Cladding allows the user to match any of the architectural finishes offered in Cap Railing. It is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape and/or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.



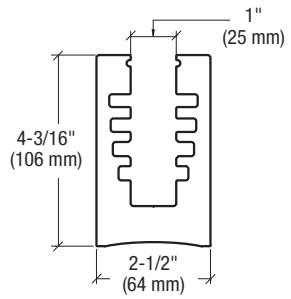
CAT. NO.	GRADE	GA./THK.	FINISH
B5SWCBS	304	20/.035"	Brushed Stainless
B5SWCPS	304	20/.035"	Polished Stainless
B5SWCBS6	316	20/.035"	Brushed Stainless
B5SWCPS6	316	20/.035"	Polished Stainless
B5SWCPB	C260	.045"	Polished Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

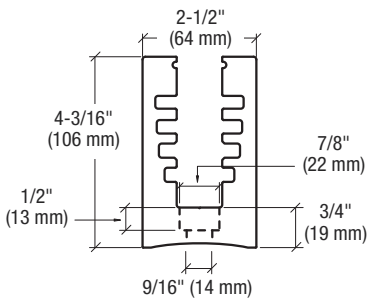
TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL B5A Series SurfaceMate Square Base Shoe

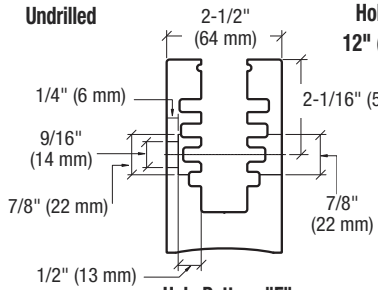
- **Adjustable Angle Base Shoe and Shimming System for Dry Glazing 1/2" (12 mm) Monolithic Tempered Glass**
- **Drilled and Counter Bored, or We Will Custom Drill to Your Specifications**
- **Custom Cutting and Mitering Service Available**
- **6063 Alloy, T52 Temper**



Undrilled

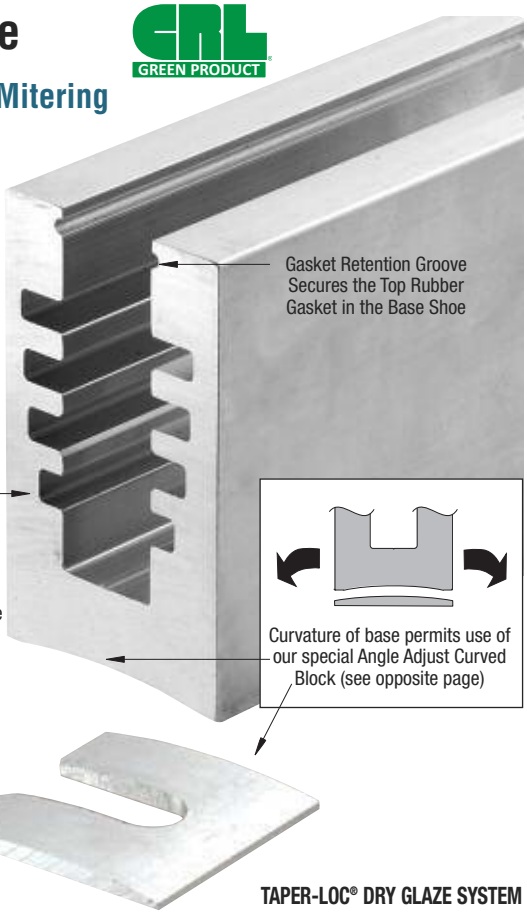


Hole Pattern "D"
12" (305 mm) C.T.C.



Hole Pattern "F"
12" (305 mm) C.T.C.







MORE INFORMATION
crlaurence.com

• Works With TL5X10 and TLXATSM TAPER-LOC® Taper Sets

CRL B5A Series SurfaceMate Adjustable Angle Square Base Shoe and Shimming System is unlike any other base shoe you've ever used. This special aluminum extrusion features a curved base that sits atop a curved aluminum block at each bolt location, providing a margin of adjustment to accommodate uneven surfaces. Just install the mounting bolts loosely, then pivot the base shoe until your PAL tool indicates level. Additional matched size aluminum horseshoe shims are available in three thicknesses for adjusting the height when an abrupt dip is encountered (see page HR049).

No more tedious shimming to achieve vertical plumb, this new method will adjust within a 3 degree range, well in excess of the maximum allowable floor drainage slopes. The engineered grooves in the inner channel help to reduce the weight of the base shoe by about 15%, which reduces the weight on the mounting substrate, and also helps you save on shipping costs.

GLASS SPECIFICATIONS:
1/2" (12 mm) Thick Glass when using TAPER-LOC® Dry Glaze System

TAPER-LOC X DRY GLAZE RAILING SYSTEM
U.S. Patent Numbers 8,122,654

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

TAPER-LOC® DRY GLAZE SYSTEM



For Use with TL5X10 and TLXATSM TAPER-LOC® Taper Sets for 1/2" (12 mm) Monolithic Tempered Glass



TL5X10 TAPER-LOC®
Standard Taper Sets



TLXATSM TAPER-LOC®
Adjustable Taper Sets

For Test Results and Drilling Recommendations, Visit **crlaurence.com/test-reports**.

B5A SERIES SURFACEMATE SQUARE BASE SHOE

12" (305 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
B5A10D**	120" (3.05 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	73 pounds (33 kg)
B5A10F	120" (3.05 m)	9/16" (14 mm)	7/8" (22 mm) x 1/2" (13 mm)	73 pounds (33 kg)
B5A10	120" (3.05 m)	---	∆ Extrusion Only (Without Holes)	73 pounds (33 kg)

** Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. * Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

∆**NOTE:** 120" (3.05 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered and tested a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five tested methods of attachment can be found on pages HR004 to HR005, and associated fasteners are shown on pages HR277.

CRL Cladding for B5A Series SurfaceMate Base Shoe

MORE INFORMATION crlaurence.com

Straight Cladding for B5A Series SurfaceMate Base Shoe



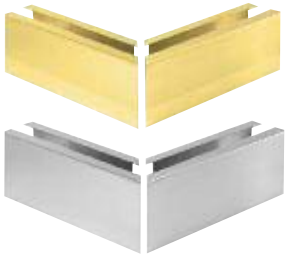
CRL Cladding allows the user to match any of six architectural finishes offered in Cap Railing. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. **NOTE:** Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Fascia Cladding also available. Go to **crlaurence.com/base-shoe** for details.

- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes
- Custom Cutting and Mitering Service Available

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
BACBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
BACPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
BACPB10	C260	.045"	120" (3.05 m)	Polished Brass
BACSB10	C260	.045"	120" (3.05 m)	Satin Brass
BACSA10	5052	.050"	120" (3.05 m)	Satin Anodized
BACDU10	5052	.050"	120" (3.05 m)	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for B5A Series SurfaceMate Base Shoe



CRL Mitered Corner Cladding allows the user to match any of six architectural finishes offered in Cap Railing. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.

CRL 12" (305 mm) Welded End Cladding for B5A Series SurfaceMate Base Shoe is also available. Go to **crlaurence.com/base-shoe** for details.

- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
B5A90BS	B5A135BS	304	20/.035"	Brushed Stainless
B5A90PS	B5A135PS	304	20/.035"	Polished Stainless
B5A90PB	B5A135PB	C260	.045"	Polished Brass
B5A90SB	B5A135SB	C260	.045"	Satin Brass
B5A90SA	B5A135SA	5052	.050"	Satin Anodized
B5A90DU	B5A135DU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for B5A Series SurfaceMate Base Shoe



CRL End Caps allow the user to match any of six architectural finishes offered in Cap Railing. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.
One per package.

- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

CAT. NO.	GRADE	GA./THK.	FINISH
B5AECBS	304	20/.035"	Brushed Stainless
B5AECPS	304	20/.035"	Polished Stainless
B5AECPB	C260	.045"	Polished Brass
B5AECSB	C260	.045"	Satin Brass
B5AECSA	5052	.050"	Satin Anodized
B5AECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing. CRL 12" (305 mm) Welded End Cladding for B5A Series SurfaceMate Base Shoe is also available. Go to crlaurence.com/base-shoe-cladding for details.

CRL SurfaceMate Angle Adjust Curved Blocks



AACS1



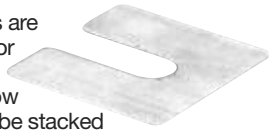
AACS2

SurfaceMate Angle Adjust Curved Blocks (Cat. No. AASC1) are slotted to allow for minor adjustments to the placement of the block so that the base shoe can be adjusted to perfect plumb. The Angle Adjust Curved Block Set (Cat. No. AACS2) can be used in fascia mount application of SurfaceMate and other flat side Base Shoe.

CAT. NO.	DESCRIPTION
AACS1	One-Piece Curved Block for Bottom Mount Installations
AACS2	Two-Piece Curved Block for Fascia Mount Installations

Minimum order AACS1: 10 each. Must be ordered in increments of 10. Minimum order AACS2: 1 Set.

CRL SurfaceMate Horseshoe Shims



Aluminum Horseshoe Shims are available in three thicknesses for use with SurfaceMate Base Shoe. Shims are slotted to allow for minor adjustment, and can be stacked in various sizes to accommodate irregular surfaces below the base shoe and curved block. They can also be used in fascia mount applications of SurfaceMate Base Shoe.

CAT. NO.	THICKNESS	SIZE
ALSS32	1/32" (.8 mm)	2-1/8" x 2-1/4" (54 x 57 mm)
ALSS16	1/16" (1.6 mm)	2-1/8" x 2-1/4" (54 x 57 mm)
ALSS08	1/8" (3.2 mm)	2-1/8" x 2-1/4" (54 x 57 mm)

Minimum order: 100 each. Must be ordered in increments of 100.
Sizes can be combined for quantity pricing.

CRL B5T Series Tapered Base Shoe

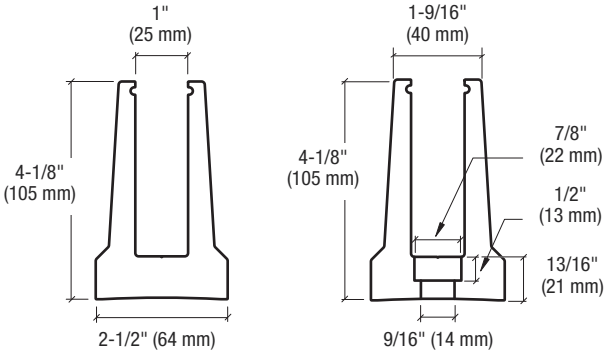
- **For 1/2" (12 mm) Monolithic Tempered Glass**
- **Typically Used as the Base Channel for Glass Railing Systems Requiring a Flush Installation Embedded in Concrete**
- **Works With TL5X10 and TLXATSM TAPER-LOC® Taper Sets**
- **Drilled and Counter Bored, or We Will Custom Drill to Your Specifications**
- **6063 Alloy, T52 Temper**

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com



Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe



Undrilled

Hole Pattern "D"
6" or 12" (152 or 305 mm) C.T.C.

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

CRL B5T Tapered Base Shoe is typically used as the base channel for glass railing systems. It can be clad in six choices of architectural finishes (see next page). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered and tested a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five tested methods of attachment can be found on pages HR004 to HR005, and associated fasteners are shown on pages HR277.

GLASS SPECIFICATIONS:
1/2" (12 mm) Thick Glass when using TAPER-LOC® Dry Glaze System and Wet Glaze System.



TL5X10 TAPER-LOC® Standard Taper Sets



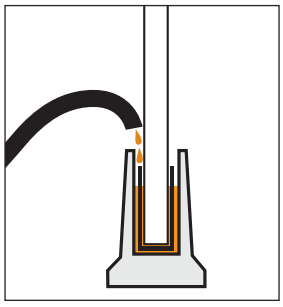
TLXATSM TAPER-LOC® Adjustable Taper Sets

TAPER-LOC® DRY GLAZE SYSTEM



For Use with TL5X10 and TLXATSM TAPER-LOC® Taper Sets for 1/2" (12 mm) Monolithic Tempered Glass

WET GLAZE SYSTEM



For Use with 1/2" (12 mm) Monolithic Tempered Glass

For Test Results and Drilling Recommendations, Visit **crlaurence.com/test-reports**.

B5T SERIES TAPERED BASE SHOE

12" (305 MM) C.T.C. CAT. NO.	6" (152 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
B5T10D	B5T10D6	120" (3.05 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	57 pounds (26 kg)
B5T20D	B5T20D6	240" (6.10 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	114 pounds (52 kg)
B5T10	---	120" (3.05 m)	---	△ Extrusion Only (Without Holes)	57 pounds (26 kg)
B5T20	---	240" (6.10 m)	---	△ Extrusion Only (Without Holes)	114 pounds (52 kg)

Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

△ **NOTE:** 120" (3.05 m) and 240" (6.10 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

SHIPPING NOTE: Due to the difficulty in packaging and handling 240" (6.10 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cladding for B5T Series Tapered Base Shoe

MORE INFORMATION crlaurence.com

Straight Cladding for B5T Series Tapered Base Shoe

CRL Cladding allows the user to match any of six architectural finishes offered in Cap Railing. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. **NOTE:** Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides.



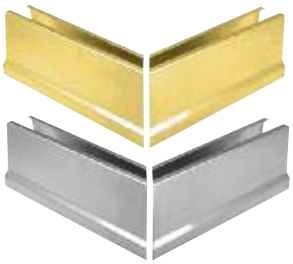
- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes
- Custom Cutting and Mitering Service Available

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
BTCBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
BTCPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
BTCPB10	C260	.045"	120" (3.05 m)	Polished Brass
BTCSB10	C260	.045"	120" (3.05 m)	Satin Brass
BTCSA10	5052	.050"	120" (3.05 m)	Satin Anodized
BTCDU10	5052	.050"	120" (3.05 m)	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for B5T Series Tapered Base Shoe

CRL Mitered Corner Cladding allows the user to match any of six architectural finishes offered in Cap Railing. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.



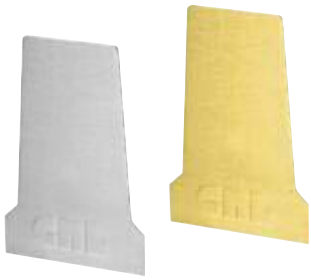
- 90 Degree and 135 Degree Corner Set
- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
B5T90BS	B5T135BS	304	20/.035"	Brushed Stainless
B5T90PS	B5T135PS	304	20/.035"	Polished Stainless
B5T90PB	B5T135PB	C260	.045"	Polished Brass
B5T90SB	B5T135SB	C260	.045"	Satin Brass
B5T90SA	B5T135SA	5052	.050"	Satin Anodized
B5T90DU	B5T135DU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for B5T Series Tapered Base Shoe

CRL End Caps allow the user to match any of six architectural finishes offered in Cap Railing. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.



- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

CAT. NO.	GRADE	GA./THK.	FINISH
B5TECBS	304	20/.035"	Brushed Stainless
B5TECPS	304	20/.035"	Polished Stainless
B5TECPB	C260	.045"	Polished Brass
B5TECSB	C260	.045"	Satin Brass
B5TECSA	5052	.050"	Satin Anodized
B5TECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing.

Alternate Method for Finishing Base Shoe Top

- Preferred for Exterior Installations Where a More Positive Seal is Required

An alternate method to finish off the Base Shoe's top opening is to roll in 3/8" (9.5 mm) Foam Backer Rod and run a cap bead of our Cat. No. 95CBL Neutral Cure Silicone (see page HR048) over it. This method is preferred in exterior installations where a more positive seal is required.





CAT. NO.	DESCRIPTION
GWFR38	Stepped Roller Tool for 3/8" (9.5 mm) Foam Backer Rod
EF38C	100' (30.5 m) Roll 3/8" (9.5 mm) Foam Backer Rod
EF38B	3600' (1097 m) Roll 3/8" (9.5 mm) Foam Backer Rod

Minimum order: Cat. No. GWFR38 is one each; Cat. No. EF38C is one roll; Cat. No. EF38B is one case.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL B5L Series Low Profile Square Base Shoe

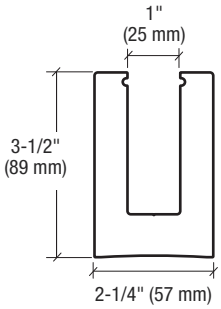


- **For 1/2" (12 mm) Monolithic Tempered Glass Wet Glazed Only**
- **Lower Profile Desired in Residential and Marine Applications**
- **Typically Used as the Base Channel for Glass Railing Systems or Windscreens**
- **Drilled and Counter Bored, or We Will Custom Drill to Your Specifications**
- **Custom Cutting and Mitering Service Available**

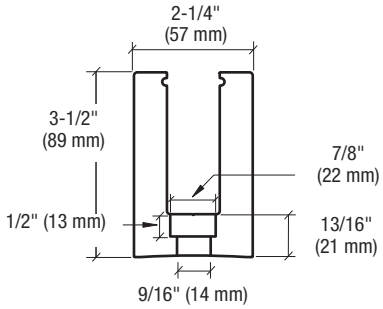
MORE INFORMATION
crlaurence.com



Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe



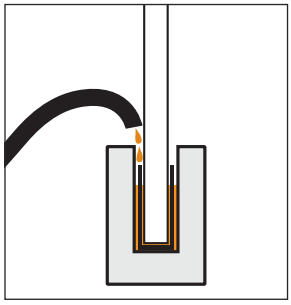
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Hole Pattern "D"
12" (305 mm) C.T.C.

- **6063 Alloy, T52 Temper**

WET GLAZE SYSTEM ONLY



For Use with 1/2" (12 mm) Monolithic Tempered Glass



CAT. NO. SCCS5
Standard Metal Panel Cladding Color Chip Chain
Minimum order is one each

CRL B5L Series Low Profile Square Base Shoe is used as the base channel for glass railing systems. It can be clad in six choices of architectural finishes (see next page). The Low Profile Square Base Shoe is for use with the Wet Glaze System only. The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered and tested a variety of attachment methods, and has developed an acceptable combination of drilling patterns and HR004 to HR005, and associated fasteners are shown on page HR277.

GLASS SPECIFICATIONS:

1/2" (12 mm) Thick Glass when using the Wet Glaze System.

Low Profile Square Base Shoe cannot be used for the TAPER-LOC® Dry Glaze System.

For Test Results and Drilling Recommendations, Visit crlaurence.com/test-reports.

B5L SERIES LOW PROFILE SQUARE BASE SHOE

12" (305 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
B5L10D	120" (3.05 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	61 pounds (28 kg)
B5L20D	240" (6.10 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	121 pounds (55 kg)
B5L10	120" (3.05 m)	---	Extrusion Only (Without Holes)	61 pounds (28 kg)
B5L20	240" (6.10 m)	---	Extrusion Only (Without Holes)	121 pounds (55 kg)

* Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

SHIPPING NOTE: Due to the difficulty in packaging and handling 240" (6.10 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

CRL Cladding for B5L Series Low Profile Base Shoe

MORE INFORMATION crlaurence.com

Straight Cladding for B5L Series Low Profile Base Shoe

CRL Cladding allows the user to match any of six architectural finishes offered in Cap Railing. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. **NOTE:** Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Fascia Cladding is also available. Go to crlaurence.com/base-shoe for details.



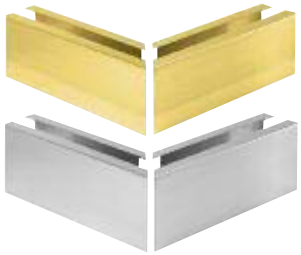
- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes
- Custom Cutting and Mitering Service Available

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
BLCBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
BLCPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
BLCPB10	C260	.045"	120" (3.05 m)	Polished Brass
BLCSB10	C260	.045"	120" (3.05 m)	Satin Brass
BLCSA10	5052	.050"	120" (3.05 m)	Satin Anodized
BLCDU10	5052	.050"	120" (3.05 m)	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for B5L Series Low Profile Base Shoe

CRL Mitered Corner Cladding allows the user to match any of six architectural finishes offered in Cap Railing. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.



- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
B5L90BS	B5L135BS	304	20/.035"	Brushed Stainless
B5L90PS	B5L135PS	304	20/.035"	Polished Stainless
B5L90PB	B5L135PB	C260	.045"	Polished Brass
B5L90SB	B5L135SB	C260	.045"	Satin Brass
B5L90SA	B5L135SA	5052	.050"	Satin Anodized
B5L90DU	B5L135DU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for B5L Series Low Profile Base Shoe

CRL End Caps allow the user to match any of six architectural finishes offered in Cap Railing. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.



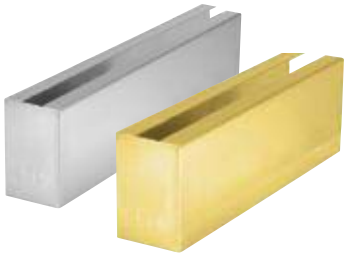
- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

CAT. NO.	GRADE	GA./THK.	FINISH
B5LECBS	304	20/.035"	Brushed Stainless
B5LECPS	304	20/.035"	Polished Stainless
B5LECPB	C260	.045"	Polished Brass
B5LECSB	C260	.045"	Satin Brass
B5LECSA	5052	.050"	Satin Anodized
B5LECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing.

12" Welded End Cladding for B5L Series Low Profile Base Shoe

CRL Welded End Cladding allows the user to match any of four architectural finishes offered in Cap Railing. It is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape and/or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.



- Adhere With Cladding Tape and Silicone Sealant
- Available in Four Architectural Finishes

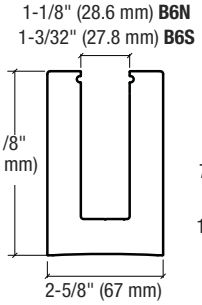
CAT. NO.	GRADE	GA./THK.	FINISH
B5LWCBS	304	20/.035"	Brushed Stainless
B5LWCPS	304	20/.035"	Polished Stainless
B5LWCPB	C260	.045"	Polished Brass
B5LWCSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

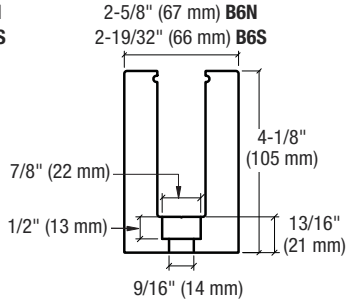
TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL B6N and B6S Series Standard Square Base Shoe

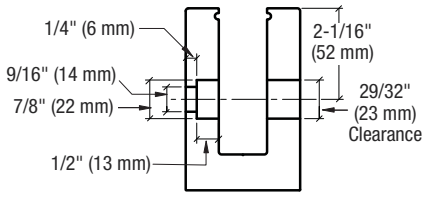
- **Two Models: One for North American Monolithic Tempered Glass 15.09 to 16.66 mm Thick, and One for European Monolithic Tempered Glass 14.50 to 15.50 mm Thick**
- **Drilled and Counter Bored, or We Will Custom Drill to Your Specifications**
- **Custom Cutting and Mitering Service Available**



Undrilled



Hole Pattern "D"
5-7/8" or 11-13/16" (150 or 300 mm) C.T.C.



Hole Pattern "F"
5-7/8" or 11-13/16" (150 or 300 mm) C.T.C.

USE MONOLITHIC TEMPERED GLASS



Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe

CRL B6N and B6S Series Standard Square Base Shoe are used as the base channel for glass railing systems. They can be clad in six choices of architectural finishes (see next page). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five engineered methods of attachment can be found on pages HR004 and HR005. Associated fasteners are shown on page HR277.

- **6063 Alloy, T52 Temper**

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

MORE INFORMATION crlaurence.com



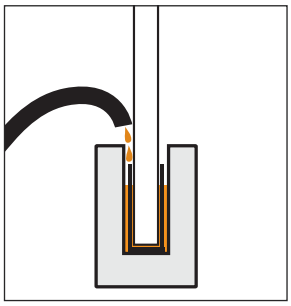
TL5X10 TAPER-LOC®
Standard Taper Sets

TAPER-LOC® DRY GLAZE SYSTEM



For Use with TL5X10 and TLXATSM TAPER-LOC® Taper Sets for Monolithic Tempered Glass

WET GLAZE SYSTEM



For Use with 15 mm Monolithic Tempered Glass

B6N GLASS SPECIFICATIONS:
For use with 15 mm Thick North American Monolithic Tempered Glass
Meets ASTM, BSI, and DIN Tolerance Standards
Thickness Range: 15.09 mm (0.594") to 16.66 mm (0.656")

B6S GLASS SPECIFICATIONS:
For use with 15 mm Thick European Monolithic Tempered Glass
Meets ASTM, BSI, and DIN Tolerance Standards
Thickness Range: 14.50 mm (0.570") to 15.50 mm (0.610")



TLXATSM TAPER-LOC®
Adjustable Taper Sets

For Test Results and Drilling Recommendations, Visit **crlaurence.com/test-reports**.

B6N SERIES STANDARD SQUARE BASE SHOE

11-13/16" (300 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
B6N10D**	118-1/8" (3 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	86 pounds (39 kg)
B6N10F**	118-1/8" (3 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	86 pounds (39 kg)
B6N10	118-1/8" (3 m)	---	Δ Extrusion Only (Without Holes)	86 pounds (39 kg)

**Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. *Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

B6S SERIES STANDARD SQUARE BASE SHOE

11-13/16" (300 MM) C.T.C. CAT. NO.	5-7/8" (150 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
B6S10D**	B6S10D6	118-1/8" (3 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	86 pounds (39 kg)
B6S10F**	B6S10F6	118-1/8" (3 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	86 pounds (39 kg)
B6S10	---	118-1/8" (3 m)	---	Δ Extrusion Only (Without Holes)	86 pounds (39 kg)

**Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. *Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Δ **NOTE:** 118-1/8" (3 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cladding for B6N and B6S Series Square Base Shoe

MORE INFORMATION crlaurence.com

Straight Cladding for B6N and B6S Series Square Base Shoe

- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes
- Custom Cutting and Mitering Service Available

CRL Cladding allows the user to match any of six architectural finishes offered in Cap Railing. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. **NOTE:** Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Fascia Cladding is also available. Go to crlaurence.com/base-shoe for details.



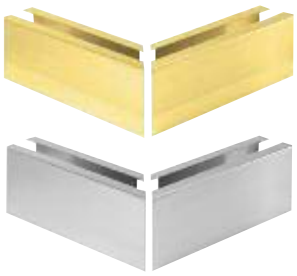
CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
BSCBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
BSCPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
BSCBS106	316	20/.035"	120" (3.05 m)	Brushed Stainless
BSCPS106	316	20/.035"	120" (3.05 m)	Polished Stainless
BSCPB10	C260	.045"	120" (3.05 m)	Polished Brass
BSCSB10	C260	.045"	120" (3.05 m)	Satin Brass
BSCSA10	5052	.050"	120" (3.05 m)	Satin Anodized
BSCDU10	5052	.050"	120" (3.05 m)	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for B6N and B6S Series Square Base Shoe

- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

CRL Mitered Corner Cladding allows the user to match any of six architectural finishes offered in Cap Railing. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.



90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
B6S90BS	B6S135BS	304	20/.035"	Brushed Stainless
B6S90PS	B6S135PS	304	20/.035"	Polished Stainless
B6S90BS6	B6S135BS6	316	20/.035"	Brushed Stainless
B6S90PS6	B6S135PS6	316	20/.035"	Polished Stainless
B6S90PB	B6S135PB	C260	.045"	Polished Brass
B6S90SB	B6S135SB	C260	.045"	Satin Brass
B6S90SA	B6S135SA	5052	.050"	Satin Anodized
B6S90DU	B6S135DU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for B6N and B6S Series Square Base Shoe

- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

CRL End Caps allow the user to match any of six architectural finishes offered in Cap Railing. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.



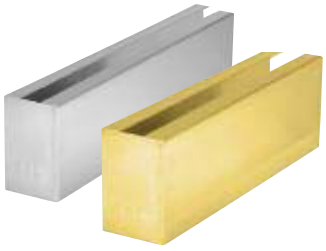
CAT. NO.	GRADE	GA./THK.	FINISH
B6SECBS	304	20/.035"	Brushed Stainless
B6SECPS	304	20/.035"	Polished Stainless
B6SECBS6	316	20/.035"	Brushed Stainless
B6SECPS6	316	20/.035"	Polished Stainless
B6SECPB	C260	.045"	Polished Brass
B6SECSB	C260	.045"	Satin Brass
B6SECSA	5052	.050"	Satin Anodized
B6SECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing.

12" Welded End Cladding for B6N and B6S Series Square Base Shoe

- Adhere With Cladding Tape and Silicone Sealant
- Available in Four Architectural Finishes

CRL Welded End Cladding allows the user to match any of four architectural finishes offered in Cap Railing. It is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape and/or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.



CAT. NO.	GRADE	GA./THK.	FINISH
B6WECBS	304	20/.035"	Brushed Stainless
B6WECPS	304	20/.035"	Polished Stainless
B6WECBS6	316	20/.035"	Brushed Stainless
B6WECPS6	316	20/.035"	Polished Stainless
B6WECPB	C260	.045"	Polished Brass
B6WECSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

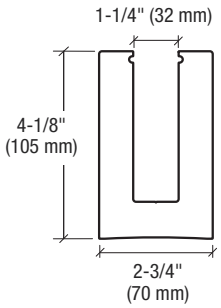
CRL B7S Series Heavy-Duty Square Base Shoe

- For 3/4" (19 mm) Monolithic Tempered Glass
- Typically Used as the Base Channel for Glass Railing Systems in Arenas
- Drilled and Counter Bored, or We Will Custom Drill to Your Specifications
- Custom Cutting and Mitering Service Available

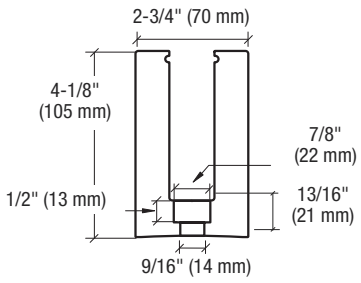




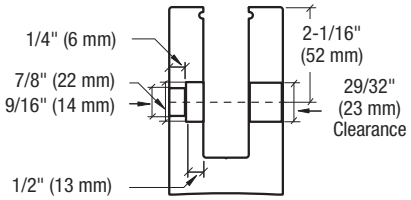
Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe



Undrilled



Hole Pattern "D"
6" or 12" (152 or 305 mm) C.T.C.



Hole Pattern "F"
6" or 12" (152 or 305 mm) C.T.C.

- 6063 Alloy, T52 Temper

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

MORE INFORMATION crlaurence.com

CRL B7S Series Heavy-Duty Square Base Shoe is used as the base channel for glass railing systems. It can be clad in six choices of architectural finishes (see next page). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered and tested a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five tested methods of attachment can be found on pages HR004 and HR005. Associated fasteners are shown on page HR277.



TL5X10 TAPER-LOC®
Standard Taper Sets



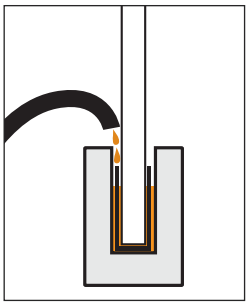
TLXATSM TAPER-LOC®
Adjustable Taper Sets

TAPER-LOC® DRY GLAZE SYSTEM



For Use with TL5X10 and TLXATSM TAPER-LOC® Taper Sets for 3/4" (19 mm) Monolithic Tempered Glass

WET GLAZE SYSTEM



For Use with 3/4" (19 mm) Monolithic Tempered Glass

For Test Results and Drilling Recommendations, Visit crlaurence.com/test-reports.

GLASS SPECIFICATONS:

For use with 3/4" (19 mm) Thick Monolithic Tempered Glass when using TAPER-LOC® Dry Glaze System or Wet Glaze System.

B7S SERIES HEAVY-DUTY SQUARE BASE SHOE

12" (305 MM) C.T.C. CAT. NO.	6" (152 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
B7S10D	B7S10D6	120" (3.05 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	86 pounds (39 kg)
B7S20D	B7S20D6	240" (6.10 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	172 pounds (78 kg)
B7S10F	B7S10F6	120" (3.05 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	86 pounds (39 kg)
B7S20F	B7S20F6	240" (6.10 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	172 pounds (78 kg)
B7S10	---	120" (3.05 m)	---	ΔExtrusion Only (Without Holes)	86 pounds (39 kg)
B7S20	---	240" (6.10 m)	---	ΔExtrusion Only (Without Holes)	172 pounds (78 kg)

*Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Δ**NOTE:** 120" (3.05 m) and 240" (6.10 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

SHIPPING NOTE: Due to the difficulty in packaging and handling 240" (6.10 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cladding for B7S Series Heavy-Duty Square Base Shoe

MORE INFORMATION crlaurence.com

Straight Cladding for B7S Series Heavy-Duty Square Base Shoe

- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes
- Custom Cutting and Mitering Service Available

CRL Cladding allows the user to match any of six architectural finishes offered in Cap Railing. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. **NOTE:** Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Fascia Cladding is also available. Go to crlaurence.com/base-shoe for details.



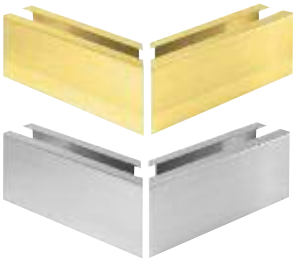
CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
BSCBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
BSCPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
BSCBS106	316	20/.035"	120" (3.05 m)	Brushed Stainless
BSCPS106	316	20/.035"	120" (3.05 m)	Polished Stainless
BSCPB10	C260	.045"	120" (3.05 m)	Polished Brass
BSCSB10	C260	.045"	120" (3.05 m)	Satin Brass
BSCSA10	5052	.050"	120" (3.05 m)	Satin Anodized
BSCDU10	5052	.050"	120" (3.05 m)	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for B7S Series Heavy-Duty Square Base Shoe

- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

CRL Mitered Corner Cladding allows the user to match any of six architectural finishes offered in Cap Railing. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.



90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
B7S90BS	B7S135BS	304	20/.035"	Brushed Stainless
B7S90PS	B7S135PS	304	20/.035"	Polished Stainless
B7S90BS6	B7S135BS6	316	20/.035"	Brushed Stainless
B7S90PS6	B7S135PS6	316	20/.035"	Polished Stainless
B7S90PB	B7S135PB	C260	.045"	Polished Brass
B7S90SB	B7S135SB	C260	.045"	Satin Brass
B7S90SA	B7S135SA	5052	.050"	Satin Anodized
B7S90DU	B7S135DU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for B7S Series Heavy-Duty Square Base Shoe

- Adhere With Cladding Tape or Silicone Sealant
- Available in Six Architectural Finishes

CRL End Caps allow the user to match any of six architectural finishes offered in Cap Railing. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.



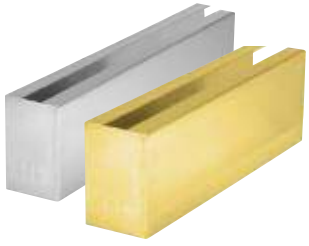
CAT. NO.	GRADE	GA./THK.	FINISH
B7SECBS	304	20/.035"	Brushed Stainless
B7SECPS	304	20/.035"	Polished Stainless
B7SECBS6	316	20/.035"	Brushed Stainless
B7SECPS6	316	20/.035"	Polished Stainless
B7SECPB	C260	.045"	Polished Brass
B7SECSB	C260	.045"	Satin Brass
B7SECSA	5052	.050"	Satin Anodized
B7SECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing.

12" Welded End Cladding for B7S Series Heavy-Duty Square Base Shoe

- Adhere With Cladding Tape and Silicone Sealant
- Available in Four Architectural Finishes

CRL Welded End Cladding allows the user to match any of four architectural finishes offered in Cap Railing. It is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape and/or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.



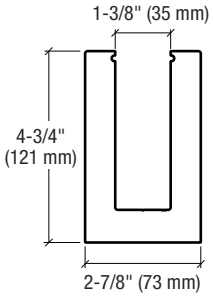
CAT. NO.	GRADE	GA./THK.	FINISH
B7SWCBS	304	20/.035"	Brushed Stainless
B7SWCPS	304	20/.035"	Polished Stainless
B7SWCBS6	316	20/.035"	Brushed Stainless
B7SWCPS6	316	20/.035"	Polished Stainless
B7SWCPB	C260	.045"	Polished Brass
B7SWCSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

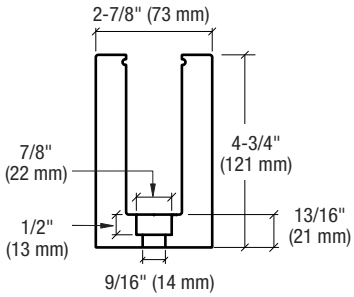
TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL L56S Series Laminated Square Base Shoe

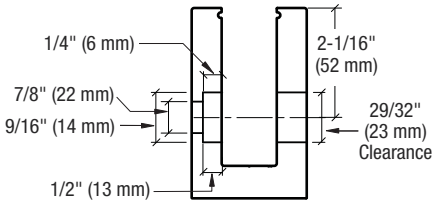
- For 9/16" (13.52 mm) Laminated Tempered Glass
- Typically Used as the Base Channel for Glass Railing Systems or Windscreens
- Works With LTL96X TAPER-LOC® Standard Taper Sets
- Custom Cutting and Mitering Service Available
- Engineering Reports Available
- 6063 Alloy, T52 Temper



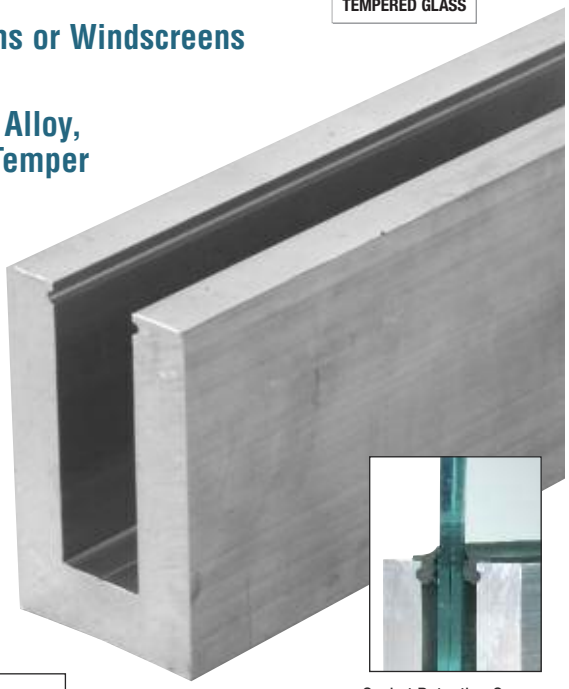
Undrilled



Hole Pattern "D"
6" or 12" (152 or 305 mm) C.T.C.



Hole Pattern "F"
6" or 12" (152 or 305 mm) C.T.C.



Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

MORE INFORMATION crlaurence.com

CRL L56S Series Laminated Square Base Shoe is used as the base channel for glass railing systems. It can be clad in four choices of architectural finishes (see next page). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five engineered methods of attachment can be found on pages HR004 and HR005. Associated fasteners are shown on page HR277.



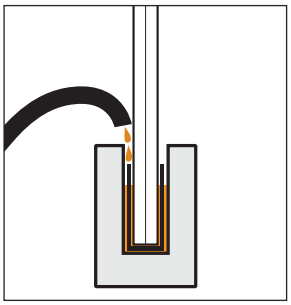
LTL96X TAPER-LOC® Standard Taper Sets

TAPER-LOC® DRY GLAZE SYSTEM



For Use with LTL96X TAPER-LOC® Taper Sets for 9/16" (13.52 mm) Laminated Tempered Glass

WET GLAZE SYSTEM



For Use with 9/16" (13.52 mm) Laminated Tempered Glass

GLASS SPECIFICATIONS:
For use with 9/16" (13.52 mm) Laminated Tempered Glass (6 mm x 1.52 mm x 6 mm)
Thickness Range: 0.497" (12.62 mm) to 0.549" (13.94 mm)

For Test Results and Drilling Recommendations, Visit crlaurence.com/test-reports.

L56S SERIES LAMINATED SQUARE BASE SHOE

12" (305 MM) C.T.C. CAT. NO.	6" (152 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
L56S10D**	L56S10D6	120" (3.05 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	86 pounds (39 kg)
L56S10F**	L56S10F6	120" (3.05 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	86 pounds (39 kg)
L56S10	- - -	120" (3.05 m)	- - -	ΔExtrusion Only (Without Holes)	86 pounds (39 kg)

**Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. *Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Δ**NOTE:** The 120" (3.05 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cladding for L56S Series Laminated Square Base Shoe

MORE INFORMATION crlaurence.com

Straight Cladding for L56S Series Laminated Square Base Shoe



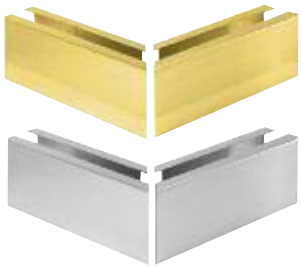
CRL Cladding for L56S Series Base Shoe is available in four architectural finishes. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.
NOTE: Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Fascia Cladding is also available. Go to **crlaurence.com/base-shoe** for details.

- Adhere With Cladding Tape or Silicone Sealant
- Available in Four Architectural Finishes
- Custom Cutting and Mitering Service Available

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
LBSCBS10	316	20/.035"	118-1/8" (3 m)	Brushed Stainless
LBSCPS10	316	20/.035"	118-1/8" (3 m)	Polished Stainless
LBSCPB10	C260	.045"	118-1/8" (3 m)	Polished Brass
LBSCSB10	C260	.045"	118-1/8" (3 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 118" (3 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for L56S Series Laminated Square Base Shoe



CRL Mitered Corner Cladding for L56S Series Base Shoe is available in four architectural finishes. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.

- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant
- Available in Four Architectural Finishes

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
L5690BS	L56135BS	316	20/.035"	Brushed Stainless
L5690PS	L56135PS	316	20/.035"	Polished Stainless
L5690PB	L56135PB	C260	.045"	Polished Brass
L5690SB	L56135SB	C260	.045"	Satin Brass

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for L56S Series Laminated Square Base Shoe



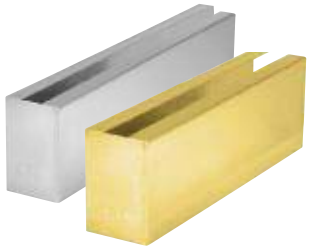
CRL End Caps are available in four architectural finishes. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.

- Adhere With Cladding Tape or Silicone Sealant
- Available in Four Architectural Finishes

CAT. NO.	GRADE	GA./THK.	FINISH
L56SECBS	316	20/.035"	Brushed Stainless
L56SECPS	316	20/.035"	Polished Stainless
L56SECPB	C260	.045"	Polished Brass
L56SECSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

12" Welded End Cladding for L56S Series Laminated Square Base Shoe



CRL Welded End Cladding allows the user to match any of four architectural finishes offered in Cap Railing. It is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape and/or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.

- Adhere With Cladding Tape and Silicone Sealant
- Available in Four Architectural Finishes

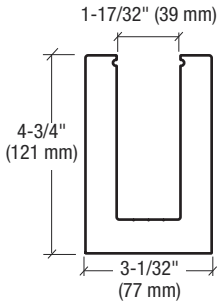
CAT. NO.	GRADE	GA./THK.	FINISH
L56WECBS	316	20/.035"	Brushed Stainless
L56WECPS	316	20/.035"	Polished Stainless
L56WECPB	C260	.045"	Polished Brass
L56WECSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

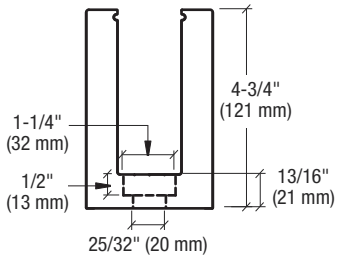
CRL L68S Series Laminated Square Base Shoe

- For 11/16" (17.52 mm) Laminated Tempered Glass
- Typically Used as the Base Channel for Glass Railing Systems or Windscreens
- Works With LTL96X and TLXATSL TAPER-LOC® Taper Sets
- Custom Cutting and Mitering Service Available
- Engineering Reports Available

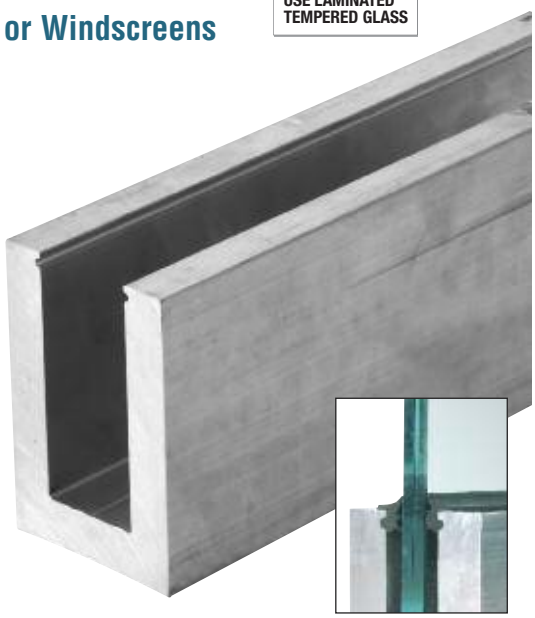




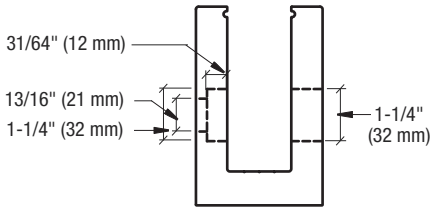
Undrilled



Hole Pattern "D"
5-7/8" or 11-13/16" (150 or 300 mm) C.T.C.



Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe



Hole Pattern "F"
5-7/8" or 11-13/16" (150 or 300 mm) C.T.C.

- 6063 Alloy, T52 Temper

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

MORE INFORMATION crlaurence.com

CRL L68S Series Laminated Square Base Shoe is used as the base channel for glass railing systems. It can be clad in four choices of architectural finishes (see next page). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five engineered methods of attachment can be found on pages HR004 and HR005. Associated fasteners are shown on page HR277.



LTL96X TAPER-LOC®
Standard Taper Sets



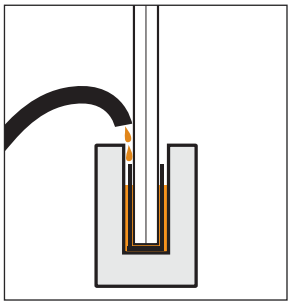
TLXATSL TAPER-LOC®
Adjustable Taper Sets

TAPER-LOC® DRY GLAZE SYSTEM



For Use with LTL96X and TLXATSL TAPER-LOC® Taper Sets for 11/16" (17.52 mm) Laminated Tempered Glass

WET GLAZE SYSTEM



For Use with 11/16" (17.52 mm) Laminated Tempered Glass

GLASS SPECIFICATIONS:
For use with 11/16" (17.52 mm) Laminated Tempered Glass (8 mm x 1.52 mm x 8 mm)
Thickness Range: 0.666" (16.92 mm) to 0.713" (18.12 mm)

For Test Results and Drilling Recommendations, Visit crlaurence.com/test-reports.

L68S SERIES LAMINATED SQUARE BASE SHOE

11-13/16" (300 MM) C.T.C. CAT. NO.	5-7/8" (150 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
L68S10D**	L68S10D6	118-1/8" (3 m)	13/16" (21 mm)	1-1/4" x 1/2" (32 x 13 mm)	86 pounds (39 kg)
L68S10F**	---	118-1/8" (3 m)	13/16" (21 mm)	1-1/4" x 1/2" (32 x 13 mm)	86 pounds (39 kg)
L68S10	---	118-1/8" (3 m)	---	ΔExtrusion Only (Without Holes)	86 pounds (39 kg)

**Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. *Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Δ **NOTE:** The 118-1/8" (3 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

CRL Cladding for L68S Series Laminated Square Base Shoe

Straight Cladding for L68S Series Laminated Square Base Shoe



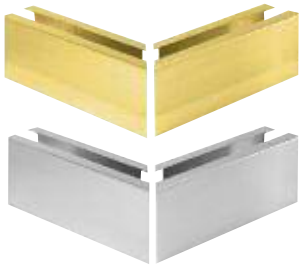
CRL Cladding for L68S Series Base Shoe is available in four architectural finishes. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.
NOTE: Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Fascia Cladding is also available. Go to **crlaurence.com/base-shoe** for details.

- **Adhere With Cladding Tape or Silicone Sealant**
- **Available in Four Architectural Finishes**
- **Custom Cutting and Mitering Service Available**

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
LBSCBS10	316	20/.035"	118-1/8" (3 m)	Brushed Stainless
LBSCPS10	316	20/.035"	118-1/8" (3 m)	Polished Stainless
LBSCPB10	C260	.045"	118-1/8" (3 m)	Polished Brass
LBSCSB10	C260	.045"	118-1/8" (3 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 118" (3 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for L68S Series Laminated Square Base Shoe



CRL Mitered Corner Cladding for L68S Series Base Shoe is available in four architectural finishes. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.
Four pieces per set.

- **90 Degree and 135 Degree Corner Sets**
- **Adhere With Cladding Tape or Silicone Sealant**
- **Available in Four Architectural Finishes**

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
L6890BS	L68135BS	316	20/.035"	Brushed Stainless
L6890PS	L68135PS	316	20/.035"	Polished Stainless
L6890PB	L68135PB	C260	.045"	Polished Brass
L6890SB	L68135SB	C260	.045"	Satin Brass

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for L68S Series Laminated Square Base Shoe



CRL End Caps are available in four architectural finishes. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.
One per package.

- **Adhere With Cladding Tape or Silicone Sealant**
- **Available in Four Architectural Finishes**

CAT. NO.	GRADE	GA./THK.	FINISH
L68SECBS	316	20/.035"	Brushed Stainless
L68SECPS	316	20/.035"	Polished Stainless
L68SECPB	C260	.045"	Polished Brass
L68SECSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

12" Welded End Cladding for L68S Series Laminated Square Base Shoe



CRL Welded End Cladding allows the user to match any of four architectural finishes offered in Cap Railing. It is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape and/or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.
One per package.

MORE INFORMATION crlaurence.com

- **Adhere With Cladding Tape and Silicone Sealant**
- **Available in Four Architectural Finishes**

CAT. NO.	GRADE	GA./THK.	FINISH
L68WECBS	316	20/.035"	Brushed Stainless
L68WECPS	316	20/.035"	Polished Stainless
L68WECPB	C260	.045"	Polished Brass
L68WECSB	C260	.045"	Satin Brass

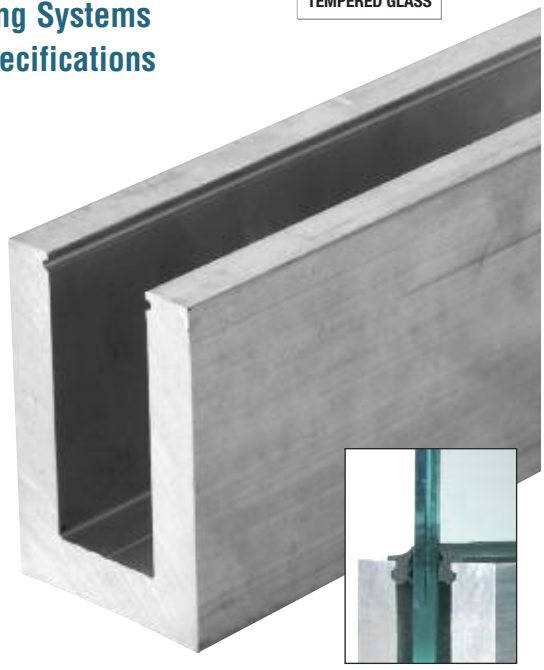
Minimum order: 1 each. All finishes can be combined for quantity pricing.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL L21S Series Laminated Square Base Shoe

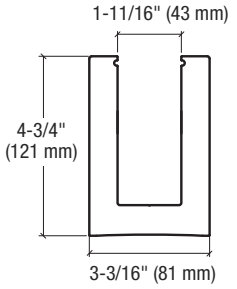
- For 27/32" (21.52 mm) Laminated Tempered Glass
- Typically Used as the Base Channel for Laminated Glass Railing Systems
- Drilled and Counter Bored, or We Will Custom Drill to Your Specifications
- Custom Cutting and Mitering Service Available

USE LAMINATED TEMPERED GLASS

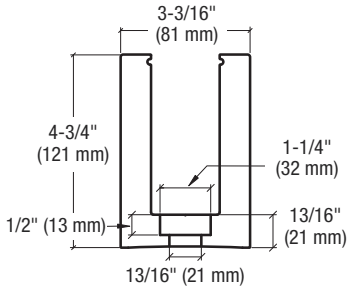


Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe

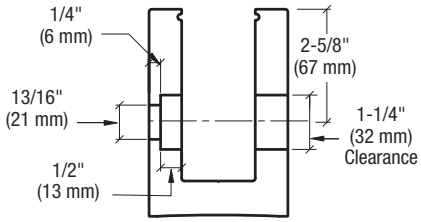
- Works With LTL10X and TLXATSL TAPER-LOC® Taper Sets



Undrilled



Hole Pattern "D"
5-7/8" or 11-13/16" (150 or 300 mm) C.T.C.



Hole Pattern "F"
5-7/8" or 11-13/16" (150 or 300 mm) C.T.C.

- 6063 Alloy, T52 Temper

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

MORE INFORMATION crlaurence.com

CRL L21S Series Laminated Square Base Shoe is used as the base channel for glass railing systems. It can be clad in four choices of architectural finishes (see next page). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five engineered methods of attachment can be found on pages HR004 and HR005. Associated fasteners are shown on page HR277.



LTL10X TAPER-LOC® Standard Taper Sets



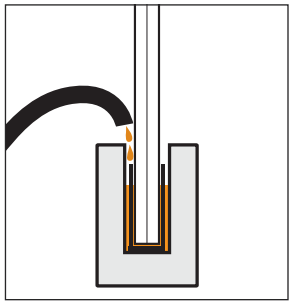
TLXATSL TAPER-LOC® Adjustable Taper Sets

TAPER-LOC® DRY GLAZE SYSTEM



For Use with LTL10X and TLXATSL TAPER-LOC® Taper Sets for 27/32" (21.52 mm) Laminated Tempered Glass

WET GLAZE SYSTEM



For Use with 27/32" (21.52 mm) Laminated Tempered Glass

For Test Results and Drilling Recommendations, Visit crlaurence.com/test-reports.

GLASS SPECIFICATIONS:
For use with 27/32" (21.52 mm) Laminated Tempered Glass (10 mm x 1.52 mm x 10 mm)
Thickness Range: 0.803" to 0.903" (20.40 to 22.94 mm)
Will work with ASTM 7/8" Monolithic Tempered Glass
Will not accommodate the full ASTM thickness range for 27/32" (21.52 mm) glass.

L21S SERIES LAMINATED SQUARE BASE SHOE

11-13/16" (300 MM) C.T.C. CAT. NO.	5-7/8" (150 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
L21S10D**	L21S10D6	118-1/8" (3 m)	13/16" (21 mm)	1-1/4" x 1/2" (32 x 13 mm)	86 pounds (39 kg)
L21S10F**	L21S10F6	118-1/8" (3 m)	13/16" (21 mm)	1-1/4" x 1/2" (32 x 13 mm)	86 pounds (39 kg)
L21S10	---	118-1/8" (3 m)	---	ΔExtrusion Only (Without Holes)	86 pounds (39 kg)

**Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. *Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Δ**NOTE:** The 118-1/8" (3 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cladding for L21S Series Laminated Square Base Shoe

Straight Cladding for L21S Series Laminated Square Base Shoe



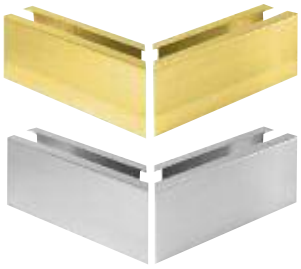
CRL Cladding for L21S Series Base Shoe is available in four architectural finishes. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.
NOTE: Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Fascia Cladding is also available. Go to **crlaurence.com/base-shoe** for details.

- Adhere With Cladding Tape or Silicone Sealant
- Available in Four Architectural Finishes
- Custom Cutting and Mitering Service Available

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
LBSCBS10	316	20/.035"	118-1/8" (3 m)	Brushed Stainless
LBSCPS10	316	20/.035"	118-1/8" (3 m)	Polished Stainless
LBSCPB10	C260	.045"	118-1/8" (3 m)	Polished Brass
LBSCSB10	C260	.045"	118-1/8" (3 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 118" (3 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for L21S Series Laminated Square Base Shoe



CRL Mitered Corner Cladding for L21S Series Base Shoe is available in four architectural finishes. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.

- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant
- Available in Four Architectural Finishes

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
L2190BS	L21135BS	316	20/.035"	Brushed Stainless
L2190PS	L21135PS	316	20/.035"	Polished Stainless
L2190PB	L21135PB	C260	.045"	Polished Brass
L2190SB	L21135SB	C260	.045"	Satin Brass

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for L21S Series Laminated Square Base Shoe



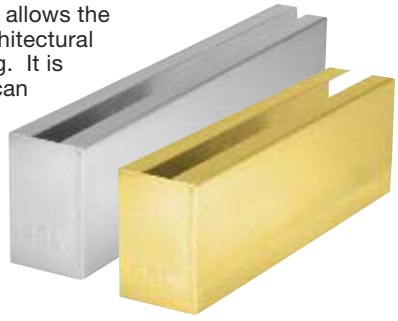
CRL End Caps are available in four architectural finishes. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.

- Adhere With Cladding Tape or Silicone Sealant
- Available in Four Architectural Finishes

CAT. NO.	GRADE	GA./THK.	FINISH
L21SECBS	316	20/.035"	Brushed Stainless
L21SECPS	316	20/.035"	Polished Stainless
L21SECPB	C260	.045"	Polished Brass
L21SECSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

12" Welded End Cladding for L21S Series Laminated Square Base Shoe



CRL Welded End Cladding allows the user to match any of four architectural finishes offered in Cap Railing. It is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape and/or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.

MORE INFORMATION crlaurence.com

- Adhere With Cladding Tape and Silicone Sealant
- Available in Four Architectural Finishes

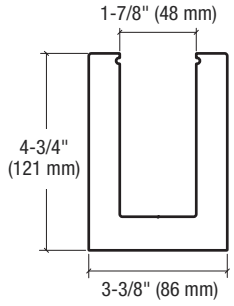
CAT. NO.	GRADE	GA./THK.	FINISH
L21WECBS	316	20/.035"	Brushed Stainless
L21WECPS	316	20/.035"	Polished Stainless
L21WECPB	C260	.045"	Polished Brass
L21WECSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

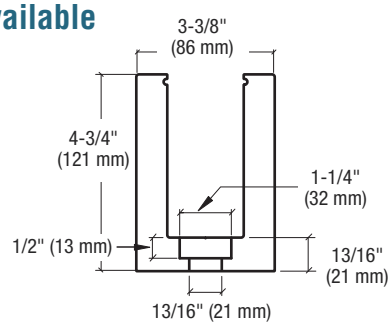
TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL L25S Series Heavy-Duty Laminated Square Base Shoe

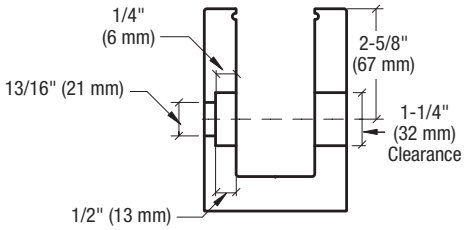
- For 1-1/16" (25.52 mm) Laminated Tempered Glass
- Typically Used as the Base Channel for Glass Railing Systems or Windscreens
- Works With LTL10X TAPER-LOC® Standard Taper Sets
- Custom Cutting and Mitering Service Available
- Engineering Reports Available



Undrilled

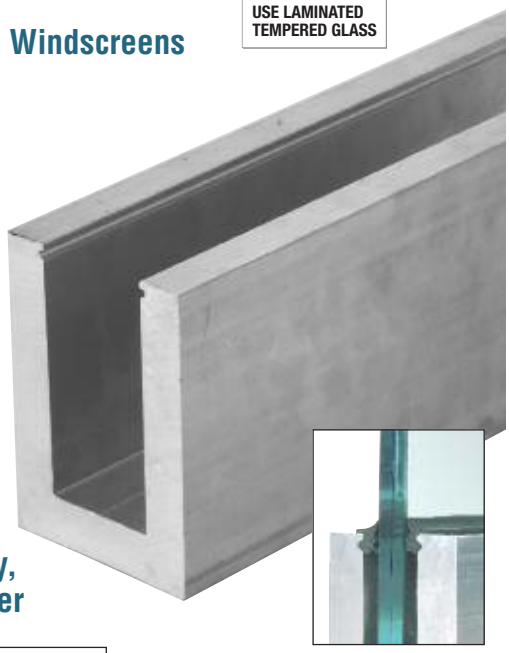


Hole Pattern "D"
5-7/8" or 11-13/16" (150 or 300 mm) C.T.C.



Hole Pattern "F"
5-7/8" or 11-13/16" (150 or 300 mm) C.T.C.

USE LAMINATED TEMPERED GLASS



- 6063 Alloy, T52 Temper

Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

MORE INFORMATION crlaurence.com

CRL L25S Series Laminated Square Base Shoe is used as the base channel for glass railing systems. It can be clad in four choices of architectural finishes (see next page). The most critical component in a railing system is the proper attachment of the Base Shoe to the substrate. CRL has engineered a variety of attachment methods, and has developed an acceptable combination of drilling patterns and fasteners. The five engineered methods of attachment can be found on pages HR004 and HR005. Associated fasteners are shown on page HR277.



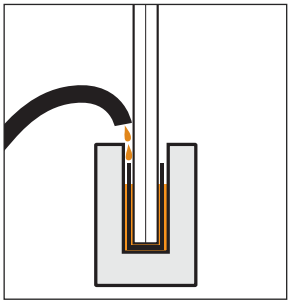
LTL10X TAPER-LOC® Standard Taper Sets

TAPER-LOC™ DRY GLAZE SYSTEM



For Use with LTL10X TAPER-LOC® Taper Sets for 1-1/16" (25.52 mm) Laminated Tempered Glass

WET GLAZE SYSTEM



For Use with 1-1/16" (25.52 mm) Laminated Tempered Glass

GLASS SPECIFICATIONS:
For use with 1-1/16" (25.52 mm) Laminated Tempered Glass
1/2" x .060 x 1/2" (12 mm x 1.52 mm x 12 mm)
Thickness Range: 0.960" to 1.060" (24.40 to 26.92 mm)
Will work with ASTM 1" (25.4 mm) Monolithic Tempered Glass
Will not accommodate the full ASTM thickness range for 1-1/16" (27 mm) glass

For Test Results and Drilling Recommendations, Visit crlaurence.com/test-reports.

L25S SERIES HEAVY-DUTY LAMINATED SQUARE BASE SHOE

11-13/16" (300 MM) C.T.C. CAT. NO.	5-7/8" (150 MM) C.T.C. CAT. NO.	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	WEIGHT
L25S10D**	L25S10D6	118-1/8" (3 m)	13/16" (21 mm)	1-1/4" x 1/2" (32 x 13 mm)	86 pounds (39 kg)
L25S10F**	L25S10F6	118-1/8" (3 m)	13/16" (21 mm)	1-1/4" x 1/2" (32 x 13 mm)	86 pounds (39 kg)
L25S10	-	118-1/8" (3 m)	-	ΔExtrusion Only (Without Holes)	86 pounds (39 kg)

**Our Best Sellers are Pre-Drilled at CRL's Manufacturing Facility. *Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Δ**NOTE:** The 118-1/8" (3 m) Extrusion Only (without holes) cannot be used for the TAPER-LOC® Dry Glaze System unless the Base Shoe is fabricated to the above tested and approved hole and counter bore pattern. The TAPER-LOC® Dry Glaze System requires that the attachment holes be counter bored so that no part of the fastener protrudes above the base of the channel opening.

CRL Cladding for L25S Series Laminated Square Base Shoe

Straight Cladding for L25S Series Laminated Square Base Shoe



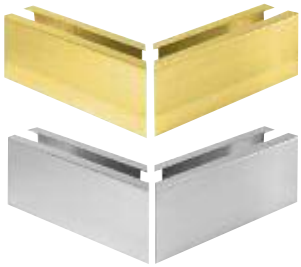
CRL Cladding for L25S Series Base Shoe is available in four architectural finishes. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.
NOTE: Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Fascia Cladding is also available. Go to **crlaurence.com/base-shoe** for details.

- **Adhere With Cladding Tape or Silicone Sealant**
- **Available in Four Architectural Finishes**
- **Custom Cutting and Mitering Service Available**

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
LBSCBS10	316	20/.035"	118-1/8" (3 m)	Brushed Stainless
LBSCPS10	316	20/.035"	118-1/8" (3 m)	Polished Stainless
LBSCPB10	C260	.045"	118-1/8" (3 m)	Polished Brass
LBSCSB10	C260	.045"	118-1/8" (3 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 118" (3 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

12" Mitered Corner Cladding for L25S Series Laminated Square Base Shoe



CRL Mitered Corner Cladding for L25S Series Base Shoe is available in four architectural finishes. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.

- **90 Degree and 135 Degree Corner Sets**
- **Adhere With Cladding Tape or Silicone Sealant**
- **Available in Four Architectural Finishes**

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
L2590BS	L25135BS	316	20/.035"	Brushed Stainless
L2590PS	L25135PS	316	20/.035"	Polished Stainless
L2590PB	L25135PB	C260	.045"	Polished Brass
L2590SB	L25135SB	C260	.045"	Satin Brass

Minimum order: 1 set. All finishes can be combined for quantity pricing.

End Caps for L25S Series Laminated Square Base Shoe



CRL End Caps are available in four architectural finishes. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.

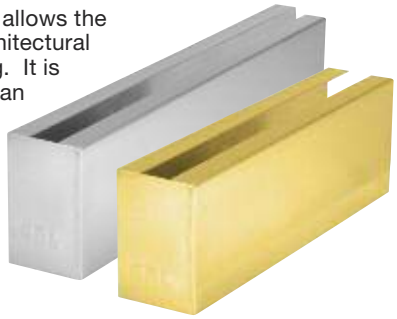
MORE INFORMATION crlaurence.com

- **Adhere With Cladding Tape or Silicone Sealant**
- **Available in Four Architectural Finishes**

CAT. NO.	GRADE	GA./THK.	FINISH
L25SECBS	316	20/.035"	Brushed Stainless
L25SECPS	316	20/.035"	Polished Stainless
L25SECPB	C260	.045"	Polished Brass
L25SECSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

12" Welded End Cladding for L25S Series Laminated Square Base Shoe



CRL Welded End Cladding allows the user to match any of four architectural finishes offered in Cap Railing. It is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape and/or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. One per package.

- **Adhere With Cladding Tape and Silicone Sealant**
- **Available in Four Architectural Finishes**

CAT. NO.	GRADE	GA./THK.	FINISH
L25WECBS	316	20/.035"	Brushed Stainless
L25WECPS	316	20/.035"	Polished Stainless
L25WECPB	C260	.045"	Polished Brass
L25WECSB	C260	.045"	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Blumcraft RG200 Series Two Piece Base Shoe System

BLUMCRAFT
A DIVISION OF C.R. LAURENCE CO., INC.

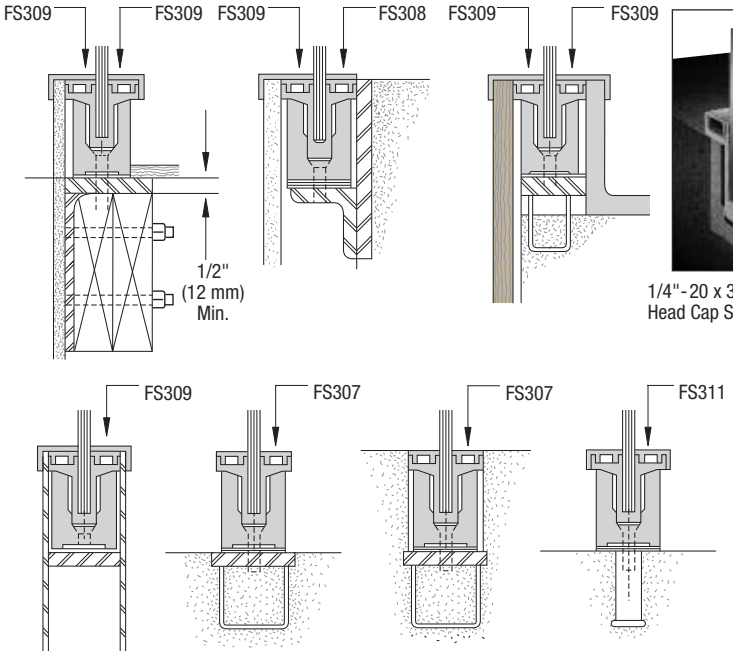
- **For 1/2" (12 mm) Monolithic Tempered Glass**
- **Two Piece Mounting Base Isolates Glass Panels Against Shock of Building Movement**
- **Permits Easy Glass Panel Replacement By Means of Bolts**
- **Railglass™ Factory Controlled Bonding of Glass is Also Available**

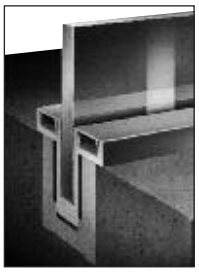
USE MONOLITHIC TEMPERED GLASS

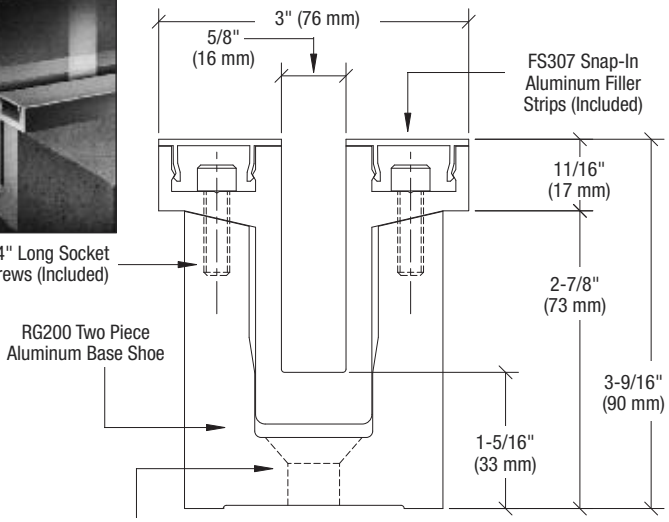
- **Wet Glazed System Only**
- **6063 Alloy, T52 Temper in Three Finishes**



CRL Blumcraft's RG200 Series Two Piece Base Shoe System is offered in stock lengths or custom fabricated to size with or without factory installed 1/2" (12 mm) glass panels. The system permits easy glass panel installation and replacement by means of bolts. CRL Blumcraft's Glass Railing Systems are designed to meet and exceed typical code requirements for guard rail applications.







Typical Mountings for 1/2" (12 mm) Glass; Steel Sub-Structures by Others

MORE INFORMATION
crlaurence.com

GLASS SPECIFICATIONS:

1/2" (12 mm) thick glass using Wet Glaze System

Tempered Glass: Shall be 1/2" (12 mm) thick safety glass meeting the requirements of ANSI Standard 297.1 for Safety Glazing Materials and Consumer Product Safety Commission Standard 16 CFR 1201 Categories 1 and 2.

INSTALLATION NOTE:

The RG200 Base is furnished with pre-drilled through holes 12" (305 mm) O.C. spacing for 1/2"-13 Flat Socket Head Cap Screws. Customer to drill and tap through 1/2" (12 mm) thick (minimum) continuous steel plate using RG200 Base as a template for hole location.

RG200 SERIES TWO PIECE BASE SHOE

CAT. NO.	FINISH	STOCK LENGTH*	HOLE SIZE	HOLE TYPE	CENTER-TO-CENTER	WEIGHT
RG200SA	Satin Anodized	144" (3.65 m)	5/8" (16 mm)	Flat Head	12" (305 mm)	99 pounds (45 kg)
RG200DU	Dark Bronze Anodized	144" (3.65 m)	5/8" (16 mm)	Flat Head	12" (305 mm)	99 pounds (45 kg)
RG200MCA	Mill Clear Anodized	144" (3.65 m)	5/8" (16 mm)	Flat Head	12" (305 mm)	99 pounds (45 kg)

* Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Shipping Note: Due to the difficulty in packaging and handling 144" (3.65 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

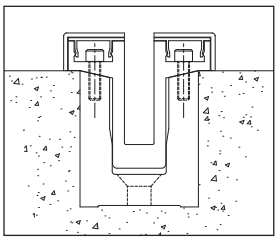
CRL Blumcraft Cladding for RG200 Base Shoe

- Adhere With Cladding Tape or Silicone Sealant (See Page HR048)
- Custom Cutting and Mitering Service Available

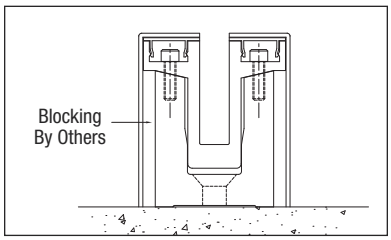


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NOTE: Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Base Shoe is sold separately.



Standard Installation Method

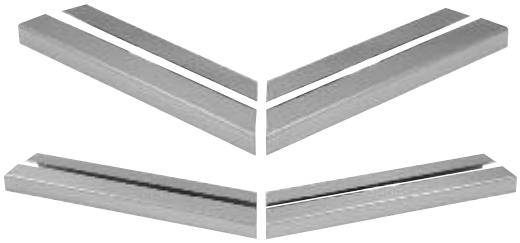


Alternate Installation Method
(Contact Technical Sales for more Information)

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
RG2CBS10	316	20/.035"	120" (3.05 m)	Brushed Stainless
RG2CPS10	316	20/.035"	120" (3.05 m)	Polished Stainless
RG2CPB10	C260	.045"	120" (3.05 m)	Polished Brass
RG2CSB10	C260	.045"	120" (3.05 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

CRL Blumcraft 12" Mitered Corner Cladding for RG200 Series Base Shoe



CRL Blumcraft Mitered Corner Cladding for RG200 Series Base Shoe is available in four architectural finishes. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.

- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant (See Page HR048)
- Available in Four Architectural Finishes

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
RG290BS	RG2135BS	316	20/.035"	Brushed Stainless
RG290PS	RG2135PS	316	20/.035"	Polished Stainless
RG290PB	RG2135PB	C260	.045"	Polished Brass
RG290SB	RG2135SB	C260	.045"	Satin Brass

Minimum order: 1 set. All finishes can be combined for quantity pricing.

CRL Blumcraft End Caps for RG200 Series Base Shoe

CRL Blumcraft End Caps are available in six architectural finishes, plus mill aluminum. End Caps are secured to the Base Shoe using two socket head cap screws (included). One per package.



- Formed and Shaped to Fit
- Available in Six Architectural Finishes, Plus Mill

CAT. NO.	GRADE	GA./THK.	FINISH
RG2ECBSΔ	316	20/.035"	Brushed Stainless
RG2ECPSΔ	316	20/.035"	Polished Stainless
RG2ECPBΔ	C260	.045"	Polished Brass
RG2ECSBΔ	C260	.045"	Satin Brass
RG2ECSA	6063	.500"	Satin Anodized
RG2ECDU	6063	.500"	Dark Bronze Anodized
RG2ECM	6063	.500"	Mill Aluminum

Minimum order: 1 each. All finishes can be combined for quantity pricing.
Δ Cladded Plate only included with stainless or brass finishes.

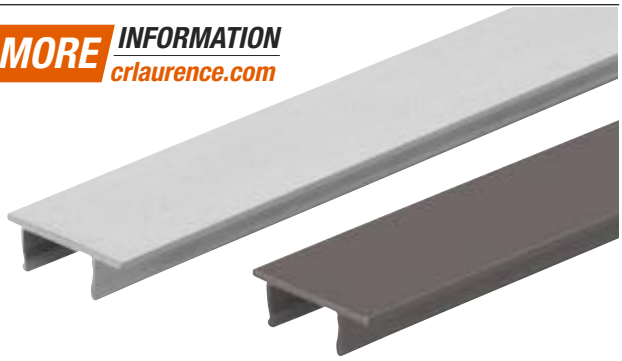
CRL Blumcraft FS307 Replacement Snap-In Insert for RG200 Base Shoe

- Conceals Bolt Heads in RG200 Two Piece Base Shoe
- Easy, Snap-In Installation

CAT. NO.	GRADE	LENGTH	FINISH
FS307SA	6063	144" (3.65 m)	Satin Anodized
FS307DU	6063	144" (3.65 m)	Dark Bronze Anodized
FS307M	6063	144" (3.65 m)	Mill Aluminum

Minimum order: 1 each. All finishes can be combined for quantity pricing. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

MORE INFORMATION
crlaurence.com



TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

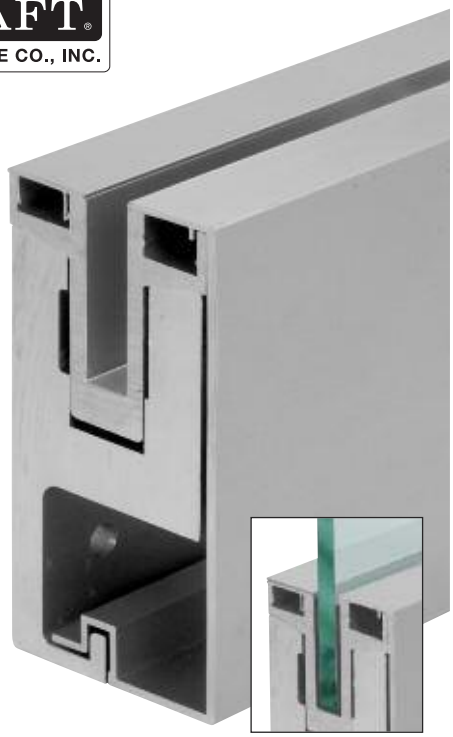
CRL Blumcraft RG450 Series Two Piece Fascia Mount Base Shoe System

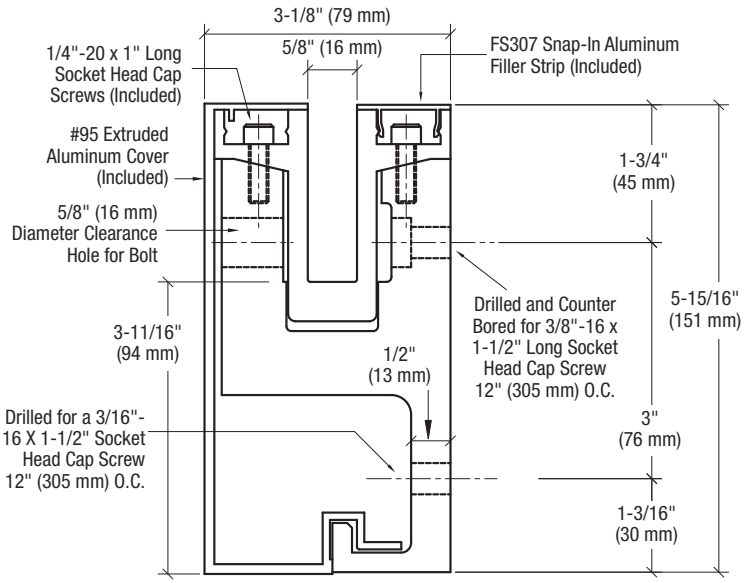
BLUMCRAFT
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- For 1/2" (12 mm) Monolithic Tempered Glass
- Two Piece Mounting Base Isolates Glass Panels Against Shock of Building Movement
- Permits Easy Glass Panel Replacement By Means of Bolts
- Railglass™ Factory Controlled Bonding of Glass is Also Available

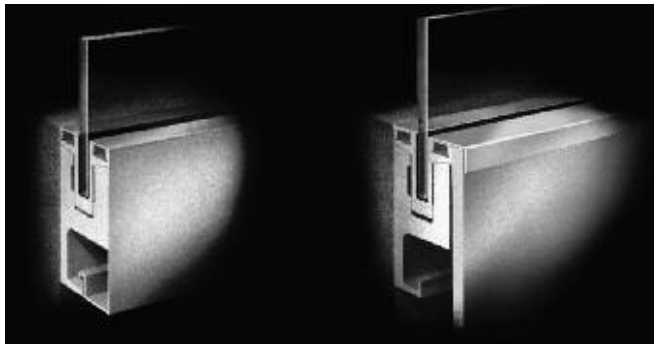
USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION
crlaurence.com





- Wet Glazed System Only
- 6063 Alloy, T52 Temper in Three Finishes

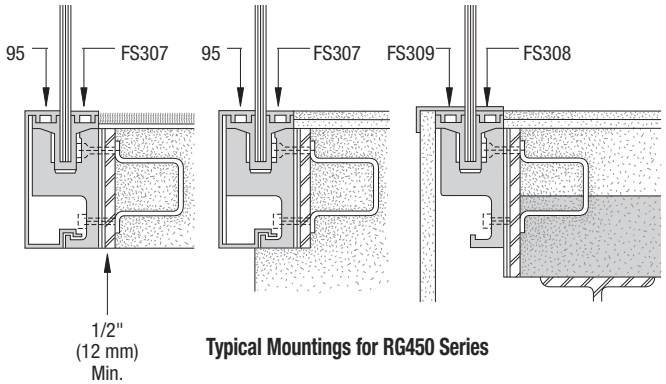


CRL Blumcraft's RG450 Series Two Piece Fascia Mount Base Shoe System is offered in stock lengths or custom fabricated to size with or without factory installed 1/2" (12 mm) glass panels. The system permits easy glass panel installation and replacement by means of bolts. CRL Blumcraft's Glass Railing Systems are designed to meet and exceed typical code requirements for guard rail applications.

GLASS SPECIFICATIONS:

1/2" (12 mm) thick glass using Wet Glaze System

Tempered Glass: Shall be 1/2" (12 mm) thick safety glass meeting the requirements of ANSI Standard 297.1 for Safety Glazing Materials and Consumer Product Safety Commission Standard 16 CFR 1201 Categories 1 and 2.



Typical Mountings for RG450 Series

RG450 SERIES TWO PIECE BASE SHOE

CAT. NO.	FINISH	STOCK LENGTH*	HOLE SIZE	COUNTER BORE X DEPTH	CENTER-TO-CENTER	WEIGHT
RG450SA	Satin Anodized	144" (3.65 m)	13/32" (10 mm)	5/8" x 1/4" (16 x 6 mm)	12" (305 mm)	135 pounds (61 kg)
RG450DU	Dark Bronze Anodized	144" (3.65 m)	13/32" (10 mm)	5/8" x 1/4" (16 x 6 mm)	12" (305 mm)	135 pounds (61 kg)
RG450MCA	Mill Clear Anodized	144" (3.65 m)	13/32" (10 mm)	5/8" x 1/4" (16 x 6 mm)	12" (305 mm)	135 pounds (61 kg)

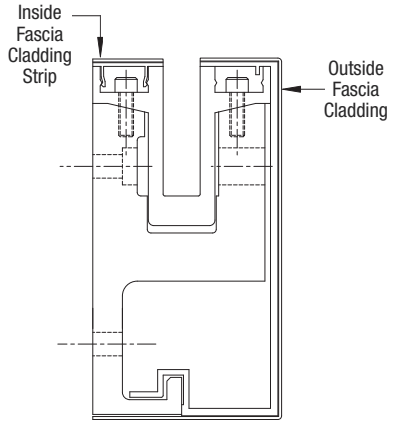
* Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Shipping Note: Due to the difficulty in packaging and handling 144" (3.65 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Blumcraft Cladding for RG450 Base Shoe





- **Adhere With Cladding Tape or Silicone Sealant (See Page HR048)**

Base Shoe Sold Separately

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

INSIDE FASCIA CLADDING STRIP

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
RG41FBS10	316	20/.035"	120" (3.05 m)	Brushed Stainless
RG41FPS10	316	20/.035"	120" (3.05 m)	Polished Stainless
RG41FPB10	C260	.045"	120" (3.05 m)	Polished Brass
RG41FSB10	C260	.045"	120" (3.05 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 mm). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

OUTSIDE FASCIA CLADDING

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
RG40FBS10	316	20/.035"	120" (3.05 m)	Brushed Stainless
RG40FPS10	316	20/.035"	120" (3.05 m)	Polished Stainless
RG40FPB10	C260	.045"	120" (3.05 m)	Polished Brass
RG40FSB10	C260	.045"	120" (3.05 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 mm). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

CRL Blumcraft 12" Mitered Corner Cladding for RG450 Series Base Shoe

CRL Blumcraft Mitered Corner Cladding for RG450 Series Base Shoe is available in four architectural finishes. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.



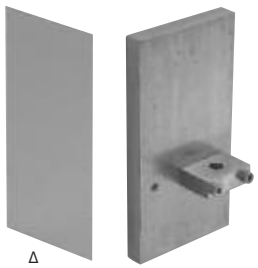
- **90 Degree and 135 Degree Corner Sets**
- **Adhere With Cladding Tape or Silicone Sealant (See Page HR048)**
- **Available in Four Architectural Finishes**

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
RG490BS	RG4135BS	316	20/.035"	Brushed Stainless
RG490PS	RG4135PS	316	20/.035"	Polished Stainless
RG490PB	RG4135PB	C260	.045"	Polished Brass
RG490SB	RG4135SB	C260	.045"	Satin Brass

Minimum order: 1 set. All finishes can be combined for quantity pricing.

CRL Blumcraft End Caps for RG450 Series Base Shoe

CRL Blumcraft End Caps are available in six architectural finishes, plus mill aluminum. End Caps are secured to the Base Shoe using included screws and bracket. One per package.



Δ

- **Attach With Screws, Cladding Tape or Silicone Sealant (See Page HR048)**
- **Available in Six Architectural Finishes, Plus Mill**

CAT. NO.	GRADE	GA./THK.	FINISH
RG4ECBSΔ	316	20/.035"	Brushed Stainless
RG4ECPSΔ	316	20/.035"	Polished Stainless
RG4ECPBΔ	C260	.045"	Polished Brass
RG4ECSBΔ	C260	.045"	Satin Brass
RG4ECSA	6063	.500"	Satin Anodized
RG4ECDU	6063	.500"	Dark Bronze Anodized
RG4ECM	6063	.500"	Mill Aluminum

Minimum order: 1 each. All finishes can be combined for quantity pricing.
ΔCladded Plate only included with stainless or brass finishes.

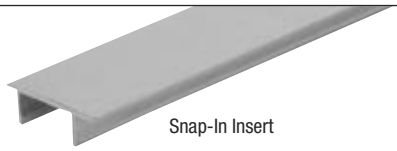
CRL Blumcraft 95 Cover Trim and FS307 Replacement Snap-In Insert for RG450 Base Shoe

- **Two Architectural Finishes, Plus Mill Aluminum**
- **Custom Cutting and Mitering Service Available**



Cover Trim

MORE INFORMATION crlaurence.com



Snap-In Insert

COVER TRIM CAT. NO.	SNAP-IN INSERT CAT. NO.	GRADE	LENGTH	FINISH
95SA	FS307SA	6063	144" (3.65 m)	Satin Anodized
95DU	FS307DU	6063	144" (3.65 m)	Dark Bronze Anodized
95M	FS307M	6063	144" (3.65 m)	Mill Aluminum

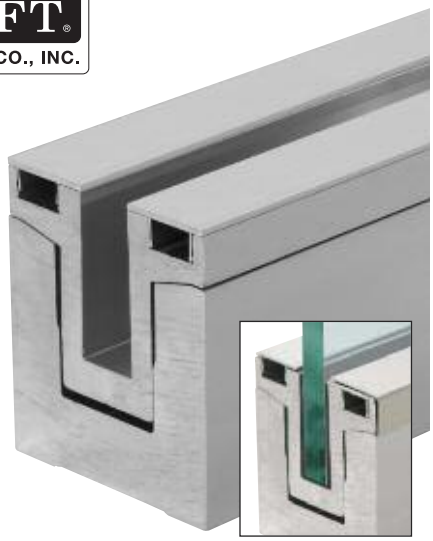
Minimum order: 1 each. All finishes can be combined for quantity pricing. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

CRL Blumcraft RG500 Series Two Piece Base Shoe

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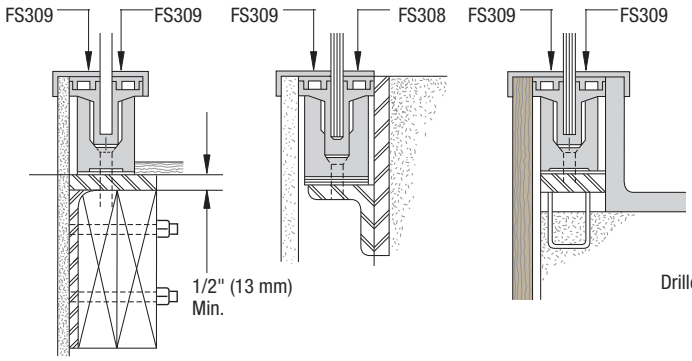
- **For 3/4" (19 mm) Monolithic Tempered Glass**
- **Two Piece Mounting Base Isolates Glass Panels Against Shock of Building Movement**
- **Permits Easy Glass Panel Replacement By Means of Bolts**
- **Railglass™ Factory Controlled Bonding of Glass is Also Available**

CRL Blumcraft's RG500 Series Two Piece Base Shoe System is offered in stock lengths or custom fabricated to size with or without factory installed 3/4" (19 mm) glass panels. The system permits easy glass panel installation and replacement by means of bolts. CRL Blumcraft's Glass Railing Systems are designed to meet and exceed typical code requirements for guard rail applications.

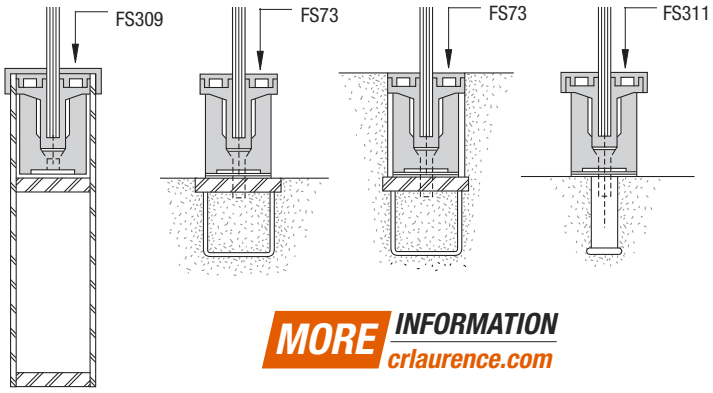




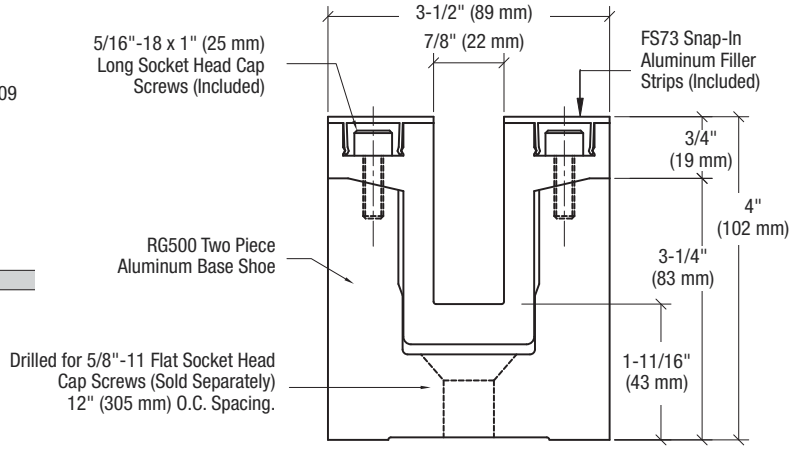
- **Wet Glazed System Only**
- **6063 Alloy, T52 Temper in Three Finishes**



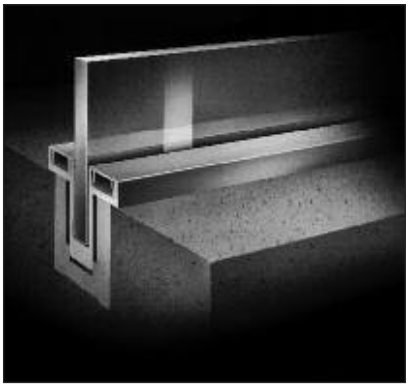
Typical Mountings for 3/4" (19 mm) Glass; Steel Sub-Structures By Others



MORE INFORMATION
crlaurence.com



INSTALLATION NOTE:
The RG500 Base is furnished with pre-drilled through holes 12" (305 mm) O.C. spacing for 5/8"-11 Flat Socket Head Cap Screws. Customer to drill and tap through 5/8" (16 mm) thick (minimum) continuous steel plate using RG500 Base as a template for hole location.



GLASS SPECIFICATIONS:
3/4" (19 mm) thick glass Using Wet Glaze System

Tempered Glass: Shall be 3/4" (19 mm) thick safety glass meeting the requirements of ANSI Standard 297.1 for Safety Glazing Materials and Consumer Product Safety Commission Standard 16 CFR 1201 Categories 1 and 2.

RG500 SERIES TWO PIECE BASE SHOE

CAT. NO.	FINISH	STOCK LENGTH*	HOLE SIZE	HOLE TYPE	CENTER-TO-CENTER	WEIGHT
RG500SA	Satin Anodized	144" (3.65 m)	5/8" (16 mm)	Flat Head	12" (305 mm)	155 pounds (70 kg)
RG500DU	Dark Bronze Anodized	144" (3.65 m)	5/8" (16 mm)	Flat Head	12" (305 mm)	155 pounds (70 kg)
RG500MCA	Mill Clear Anodized	144" (3.65 m)	5/8" (16 mm)	Flat Head	12" (305 mm)	155 pounds (70 kg)

*Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Shipping Note: Due to the difficulty in packaging and handling 144" (3.65 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

CRL BLUMCRAFT GLASS RAILING BASE SHOE

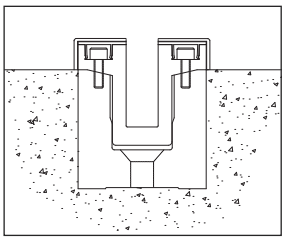
CRL Blumcraft Cladding for RG500 Base Shoe

- Adhere With Cladding Tape or Silicone Sealant (See Page HR048)
- Custom Cutting and Mitering Service Available

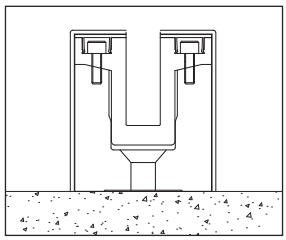


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NOTE: Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. Base Shoe is sold separately.



Standard Installation Method

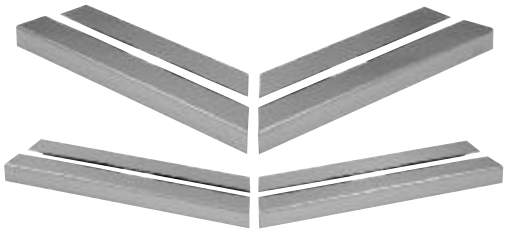


Alternate Installation Method (Contact Technical Sales for more Information)

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
RG50CBS10	316	20/.035"	120" (3.05 m)	Brushed Stainless
RG50CPS10	316	20/.035"	120" (3.05 m)	Polished Stainless
RG50CPB10	C260	.045"	120" (3.05 m)	Polished Brass
RG50CSB10	C260	.045"	120" (3.05 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

CRL Blumcraft 12" Mitered Corner Cladding for RG500 Series Base Shoe



CRL Blumcraft Mitered Corner Cladding for RG500 Series Base Shoe is available in four architectural finishes. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.

- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant (See Page HR048)
- Available in Four Architectural Finishes

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
RG590BS	RG5135BS	316	20/.035"	Brushed Stainless
RG590PS	RG5135PS	316	20/.035"	Polished Stainless
RG590PB	RG5135PB	C260	.045"	Polished Brass
RG590SB	RG5135SB	C260	.045"	Satin Brass

Minimum order: 1 set. All finishes can be combined for quantity pricing.

CRL Blumcraft End Caps for RG500 Series Base Shoe

CRL Blumcraft End Caps are available in six architectural finishes, plus mill aluminum. End Caps are secured to the Base Shoe using two socket head cap screws (included). One per package.



- Formed and Shaped to Fit
- Available in Six Architectural Finishes, Plus Mill

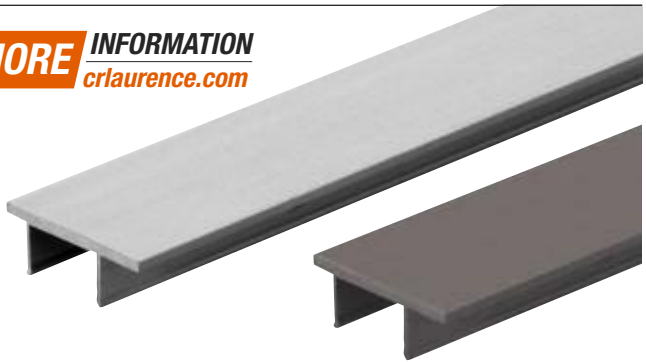
CAT. NO.	GRADE	GA./THK.	FINISH
RG5ECBSΔ	316	20/.035"	Brushed Stainless
RG5ECPSΔ	316	20/.035"	Polished Stainless
RG5ECPBΔ	C260	.045"	Polished Brass
RG5ECSBΔ	C260	.045"	Satin Brass
RG5ECSA	6063	.500"	Satin Anodized
RG5ECDU	6063	.500"	Dark Bronze Anodized
RG5ECM	6063	.500"	Mill Aluminum

Minimum order: 1 each. All finishes can be combined for quantity pricing.
Δ Cladded Plate only included with stainless or brass finishes.

CRL Blumcraft FS73 Replacement Snap-In Insert for RG500 Base Shoe

MORE INFORMATION crlaurence.com

- Conceals Bolt Heads in RG500 Two-Piece Base Shoe
- Easy, Snap-In Installation



CAT. NO.	GRADE	LENGTH	FINISH
FS73SA	6063	144" (3.65 m)	Satin Anodized
FS73DU	6063	144" (3.65 m)	Dark Bronze Anodized
FS73M	6063	144" (3.65 m)	Mill Aluminum

Minimum order: 1 each. All finishes can be combined for quantity pricing. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Blumcraft RG650 Series Two Piece Fascia Mount Base Shoe System

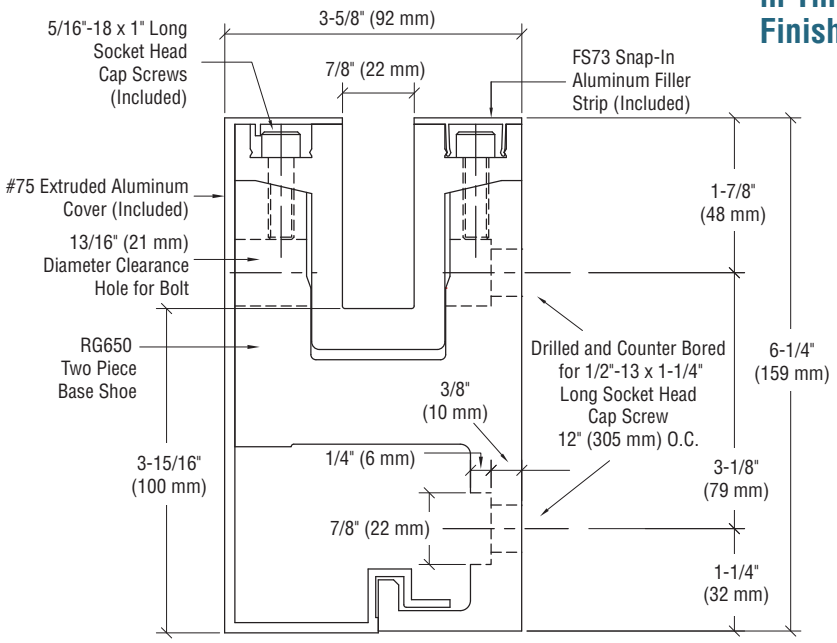
BLUMCRAFT
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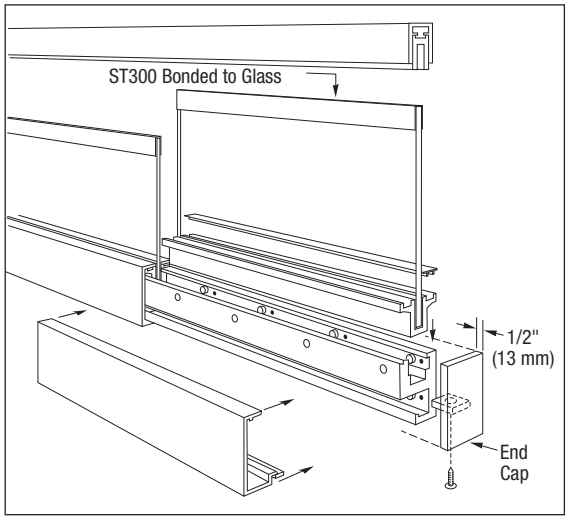
- For 3/4" (19 mm) Monolithic Tempered Glass
- Two Piece Mounting Base Isolates Glass Panels Against Shock of Building Movement
- Permits Easy Glass Panel Replacement By Means of Bolts
- Railglass™ Factory Controlled Bonding of Glass is Also Available

USE MONOLITHIC TEMPERED GLASS

- Wet Glazed System Only
- 6063 Alloy, T52 Temper in Three Finishes







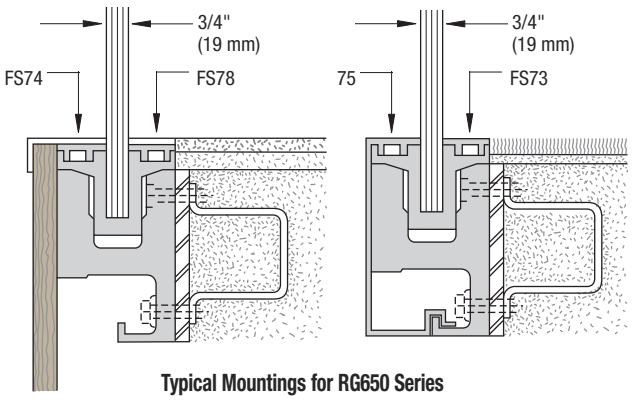
CRL Blumcraft's RG650 Series Two Piece Fascia Mount Base Shoe System is offered in stock lengths or custom fabricated to size with or without factory installed 3/4" (19 mm) glass panels. The system permits easy glass panel installation and replacement by means of bolts. CRL Blumcraft's Glass Railing Systems are designed to meet and exceed typical code requirements for guard rail applications.

MORE INFORMATION crlaurence.com

GLASS SPECIFICATIONS:

3/4" (19 mm) thick glass using Wet Glaze System

Tempered Glass: Shall be 3/4" (19 mm) thick safety glass meeting the requirements of ANSI Standard 297.1 for Safety Glazing Materials and Consumer Product Safety Commission Standard 16 CFR 1201 Categories 1 and 2.



Typical Mountings for RG650 Series

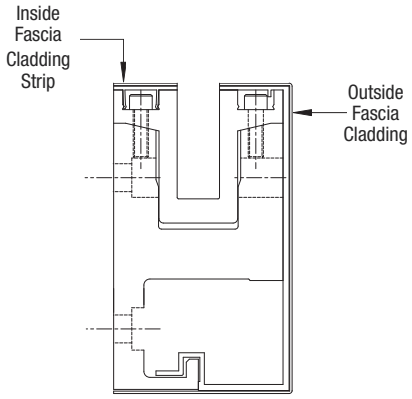
RG650 SERIES TWO PIECE BASE SHOE

CAT. NO.	FINISH	STOCK LENGTH*	HOLE SIZE	COUNTERBORE X DEPTH	CENTER-TO-CENTER	WEIGHT
RG650SA	Satin Anodized	144" (3.65 m)	9/16" (14 mm)	7/8" x 1/4" (22 x 6 mm)	12" (305 mm)	181 pounds (82 kg)
RG650DU	Dark Bronze Anodized	144" (3.65 m)	9/16" (14 mm)	7/8" x 1/4" (22 x 6 mm)	12" (305 mm)	181 pounds (82 kg)
RG650MCA	Mill Clear Anodized	144" (3.65 m)	9/16" (14 mm)	7/8" x 1/4" (22 x 6 mm)	12" (305 mm)	181 pounds (82 kg)

* Stock lengths have a tolerance of plus or minus 3/4" (19 mm). Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

Shipping Note: Due to the difficulty in packaging and handling 144" (3.65 m) stock lengths, it is suggested that you take delivery of these at any of our distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.

CRL Blumcraft Cladding for RG650 Base Shoe





- Adhere With Cladding Tape or Silicone Sealant (See Page HR048)

Base Shoe Sold Separately

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A DIVISION OF C.R. LAURENCE CO., INC.

INSIDE FASCIA CLADDING STRIP

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
RG61FBS10	316	20/.035"	120" (3.05 m)	Brushed Stainless
RG61FPS10	316	20/.035"	120" (3.05 m)	Polished Stainless
RG61FPB10	C260	.045"	120" (3.05 m)	Polished Brass
RG61FSB10	C260	.045"	120" (3.05 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 mm). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

OUTSIDE FASCIA CLADDING

CAT. NO.	GRADE	GA./THK.	LENGTH	FINISH
RG60FBS10	316	20/.035"	120" (3.05 m)	Brushed Stainless
RG60FPS10	316	20/.035"	120" (3.05 m)	Polished Stainless
RG60FPB10	C260	.045"	120" (3.05 m)	Polished Brass
RG60FSB10	C260	.045"	120" (3.05 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 mm). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

CRL Blumcraft 12" Mitered Corner Cladding for RG650 Series Base Shoe

CRL Blumcraft Mitered Corner Cladding for RG650 Series Base Shoe is available in four architectural finishes. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Four pieces per set.



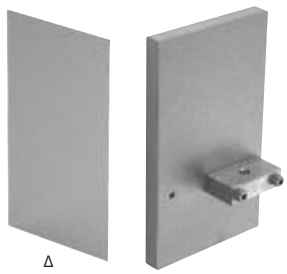
- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant (See Page HR048)
- Available in Four Architectural Finishes

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
RG690BS	RG6135BS	316	20/.035"	Brushed Stainless
RG690PS	RG6135PS	316	20/.035"	Polished Stainless
RG690PB	RG6135PB	C260	.045"	Polished Brass
RG690SB	RG6135SB	C260	.045"	Satin Brass

Minimum order: 1 set. All finishes can be combined for quantity pricing.

CRL Blumcraft End Caps for RG650 Series Base Shoe

CRL Blumcraft End Caps are available in six architectural finishes, plus mill aluminum. End Caps are secured to the Base Shoe using included screws and bracket. One per package.



Δ

- Formed and Shaped to Fit
- Available in Six Architectural Finishes, Plus Mill

CAT. NO.	GRADE	GA./THK.	FINISH
RG6ECBSΔ	316	20/.035"	Brushed Stainless
RG6ECPSΔ	316	20/.035"	Polished Stainless
RG6ECPBΔ	C260	.045"	Polished Brass
RG6ECSBΔ	C260	.045"	Satin Brass
RG6ECSA	6063	.500"	Satin Anodized
RG6ECDU	6063	.500"	Dark Bronze Anodized
RG6ECM	6063	.500"	Mill Aluminum

Minimum order: 1 each. All finishes can be combined for quantity pricing.
Δ Cladded Plate only included with stainless or brass finishes.

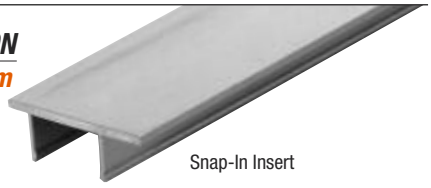
CRL Blumcraft 75 Cover Trim and FS73 Replacement Snap-In Insert for RG650 Base Shoe

- Two Architectural Finishes, Plus Mill Aluminum
- Custom Cutting and Mitering Service Available



Cover Trim

MORE INFORMATION
crlaurence.com



Snap-In Insert

COVER TRIM CAT. NO.	SNAP-IN INSERT CAT. NO.	GRADE	LENGTH	FINISH
75SA	FS73SA	6063	144" (3.65 m)	Satin Anodized
75DU	FS73DU	6063	144" (3.65 m)	Dark Bronze Anodized
75M	FS73M	6063	144" (3.65 m)	Mill Aluminum

Minimum order: 1 each. All finishes can be combined for quantity pricing. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Cladding and Fabrication Services

- Metal Fabricated to Your Specifications
- Available in Many Architectural Finishes

CRL offers Cladding and Fabrication Services for Headers, Tubing, Channels, and other shapes needed for architectural projects. For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

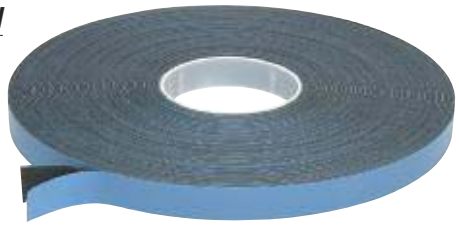




CRL Cladding Tape

MORE INFORMATION crlaurence.com

- Pressure Sensitive High-Strength Adhesive With Tenacious Holding Power
- Used for Adhering Cladding to Base Shoe



Our AT234 Cladding Tape is used to adhere cladding to Base Shoe. Made of a high strength acrylic foam with a high tack adhesive, it is used in conjunction with our 95CBL Silicone for a permanent, secure bond. See below for suggested application details.

CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH
AT234	.045" (1.1 mm)	3/4" (19 mm)	108' (33 m)

Minimum order: 1 roll.

CRL Neutral Cure Silicone

MSDS ONLINE

SPEC. DATA ONLINE

- Used to Adhere Cladding to Base Shoe and Cap Rail to Glass
- Neutral Cure, Waterproof Formula
- Excellent Primerless Adhesion to Most Common Construction Substrates
- Can Be Applied in All Temperatures



CAT. NO.	COLOR	CONTENTS	CTGS/CASE
95CBL	Black	10.3 Fl. Oz. (304 ml)	30

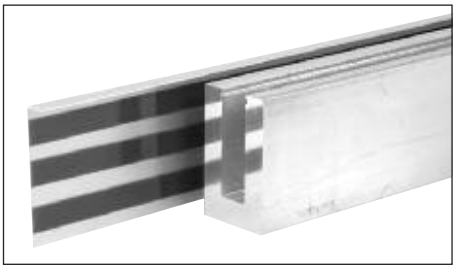
Minimum order: 1 each.

Use our 95CBL Silicone to adhere Cladding to Base Shoe and Cap Rail to glass. Neutral cure formula is best for use with brass material to avoid adverse reactions. Best results for cladding when used in conjunction with our AT234 Tape for a permanent, secure bond. See below for suggested application details. 95CBL can also be used for finishing off the top of the Base Shoe pocket (see page HR025).

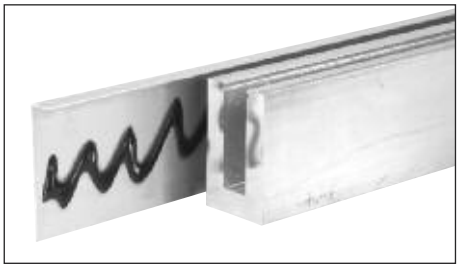
For our complete selection of CRL Silicones visit our web site at **crlaurence.com/sealants**.

Application Suggestions for CRL Cladding

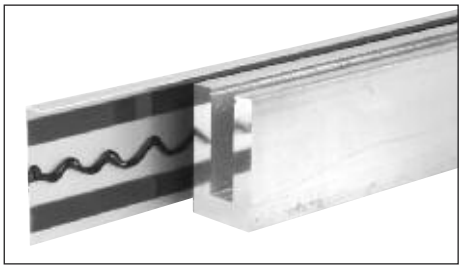
There are various methods of attaching the Cladding to the Base Shoe. All three types shown below will work, but a combination of Cladding Tape and Neutral Cure Silicone (Type C) offers the best of two worlds; the instant bond of the tape along with the speed of application of the silicone and its flexible, durable adhesion. We invite you to contact CRL Technical Sales to discuss your individual application.



Type A: Apply three rows of Tape to the vertical edge of the Cladding. Carefully align the Cladding to the Base Shoe and press in place.



Type B: Apply Silicone to the vertical edge of the Cladding. Carefully align Cladding to the Base Shoe and press in place. Use clamps to hold the Cladding in place until the Silicone cures.



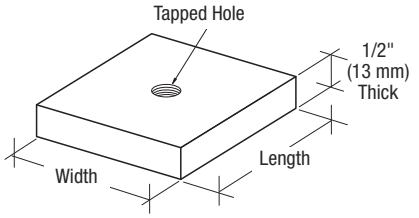
Type C: Apply two rows of Tape to the vertical edge of the Cladding, one toward the top and one toward the bottom. Apply the Silicone between the rows of Tape. Carefully align the Cladding to the Base Shoe and press in place.

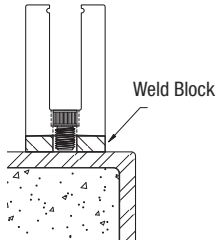
CRL GRS GLASS RAILING BASE SHOE ACCESSORIES

go to:
crlaurence.com/base-shoe-tools

CRL Weld Blocks

- Fabricated and Ready to Weld
- Eliminates the Need for Drilling and Tapping on Job Site
- 10 Per Pack





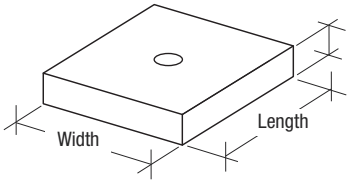


CAT. NO.	WIDTH	LENGTH	TAPPED HOLE	WORKS WITH BASE SHOE
BSWB12	2-1/2" (64 mm)	2-1/4" (57 mm)	1/2"-13	8B, B5A, B5S, B5T, B5L
BSWB712	2-3/4" (70 mm)	2-1/2" (64 mm)	1/2"-13	B7S
BSWB58	2-5/8" (67 mm)	2-7/8" (73 mm)	1/2"-13	L56S, B6N, B6S
LSWB21	3-3/16" (81 mm)	3-3/8" (86 mm)	M14-2.0	L21S, L25S, L68S

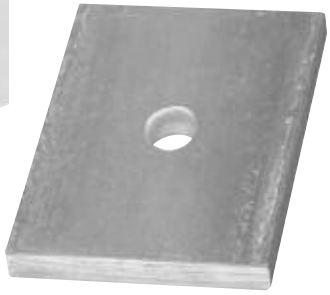
Minimum order: 1 package.

CRL Drain Blocks

- Placed Under Base Shoe to Provide Drainage Space
- Great for Balconies and Decks
- 10 Per Pack





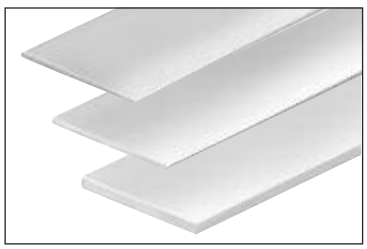


CAT. NO.	WIDTH	LENGTH	WORKS WITH BASE SHOE
BSDB38	2-1/2" (64 mm)	2-1/4" (57 mm)	8B, B5A, B5S, B5T, B5L
BSDB34	2-3/4" (70 mm)	2-1/2" (64 mm)	B7S
BSDB58	2-5/8" (67 mm)	2-7/8" (73 mm)	L56S, B6N, B6S
LSDB21	3-3/16" (81 mm)	3-3/8" (86 mm)	L21S, L25S, L68S

Minimum order: 1 package.

CRL Aluminum Shim Strips

- Available in Three Thicknesses: 1/64", 1/32", and 1/16" (.4, .8, and 1.6 mm) to Adjust Base Shoe to Plumb Position





CRL Aluminum Shim Strips are used under one side of the Base Shoe to adjust it into a plumb position before securing it with the fasteners. Length can be trimmed as required for an exact fit.

- 10 Per Pack

CAT. NO.	THICKNESS	WIDTH	LENGTH
BSS164	1/64" (0.4 mm)	3/4" (19 mm)	24" (610 mm)
BSS132	1/32" (0.8 mm)	3/4" (19 mm)	24" (610 mm)
BSS116	1/16" (1.6 mm)	3/4" (19 mm)	24" (610 mm)

Minimum order: 1 package. Sizes can be combined for quantity pricing.

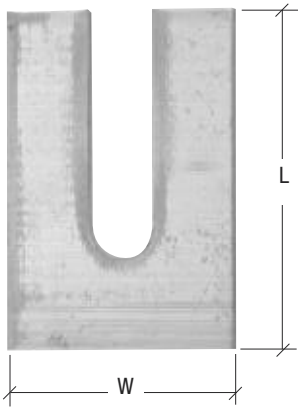
CRL Aluminum Horseshoe Shims

MORE INFORMATION crlaurence.com

- Available in Three Thicknesses: 1/16", 1/8", and 1/4" (1.6, 3.2, and 6.3 mm)
- Won't Compress Under Base Shoe

CRL Aluminum Horseshoe Shims are ideal for Base Shoe installations. They will not compress or project beyond the Base Shoe. They are also the same base metal as the Base Shoe, so corrosion is minimized. Different thicknesses can be stacked to fill odd size gaps. 6061-T6 Aluminum Alloy.





CAT. NO.	THICKNESS	"W" WIDTH	"L" LENGTH	QTY
AHS66	1/16" (1.6 mm)	2" (51 mm)	3" (76 mm)	100
AHS68	1/8" (3.2 mm)	2" (51 mm)	3" (76 mm)	100
AHS64	1/4" (6.3 mm)	2" (51 mm)	3" (76 mm)	100

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

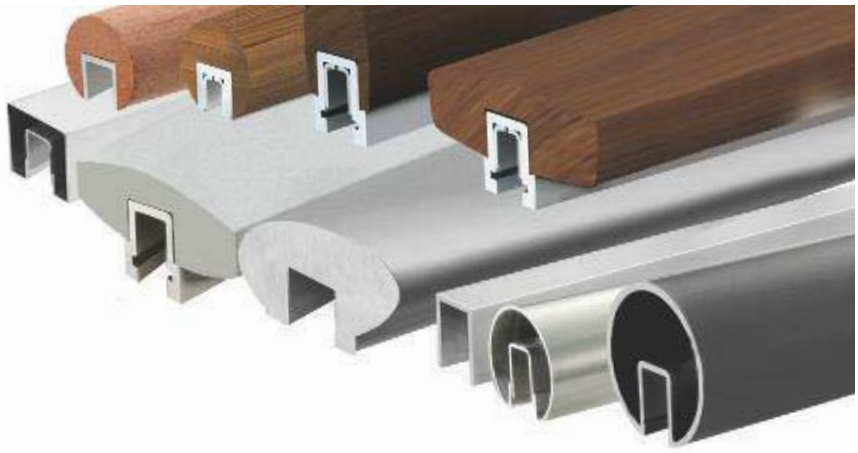
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Cap Rails

USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS

- **Our Ever Expanding Selection Assures the Right Cap Rail for Just About Any Circumstance**
- **A Variety of Sizes and Finishes Available to Accommodate 1/2", 5/8", and 3/4" (12, 16, and 19 mm) Thick Monolithic Tempered Glass**
- **Sizes Also for 9/16", 11/16", 27/32", and 1-1/16" (13.52, 17.52, 21.52, and 25.52 mm) Laminated Tempered Glass**
- **A Full Line of Accessory Parts and Supplies to Complete the Installation**

MORE INFORMATION crlaurence.com



CRL Cap Rails set the standard for quality. We offer a wide range of profiles and sizes for almost any glass railing application. CRL Cap Rails are available in a variety of architectural finishes, and wood types, as well as accessories to complete the installation. See the complete selection at **crlaurence.com/cap-railing**.



Project: Private Residence, Kailua-Kona, HI
System: 2" (51 mm) Wood Cap Railing



Project: Office Building, Los Angeles, CA
System: 1-1/2" (38 mm) Square Cap Railing

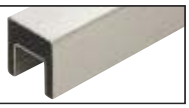


Project: New England Aquarium, Marine Mammal Exhibit, Boston, MA
System: Custom 2" (51 mm) Schedule 40 Cap Railing

CRL Roll Formed Cap Rails for Monolithic Tempered and Laminated Tempered Glass

- For 1/2" to 27/32" (12 to 21.52 mm) Glass
- High Grade Alloy 316 Stainless Steel
- 19'-8" (6 m) Stock Lengths Available in Two Architectural Finishes
- Designed for Interior or Exterior Applications
- Connects to Fabricated Corners and End Caps
- Cut to Size, Custom Fabricated Lengths, and Custom Finishes Available on Special Order

Square Profile Also Available -
Go to **crlaurence.com/cap-railing**



CRL Roll Formed Cap Rails offer a less expensive alternative over our Premium Cap Rails, but still maintain the look and performance required in a glass railing system. Both Cap Rails support a wide range of glass thicknesses by using different Cap Rail Protective Rubber Inserts (see page HR052).

All CRL Roll Formed Cap Rails are made using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splices, corners, and end caps. Use only our specified Roll Formed Cap Railing Connector Sleeves, along with Cat. No. 7649 Primer, and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond at all connections.

NEW!



GRRF15 Series
1-1/2" (38 mm) Cap Rail
for 1/2", 9/16", and 5/8"
(12, 13.52, and 16 mm) Glass



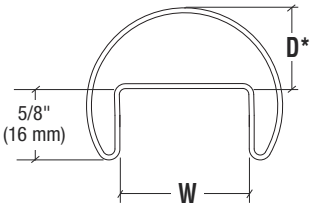
GRRF20 Series
1-7/8" (48 mm) Cap Rail
for 1/2", 9/16", 5/8", 11/16",
and 27/32" (12, 13.52, 16,
17.52, and 21.52 mm) Glass



or



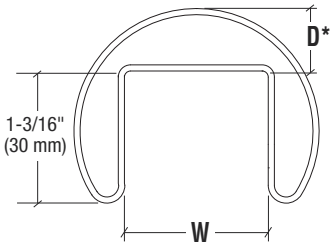
*This dimension is used to calculate the glass size. Add the clearance for Protective Rubber Insert (see page HR052) or desired clearance required.



1-1/2" (38 MM) DIAMETER ROLL FORMED CAP RAIL IN 19' 8" (6 M) LENGTHS FOR 1/2" (12 MM) AND 5/8" (16 MM) TEMPERED MONOLITHIC GLASS AND 9/16" (13.52 MM) LAMINATED TEMPERED GLASS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH	GRADE	THICKNESS	USE SLEEVE NO.
GRRF15BS	Brushed Stainless	7/8" (22 mm)	9/16" (14 mm)	316	.050" (1 mm)	GRRF15CSS
GRRF15PS	Polished Stainless	7/8" (22 mm)	9/16" (14 mm)	316	.050" (1 mm)	GRRF15CSS

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.



1-7/8" (48 MM) DIAMETER ROLL FORMED CAP RAIL IN 19' 8" (6 M) LENGTHS FOR 1/2" (12 MM) AND 5/8" (16 MM) TEMPERED MONOLITHIC GLASS AND 9/16" (13.52 MM), 11/16" (17.52 MM), 27/32" (21.52 MM) LAMINATED TEMPERED GLASS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH	GRADE	THICKNESS	USE SLEEVE NO.
GRRF20BS	Brushed Stainless	1-1/16" (27 mm)	1/2" (13 mm)	316	.050" (1 mm)	GRRF20CSS
GRRF20PS	Polished Stainless	1-1/16" (27 mm)	1/2" (13 mm)	316	.050" (1 mm)	GRRF20CSS

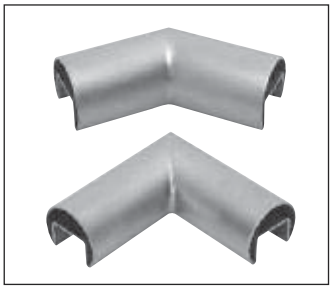
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.

NOTE: CRL Roll Formed Cap Rails, End Caps, Corners, Connecting Sleeves and Rubber Inserts are style specific and cannot be used with any other CRL Cap Railing System.

CRL Roll Formed Cap Rail Accessories

MORE CHOICES crlaurence.com

Corners



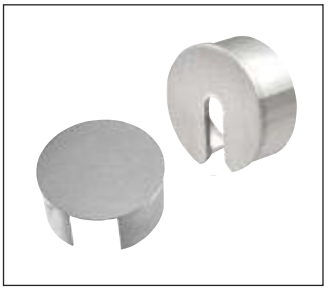
See Page HR053
and online at **crlaurence.com/cap-railing**

Connector Sleeves



See Page HR053

End Caps



See Page HR052

Contact Cement



See Page HR080

CRL End Caps for Roll Formed Cap Rails

NEW! MORE INFORMATION crlaurence.com

- Formed and Shaped to Fit Roll Formed Cap Rails
- High Grade 316 Stainless Steel Alloy
- Two Architectural Finishes

CRL End Caps easily slip into the Roll Formed Cap Rails. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316. Fits CRL Roll Formed Cap Rails Only. Contact CRL Technical Sales for more information.





FOR 1-1/2" (38 MM) DIAMETER GRRF15 SERIES CAP RAILING

CAT. NO.	GRADE	FINISH
GRRF15ECBS	316	Brushed Stainless
GRRF15ECPS	316	Polished Stainless

Minimum order: 1 each. All end caps can be combined for quantity pricing

FOR 1-7/8" (48 MM) DIAMETER GRRF20 SERIES CAP RAILING

CAT. NO.	GRADE	FINISH
GRRF20ECBS	316	Brushed Stainless
GRRF20ECPS	316	Polished Stainless

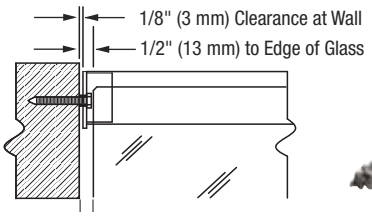
Minimum order: 1 each. All end caps can be combined for quantity pricing

CRL Stabilizing End Caps for Roll Formed Cap Rails

NEW!

- Formed and Shaped to Fit Roll Formed Cap Rails
- High Grade 316 Stainless Steel Alloy
- Two Architectural Finishes

CRL Stabilizing End Caps easily slip into our Roll Formed Cap Rails. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316. Includes: 1/4" (6 mm) x 2" (51 mm) Lag Screw with 1/4" (6 mm) nylon spacer. Fits CRL Roll Formed Cap Rails Only. Contact CRL Technical Sales for more information.





FOR 1-1/2" (38 MM) DIAMETER GRRF15 SERIES CAP RAILING

CAT. NO.	GRADE	FINISH
GRRF15SECBS	316	Brushed Stainless
GRRF15SECPS	316	Polished Stainless

Minimum order: 1 each. All end caps can be combined for quantity pricing

FOR 1-7/8" (48 MM) DIAMETER GRRF20 SERIES CAP RAILING

CAT. NO.	GRADE	FINISH
GRRF20SECBS	316	Brushed Stainless
GRRF20SECPS	316	Polished Stainless

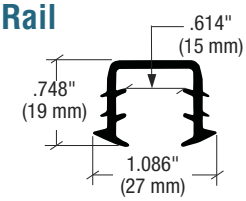
Minimum order: 1 each. All end caps can be combined for quantity pricing

CRL Roll Formed Cap Rail Protective Rubber Inserts

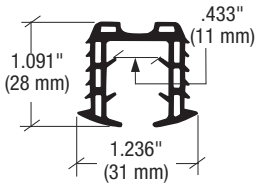
NEW!

- Provides a Secure Fit Between Glass and Cap Rail

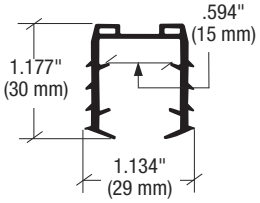
CRL Cap Rail Protective Rubber Inserts are made of a flexible black rubber designed for our Roll Formed Cap Rails when using 1/2", 5/8", and 3/4" (12, 16, and 19 mm) monolithic tempered and 9/16", 11/16", or 27/32" (13.52, 17.52, or 21.52 mm) laminated tempered glass.



CAT. NO. GRRF1515PV



CAT. NO. GRRF2013PV



CAT. NO. GRRF2017PV

FOR 1-1/2" (38 MM) DIAMETER GRRF15 SERIES CAP RAILING

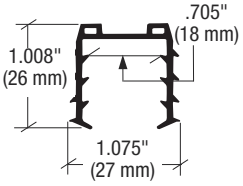
CAT. NO.	USE WITH	ROLL LENGTH
GRRF1515PV	1/2", 5/8" (12 mm, 16 mm) Monolithic and 9/16" (13.52 mm) Laminated Glass	20' (6.1 m)

Minimum order: 1 roll. **NOTE:** For glass deductions go to crlaurence.com/cap-railing.

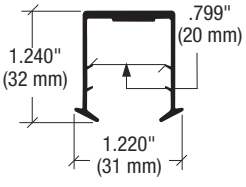
FOR 1-7/8" (48 MM) DIAMETER GRRF20 SERIES CAP RAILING

CAT. NO.	USE WITH	ROLL LENGTH
GRRF2013PV	1/2" (12 mm) Monolithic and 9/16" (13.52 mm) Laminated Glass	20' (6.1 m)
GRRF2017PV	5/8" (16 mm) Monolithic and 11/16" (17.52 mm) Laminated Glass	20' (6.1 m)
GRRF2019PV	3/4" (19 mm) Monolithic Glass	20' (6.1 m)
GRRF2021PV	27/32" (21.52 mm) Laminated Glass	20' (6.1 m)

Minimum order: 1 roll. **NOTE:** For glass deductions go to crlaurence.com/cap-railing.



CAT. NO. GRRF2019PV



CAT. NO. GRRF2021PV

CRL 90 Degree Horizontal Roll Formed Cap Rail Corners

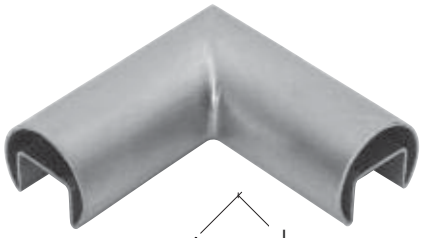
NEW!

- Designed for Interior or Exterior Applications
- High Grade Alloy 316 Stainless Steel
- Welded, Finished, and Ready to Install
- Two Sizes and Architectural Finishes
- Requires Two Connector Sleeves (Not Included)

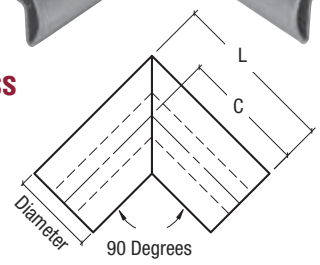


or





- For 1/2" to 27/32" (12 to 21.52 mm) Glass



MORE INFORMATION crlaurence.com

CRL Roll Formed Cap Rail Interior slip-fit Horizontal Corners allow for hairline joint assemblies with straight lengths of CRL Roll Formed Cap Rails only. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement is required to achieve a secure and permanent bond (see page HR080). Two Roll Form Connector Sleeves are required for use with each corner (see below). Not compatiblewith any other CRL GRS Cap Rail System.

FOR 1-1/2" (38 MM) DIAMETER GRRF15 SERIES CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GRRF15HBS	316	Brushed Stainless	L= 3-11/16" (94 mm)
GRRF15HPS	316	Polished Stainless	C= 2-7/8" (73 mm)

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

FOR 1-7/8" (48 MM) DIAMETER GRRF20 SERIES CAP RAILING

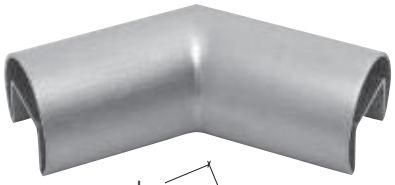
CAT. NO.	GRADE	FINISH	DIMENSIONS
GRRF20HBS	316	Brushed Stainless	L= 3-7/8" (98 mm)
GRRF20HPS	316	Polished Stainless	C= 2-7/8" (73 mm)

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

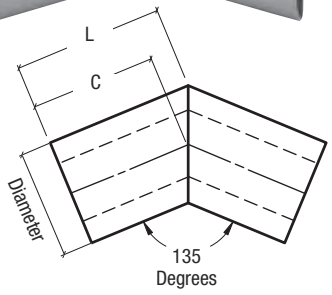
CRL 135 Degree Horizontal Roll Formed Cap Rail Corners

- High Grade Alloy 316 Stainless Steel
- Welded, Finished, and Ready to Install
- Two Sizes and Architectural Finishes
- Requires Two Connector Sleeves (Not Included)

NEW!



- For 1/2" to 27/32" (12 to 21.52 mm) Glass



CRL Roll Formed Cap Rail Interior slip-fit Horizontal Corners allow for hairline joint assemblies with straight lengths of CRL Roll Formed Cap Rails only. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement is required to achieve a secure and permanent bond (see page HR080). Two Roll Form Connector Sleeves are required for use with each corner (see below). Not compatible with any other CRL GRS Cap Rail System.

FOR 1-1/2" (38 MM) DIAMETER GRRF15 SERIES CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GRRF15H3BS	316	Brushed Stainless	L= 2-1/2" (64 mm)
GRRF15H3PS	316	Polished Stainless	C= 2-1/8" (54 mm)

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

FOR 1-7/8" (48 MM) DIAMETER GRRF20 SERIES CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GRRF20H3BS	316	Brushed Stainless	L= 2-5/8" (67 mm)
GRRF20H3PS	316	Polished Stainless	C= 2-1/8" (54 mm)

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

CRL Connector Sleeves for Roll Formed Cap Railings, Cap Rail Corners, and Hand Railings

NEW!

- Formed, Shaped to Fit, and Ready to Install
- Provides Proper Alignment at Splices

CRL Connector Sleeves are used to connect and provide proper alignment between railing splices and railing-to-corner splices. Connector Sleeves are 5" (127 mm) long, and must be compressed to fit inside the Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond.

CAT. NO.	GRADE	FOR USE WITH
GRRF15CSS	316	GRFF15 Series Cap Rails and Corners
GRRF20CSS	316	GRFF20 Series Cap Rails and Corners

Minimum order: 1 each. All sizes can be combined for quantity pricing.



IMPORTANT INSTALLATION NOTE:
Always use Connector Sleeves made of the same metal as the Cap Rail, Cap Rail Corner, or Hand Rail metal to be joined.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Premium Cap Rails for 1/2" or 5/8" (12 or 16 mm) Glass





- **Bump-Formed and Welded 120" (3.05 m) and 168" (4.27 m) Stock Lengths are Available in Seven Diameters From 1-1/2" to 4" (38 to 102 mm)**
- **Cut to Size or Custom Fabricated Lengths Also Available**
- **Four Architectural Finishes**
- **Connects to a Variety of Fabricated Corners and End Caps**
- **For Stainless, Alloy 304 is Standard; Alloy 316 is Available in Two Sizes**
- **For Brass, Alloy C260 is Standard**

CRL's Premium Cap Rails are manufactured using a unique process known as Bump-Forming that ensures accuracy, consistency, and high quality. Unlike roll-formed cap rails, CRL's Bump-Formed Premium Cap Rails do not contain the stress and spring back associated with the roll-formed product. Spot welds on both sides of the channel add strength and stability to the Cap Rail. This results in a Cap Rail with tighter tolerances, consistent radii, and the ability to fit into welded corners without twist or discoloration. Put simply, it means this is the best product in the market place.

All CRL Premium Cap Rails are formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splices, corners, and end caps. The internal channel is welded in place to increase strength and stability for fabrication. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections. Use Connector Sleeves shown on page HR059 to connect Cap Rails.

NOTE: When used with 1/2" (12 mm) glass, Cat. No. GR5PV Cap Rail Vinyl (see page HR056) and 95CBL Silicone (see page HR048) should be used to secure the glass. When used with 5/8" (16 mm) glass, secure with 95CBL Silicone Sealant and Shims. Please contact CRL Technical Sales for more information or for a quote.

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA



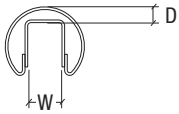
CRL Premium Cap Rails for 1/2" or 5/8" (12 or 16 mm) Glass

MORE INFORMATION crlaurence.com

1-1/2" (38 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO.△ 120" (3.05 M)	CAT. NO.△ 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR15BS	GR15BS14	Brushed Stainless	5/8" (16 mm)	5/16" (8 mm)	304	.050" (1.3 mm)	GR15CSS
GR15BS6	GR15BS146	Brushed Stainless	5/8" (16 mm)	5/16" (8 mm)	316	.050" (1.3 mm)	GR15CSS
GR15PS	GR15PS14	Polished Stainless	5/8" (16 mm)	5/16" (8 mm)	304	.050" (1.3 mm)	GR15CSS
GR15PS6	GR15PS146	Polished Stainless	5/8" (16 mm)	5/16" (8 mm)	316	.050" (1.3 mm)	GR15CSS
GR15PB	GR15PB14	Polished Brass	5/8" (16 mm)	5/16" (8 mm)	C260	.050" (1.3 mm)	GR15CSB
GR15SB	GR15SB14	Satin Brass	5/8" (16 mm)	5/16" (8 mm)	C260	.050" (1.3 mm)	GR15CSB

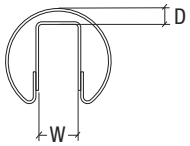
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. △GR15 Series Cap Rail will not accept Cap Rail Vinyl and must be secured using 95CBL silicone and shims.



1.66" (42 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR16BS	GR16BS14	Brushed Stainless	3/4" (19 mm)	1/4" (6 mm)	304	.0625" (1.6 mm)	GR16CSS
GR16PS	GR16PS14	Polished Stainless	3/4" (19 mm)	1/4" (6 mm)	304	.0625" (1.6 mm)	GR16CSS

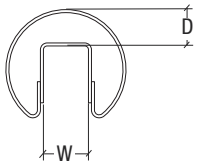
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



2" (51 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR20BS	GR20BS14	Brushed Stainless	3/4" (19 mm)	3/8" (10 mm)	304	.050" (1.3 mm)	GR20CSS
GR20BS6	GR20BS146	Brushed Stainless	3/4" (19 mm)	3/8" (10 mm)	316	.050" (1.3 mm)	GR20CSS
GR20PS	GR20PS14	Polished Stainless	3/4" (19 mm)	3/8" (10 mm)	304	.050" (1.3 mm)	GR20CSS
GR20PS6	GR20PS146	Polished Stainless	3/4" (19 mm)	3/8" (10 mm)	316	.050" (1.3 mm)	GR20CSS
GR20PB	GR20PB14	Polished Brass	3/4" (19 mm)	3/8" (10 mm)	C260	.050" (1.3 mm)	GR20CSB
GR20SB	GR20SB14	Satin Brass	3/4" (19 mm)	3/8" (10 mm)	C260	.050" (1.3 mm)	GR20CSB

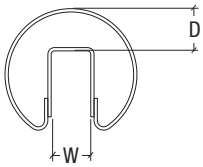
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



2-1/2" (64 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR25BS	GR25BS14	Brushed Stainless	3/4" (19 mm)	7/8" (22 mm)	304	.0625" (1.6 mm)	GR25CSS
GR25PS	GR25PS14	Polished Stainless	3/4" (19 mm)	7/8" (22 mm)	304	.0625" (1.6 mm)	GR25CSS
GR25PB	GR25PB14	Polished Brass	3/4" (19 mm)	7/8" (22 mm)	C260	.0625" (1.6 mm)	GR25CSB
GR25SB	GR25SB14	Satin Brass	3/4" (19 mm)	7/8" (22 mm)	C260	.0625" (1.6 mm)	GR25CSB

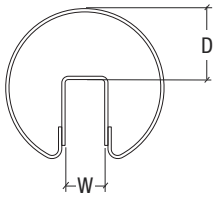
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



3" (76 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR30BS	GR30BS14	Brushed Stainless	3/4" (19 mm)	1-3/8" (35 mm)	304	.0625" (1.6 mm)	GR30CSS
GR30PS	GR30PS14	Polished Stainless	3/4" (19 mm)	1-3/8" (35 mm)	304	.0625" (1.6 mm)	GR30CSS
GR30PB	GR30PB14	Polished Brass	3/4" (19 mm)	1-3/8" (35 mm)	C260	.0625" (1.6 mm)	GR30CSB
GR30SB	GR30SB14	Satin Brass	3/4" (19 mm)	1-3/8" (35 mm)	C260	.0625" (1.6 mm)	GR30CSB

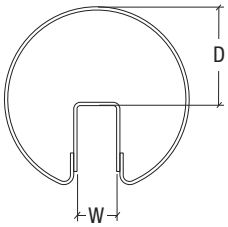
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



3-1/2" (89 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR35BS	GR35BS14	Brushed Stainless	3/4" (19 mm)	1-7/8" (48 mm)	304	.0625" (1.6 mm)	GR35CSS
GR35PS	GR35PS14	Polished Stainless	3/4" (19 mm)	1-7/8" (48 mm)	304	.0625" (1.6 mm)	GR35CSS
GR35PB	GR35PB14	Polished Brass	3/4" (19 mm)	1-7/8" (48 mm)	C260	.0625" (1.6 mm)	GR35CSB
GR35SB	GR35SB14	Satin Brass	3/4" (19 mm)	1-7/8" (48 mm)	C260	.0625" (1.6 mm)	GR35CSB

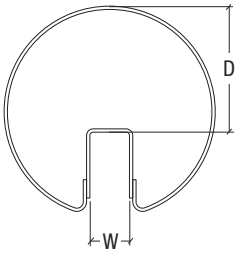
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



4" (102 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR40BS	GR40BS14	Brushed Stainless	3/4" (19 mm)	2-3/8" (60 mm)	304	.0625" (1.6 mm)	GR40CSS
GR40PS	GR40PS14	Polished Stainless	3/4" (19 mm)	2-3/8" (60 mm)	304	.0625" (1.6 mm)	GR40CSS
GR40PB	GR40PB14	Polished Brass	3/4" (19 mm)	2-3/8" (60 mm)	C260	.0625" (1.6 mm)	GR40CSB
GR40SB	GR40SB14	Satin Brass	3/4" (19 mm)	2-3/8" (60 mm)	C260	.0625" (1.6 mm)	GR40CSB

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.
*This dimension is used to calculate the glass size. Add the clearance you desire or allow an additional 1/8" (3 mm) if using Cap Rail Vinyl (see page HR056).



TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Premium Cap Railing End Caps for 1/2" or 5/8" (12 or 16 mm) Glass

- Four Architectural Finishes
- Formed and Shaped to Fit
- Ready to Install





CRL End Caps easily slip into the Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080 is required to achieve a secure and permanent bond. Standard stainless alloy is 316. For brass, alloy C260 is standard. Contact CRL Technical Sales for more information or a quote.

FOR 1-1/2" (38 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR15ECBS	316	20/.035"	Brushed Stainless	GR15BS
GR15ECPS	316	20/.035"	Polished Stainless	GR15PS
GR15ECPB	C260	.045"	Polished Brass	GR15PB
GR15ECSB	C260	.045"	Satin Brass	GR15SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 1.66" (42 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR16ECBS	316	20/.035"	Brushed Stainless	GR16BS
GR16ECPS	316	20/.035"	Polished Stainless	GR16PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2" (51 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR20ECBS	316	20/.035"	Brushed Stainless	GR20BS
GR20ECPS	316	20/.035"	Polished Stainless	GR20PS
GR20ECPB	C260	.045"	Polished Brass	GR20PB
GR20ECSB	C260	.045"	Satin Brass	GR20SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR25ECBS	316	20/.035"	Brushed Stainless	GR25BS
GR25ECPS	316	20/.035"	Polished Stainless	GR25PS
GR25ECPB	C260	.045"	Polished Brass	GR25PB
GR25ECSB	C260	.045"	Satin Brass	GR25SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR30ECBS	316	20/.035"	Brushed Stainless	GR30BS
GR30ECPS	316	20/.035"	Polished Stainless	GR30PS
GR30ECPB	C260	.045"	Polished Brass	GR30PB
GR30ECSB	C260	.045"	Satin Brass	GR30SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3-1/2" (89 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR35ECBS	316	20/.035"	Brushed Stainless	GR35BS
GR35ECPS	316	20/.035"	Polished Stainless	GR35PS
GR35ECPB	C260	.045"	Polished Brass	GR35PB
GR35ECSB	C260	.045"	Satin Brass	GR35SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 4" (102 MM) DIAMETER PREMIUM CAP RAILING

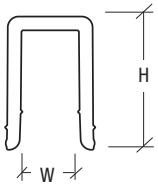
CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR40ECBS	316	20/.035"	Brushed Stainless	GR40BS
GR40ECPS	316	20/.035"	Polished Stainless	GR40PS
GR40ECPB	C260	.045"	Polished Brass	GR40PB
GR40ECSB	C260	.045"	Satin Brass	GR40SB

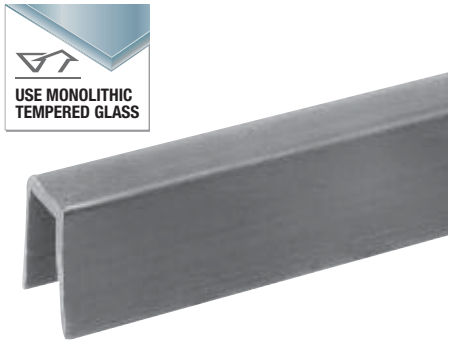
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

MORE INFORMATION crlaurence.com

CRL Cap Rail Rigid Vinyl Inserts

- For Use With 1/2" (12 mm) Glass
- Rigid Black Vinyl Provides Protective Barrier Between Metal Cap and Glass
- Helps to Align Glass Panels During Installation





CRL Cap Rail Rigid Vinyl Inserts should be used with all CRL Cap Rails and U-Channel Caps to provide a protective barrier between metal and glass. The Rigid Vinyl Insert is useful in temporarily aligning the glass panels until the final installation of Cap Rail or U-Channel. Use 95CBL Silicone (see page HR048) to secure the Rigid Vinyl inside the pocket of the Cap Rail and also to the glass.

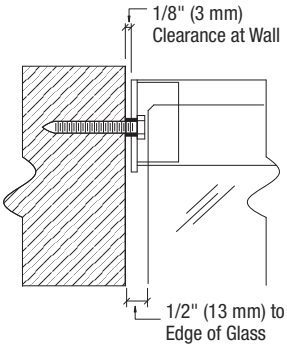
CAT. NO.	FITS	"W" WIDTH	"H" HEIGHT	LENGTH	USE WITH
GR5PV	GR20, GR25, GR30, GR35, and GR40 Series Cap Rails	1/2" (12 mm)	1-3/16" (30 mm)	120" (3.05 m)	1/2" (12 mm) Glass

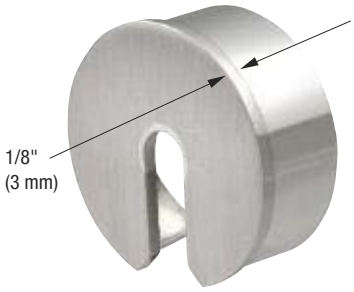
Minimum order: 1 stock length. Sizes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.14 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Premium Cap Railing Stabilizing End Caps for 1/2" or 5/8" (12 or 16 mm) Glass

- Formed and Shaped to Fit
- Ready to Install With Lag Screw
- Four Architectural Finishes







CRL Stabilizing End Caps easily slip into our Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316. For brass, alloy C260 is standard. Includes: 1/4" (6 mm) x 2" (51 mm) Lag Screw with 1/4" (6 mm) Nylon Spacer.

FOR 1-1/2" (38 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR15SECBS	316	Brushed Stainless	GR15BS
GR15SECPS	316	Polished Stainless	GR15PS
GR15SECPB	C260	Polished Brass	GR15PB
GR15SECSB	C260	Satin Brass	GR15SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 1.66" (42 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR16SECBS	316	Brushed Stainless	GR16BS
GR16SECPS	316	Polished Stainless	GR16PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2" (51 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR20SECBS	316	Brushed Stainless	GR20BS
GR20SECPS	316	Polished Stainless	GR20PS
GR20SECPB	C260	Polished Brass	GR20PB
GR20SECSB	C260	Satin Brass	GR20SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR25SECBS	316	Brushed Stainless	GR25BS
GR25SECPS	316	Polished Stainless	GR25PS
GR25SECPB	C260	Polished Brass	GR25PB
GR25SECSB	C260	Satin Brass	GR25SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR30SECBS	316	Brushed Stainless	GR30BS
GR30SECPS	316	Polished Stainless	GR30PS
GR30SECPB	C260	Polished Brass	GR30PB
GR30SECSB	C260	Satin Brass	GR30SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3-1/2" (89 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR35SECBS	316	Brushed Stainless	GR35BS
GR35SECPS	316	Polished Stainless	GR35PS
GR35SECPB	C260	Polished Brass	GR35PB
GR35SECSB	C260	Satin Brass	GR35SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 4" (102 MM) DIAMETER PREMIUM CAP RAILING

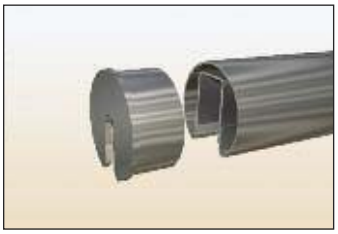
CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR40SECBS	316	Brushed Stainless	GR40BS
GR40SECPS	316	Polished Stainless	GR40PS
GR40SECPB	C260	Polished Brass	GR40PB
GR40SECSB	C260	Satin Brass	GR40SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

MORE INFORMATION crlaurence.com

How Stabilizing End Caps Are Installed:

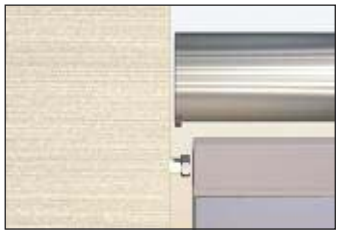
Each Stabilizing End Cap is supplied with a complete set of installation instructions. Also available online at crlaurence.com/cap-railing.



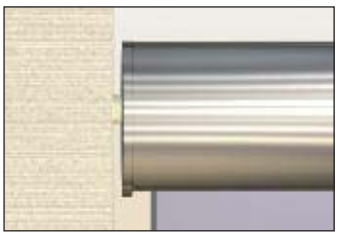
1. Insert Stabilizing End Cap into Cap Rail and secure with Metal Contact Cement.



2. Install Lag Screw with Nylon Spacer at required location on the substrate.



3. Press Cap Rail Assembly over Anchor Bolt and prepared glass, and then apply downward force to secure in place.

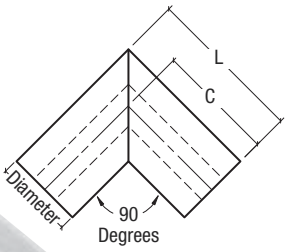


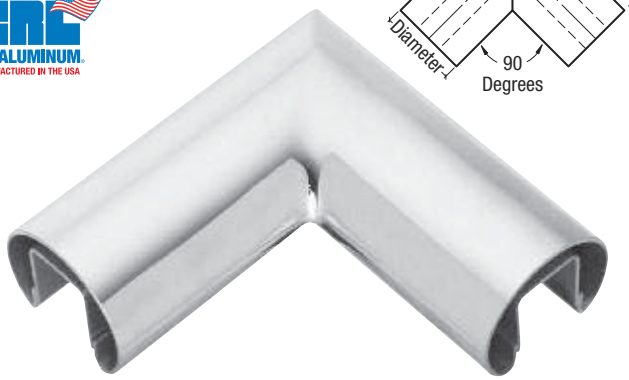
4. Secure Cap Rail to glass using 95CBL Silicone and shims.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Premium Cap Railing 90 Degree Horizontal Corners for 1/2" or 5/8" (12 or 16 mm) Glass

- **Welded, Finished, and Ready to Install**
- **Four Architectural Finishes**
- **Requires Two Connector Sleeves (Not Included)**





Interior slip-fit Horizontal Corners for 1/2" or 5/8" (12 or 16 mm) thick glass allow for hairline joint assemblies with straight lengths of Premium Cap Rail. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Two Connector Sleeves are required for use with each corner (see opposite page).

Each Horizontal Corner is fabricated, finished, and individually packed. All of our stainless and brass corners are fabricated from CRL Premium Cap Rail, and are welded and finished to match. Standard stainless alloy is 304. Stainless alloy 316 is available on special order. For brass, alloy C260 is standard. Please contact CRL Technical Sales for more information or a quote.

NOTE: With the exception of the GR15 Series Cap Rail Corners, when used with 1/2" (12 mm) glass, our GR5PV Cap Rail Vinyl (see page HR056) and 95CBL Silicone (see page HR048) should be used to secure the glass. When using GR15 Series Cap Rail Corners for 5/8" (16 mm) glass, use 95CBL Silicone (see page HR048) and shims only to secure the glass.

FOR 1-1/2" (38 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR15HBS	304	Brushed Stainless	L=3-3/4" (95 mm)
GR15HPS	304	Polished Stainless	C=3" (76 mm)
GR15HPB	C260	Polished Brass	
GR15HSB	C260	Satin Brass	

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 1.66" (42 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR16HBS	304	Brushed Stainless	L=4" (102 mm)
GR16HPS	304	Polished Stainless	C=3-3/16" (81 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2" (51 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR20HBS	304	Brushed Stainless	L=4" (102 mm)
GR20HPS	304	Polished Stainless	C=3" (76 mm)
GR20HPB	C260	Polished Brass	
GR20HSB	C260	Satin Brass	

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR25HBS	304	Brushed Stainless	L=4-1/2" (114 mm)
GR25HPS	304	Polished Stainless	C=3-1/4" (83 mm)
GR25HPB	C260	Polished Brass	
GR25HSB	C260	Satin Brass	

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR30HBS	304	Brushed Stainless	L=5" (127 mm)
GR30HPS	304	Polished Stainless	C=3-1/2" (89 mm)
GR30HPB	C260	Polished Brass	
GR30HSB	C260	Satin Brass	

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3-1/2" (89 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR35HBS	304	Brushed Stainless	L=5-1/2" (140 mm)
GR35HPS	304	Polished Stainless	C=3-3/4" (95 mm)
GR35HPB	C260	Polished Brass	
GR35HSB	C260	Satin Brass	

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 4" (102 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR40HBS	304	Brushed Stainless	L=6" (152 mm)
GR40HPS	304	Polished Stainless	C=4" (102 mm)
GR40HPB	C260	Polished Brass	
GR40HSB	C260	Satin Brass	

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

MORE MODELS crlaurence.com

IMPORTANT INSTALLATION NOTE:
Always use Connector Sleeves made of the same metal as the Cap Rail, Cap Rail Corner, or Hand Rail metal to be joined.

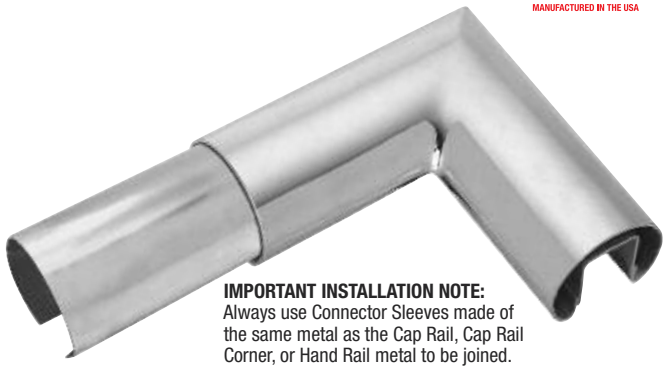


135 Degree Corners also available at
crlaurence.com/cap-railing

CRL Connector Sleeves for Premium Cap Railings, Cap Rail Corners, and Hand Railings

- For 1/2" or 5/8" (12 or 16 mm) Glass Cap Railings
- Formed, Shaped to Fit, and Ready to Install
- Provides Proper Alignment at Splices

CRL Connector Sleeves are used to connect and provide proper alignment between railing splices and railing-to-corner splices. Connector Sleeves are 5" (127 mm) long, and must be compressed to fit inside the Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond.



IMPORTANT INSTALLATION NOTE: Always use Connector Sleeves made of the same metal as the Cap Rail, Cap Rail Corner, or Hand Rail metal to be joined.

FOR 1-1/2" (38 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	1-1/2" (38 MM) FOR USE WITH
GR15CSS	Stainless Steel	GR15BS/GR15PS Cap Rails and all 1-1/2" (38 mm) Stainless Steel Cap Rail Corners. HR15BS/HR15PS 1-1/2" (38 mm) Stainless Steel Hand Rails.
GR15CSB	Brass	GR15PB/GR15SB Cap Rails and all 1-1/2" (38 mm) Brass Cap Rail Corners. HR15PB/HR15SB 1-1/2" (38 mm) Brass Hand Rails.

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.



Stainless Steel

FOR 1.66" (42 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	1.66" (42 MM) FOR USE WITH
GR16CSS	Stainless Steel	GR16BS/GR16PS Cap Rails and all 1.66" (42 mm) Stainless Steel Cap Rail Corners.

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

MORE INFORMATION crlaurence.com

FOR 2" (51 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	2" (51 MM) FOR USE WITH
GR20CSS	Stainless Steel	GR20BS/GR20PS/Cap Rails and all 2" (51 mm) Stainless Steel Cap Rail Corners. HR20BS/HR20PS 2" (51 mm) Stainless Steel Hand Rails.
GR20CSB	Brass	GR20PB/GR20SB Cap Rails and all 2" (51 mm) Brass Cap Rail Corners. HR20PB/HR20SB 2" (51 mm) Brass Hand Rails.

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.



Brass

FOR 2-1/2" (64 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	2-1/2" (64 MM) FOR USE WITH
GR25CSS	Stainless Steel	GR25BS/GR25PS/Cap Rails and all 2-1/2" (64 mm) Stainless Steel Cap Rail Corners.
GR25CSB	Brass	GR25PB/GR25SB/Cap Rails and all 2-1/2" (64 mm) Brass Cap Rail Corners.

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	3" (76 MM) FOR USE WITH
GR30CSS	Stainless Steel	GR30BS/GR30PS/Cap Rails and all 3" (76 mm) Stainless Steel Cap Rail Corners.
GR30CSB	Brass	GR30PB/GR30SB/Cap Rails and all 3" (76 mm) Brass Cap Rail Corners.

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3-1/2" (89 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	3-1/2" (89 MM) FOR USE WITH
GR35CSS	Stainless Steel	GR35BS/GR35PS Cap Rails and all 3-1/2" (89 mm) Stainless Steel Cap Rail Corners.
GR35CSB	Brass	GR35PB/GR35SB Cap Rails and all 3-1/2" (89 mm) Brass Cap Rail Corners.

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 4" (102 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	4" (102 MM) FOR USE WITH
GR40CSS	Stainless Steel	GR40BS/GR40PS Cap Rails and all 4" (102 mm) Stainless Steel Cap Rail Corners.
GR40CSB	Brass	GR40PB/GR40SB Cap Rails and all 4" (102 mm) Brass Cap Rail Corners.

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.



Premium Cap Railing for Laminated Glass is Shown on Pages HR065-HR067

CRL Ready To Install Custom Cap Railing Corners

Because we manufacture our own corners we can custom design and fabricate just about any horizontal or vertical configuration your Cap Railing project requires. Whether you are working with stainless or brass, we can accommodate your needs. Contact CRL Railing Technical Sales for design and ordering assistance, or go to **crlaurence.com/cap-railing**.

CRL US ALUMINUM MANUFACTURED IN THE USA

MORE MODELS crlaurence.com

CRL Custom Angle Vertical Corners for 1/2" or 5/8" (12 or 16 mm) Glass Cap Railings

- Five Architectural Finishes Plus Mill Aluminum
- Requires Two Connector Sleeves (Not Included)

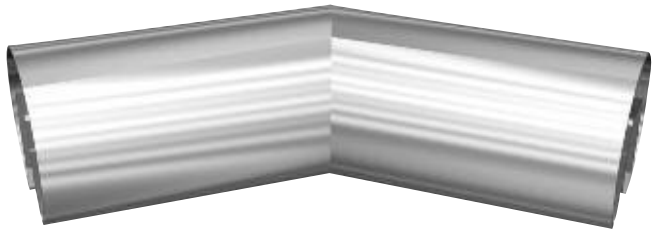


CRL Custom Angle Vertical Corners for 1/2" or 5/8" (12 or 16 mm) Glass Cap Railing can be manufactured to almost any angle the customer requires. Lengths typically match our other corners, but they can be ordered in custom lengths as well. Minimum order is one each.

CAT. NO. GR0VC

CRL Custom Angle Horizontal Corners for 1/2" or 5/8" (12 or 16 mm) Glass Cap Railings

- Five Architectural Finishes Plus Mill Aluminum
- Requires Two Connector Sleeves (Not Included)

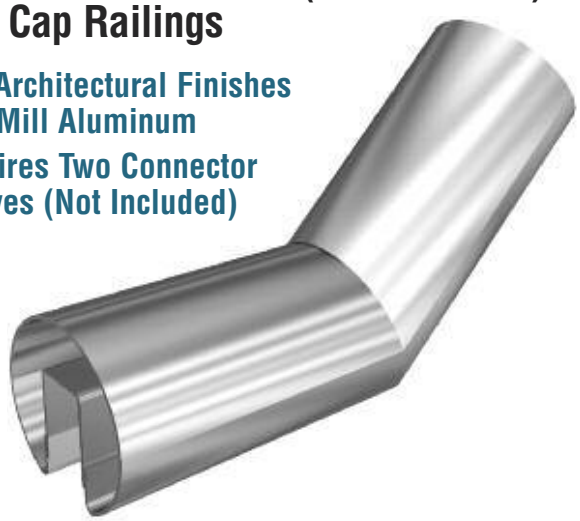


CRL Custom Angle Horizontal Corners for 1/2" or 5/8" (12 or 16 mm) Glass Cap Railing can be manufactured to almost any angle the customer requires. Lengths typically match our other corners, but they can be ordered in custom lengths as well. Minimum order is one each.

CAT. NO. GR0HC

CRL Custom Reverse Angle Vertical Corners for 1/2" or 5/8" (12 or 16 mm) Glass Cap Railings

- Five Architectural Finishes Plus Mill Aluminum
- Requires Two Connector Sleeves (Not Included)



CRL Custom Reverse Angle Vertical Corners for 1/2" or 5/8" (12 or 16 mm) Glass Cap Railing can be manufactured to almost any angle the customer requires. Lengths typically match our other corners, but they can be ordered in custom lengths as well. Minimum order is one each.

CAT. NO. GR0RVC

CRL Long Length Custom Horizontal Corners for 1/2" or 5/8" (12 or 16 mm) Glass Cap Railings

- Five Architectural Finishes Plus Mill Aluminum
- Requires Two Connector Sleeves (Not Included)



CRL Long Length Custom Horizontal Corners for 1/2" or 5/8" (12 or 16 mm) Glass Cap Railing can be manufactured to almost any angle and leg lengths the customer requires. Maximum leg lengths are 118" x 42" (3 x 1.07 m). Minimum order is one each.

CAT. NO. GR0HLC

CRL Premium Cap Rails for 3/4" (19 mm) Glass

- **Bumped-Formed and Welded 120" (3.05 m) and 168" (4.27 m) Stock Lengths are Available in Three Diameters and Four Architectural Finishes**
- **Connect to Fabricated Corners and End Caps**
- **For Stainless, Alloy 304 is Standard; Alloy 316 Available on Special Order**
- **For Brass, Alloy C260 is Standard**



MORE INFORMATION crlaurence.com

All CRL Premium Cap Railings are formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splices, corners, and end caps. The internal channel is spot welded in place every 6" (152 mm) on both sides to increase strength and stability. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond at all connections.

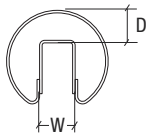
Use Connector Sleeves shown on page HR064 to connect Cap Rails. Stainless alloy 304 is standard; Stainless alloy 316 is available on special order. For Brass, alloy C260 is standard. Please contact CRL Railing Technical Sales for more information or for a quote.

NOTE: When using GR207, GR257, and GR307 Series Cap Rails, Cat. No. GR7PV Cap Rail Vinyl (see page HR064) and 95CBL Silicone (see page HR048) should be used to secure the glass.

2" (51 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR207BS	GR207BS14	Brushed Stainless	1" (25 mm)	3/8" (10 mm)	304	.050" (1.3 mm)	GR20CSS
GR207PS	GR207PS14	Polished Stainless	1" (25 mm)	3/8" (10 mm)	304	.050" (1.3 mm)	GR20CSS
GR207PB	GR207PB14	Polished Brass	1" (25 mm)	3/8" (10 mm)	C260	.050" (1.3 mm)	GR20CSB
GR207SB	GR207SB14	Satin Brass	1" (25 mm)	3/8" (10 mm)	C260	.050" (1.3 mm)	GR20CSB

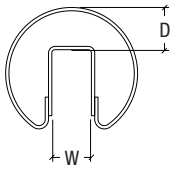
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



2-1/2" (64 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR257BS	GR257BS14	Brushed Stainless	1" (25 mm)	7/8" (22 mm)	304	.0625" (1.6 mm)	GR25CSS
GR257PS	GR257PS14	Polished Stainless	1" (25 mm)	7/8" (22 mm)	304	.0625" (1.6 mm)	GR25CSS
GR257PB	GR257PB14	Polished Brass	1" (25 mm)	7/8" (22 mm)	C260	.0625" (1.6 mm)	GR25CSB
GR257SB	GR257SB14	Satin Brass	1" (25 mm)	7/8" (22 mm)	C260	.0625" (1.6 mm)	GR25CSB

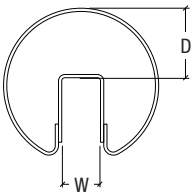
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



3" (76 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

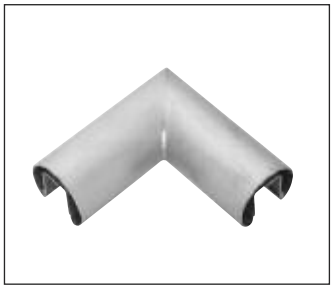
CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR307BS	GR307BS14	Brushed Stainless	1" (25 mm)	1-3/8" (35 mm)	304	.0625" (1.6 mm)	GR30CSS
GR307PS	GR307PS14	Polished Stainless	1" (25 mm)	1-3/8" (35 mm)	304	.0625" (1.6 mm)	GR30CSS
GR307PB	GR307PB14	Polished Brass	1" (25 mm)	1-3/8" (35 mm)	C260	.0625" (1.6 mm)	GR30CSB
GR307SB	GR307SB14	Satin Brass	1" (25 mm)	1-3/8" (35 mm)	C260	.0625" (1.6 mm)	GR30CSB

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.
*This dimension is used to calculate the glass size. Add the clearance you desire or allow an additional 1/8" (3 mm) if using Cap Rail Vinyl (see page HR064).



CRL Premium Cap Rail Accessories for 3/4" (19 mm) Glass

Corners



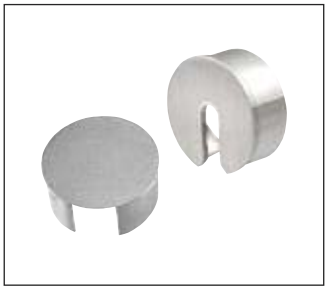
See Page HR063

Connector Sleeves



See Page HR064

End Caps



See Page HR062

Contact Cement



See Page HR080

CRL Premium Cap Railing End Caps for 3/4" (19 mm) Glass

- Four Architectural Finishes
- Formed and Shaped to Fit
- Ready to Install





CRL End Caps easily slip into the Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316. For brass, alloy C260 is standard. Contact CRL Technical Sales for more information or a quote.

FOR 2" (51 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR20ECBS	316	20/.035"	Brushed Stainless	GR207BS
GR20ECPS	316	20/.035"	Polished Stainless	GR207PS
GR20ECPB	C260	.045"	Polished Brass	GR207PB
GR20ECSB	C260	.045"	Satin Brass	GR207SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR25ECBS	316	20/.035"	Brushed Stainless	GR257BS
GR25ECPS	316	20/.035"	Polished Stainless	GR257PS
GR25ECPB	C260	.045"	Polished Brass	GR257PB
GR25ECSB	C260	.045"	Satin Brass	GR257SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER PREMIUM CAP RAILING

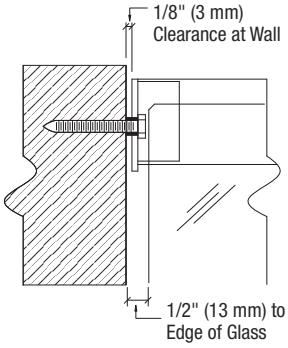
CAT. NO.	GRADE	GA./THK.	FINISH	FITS CAP RAIL NO.
GR30ECBS	316	20/.035"	Brushed Stainless	GR307BS
GR30ECPS	316	20/.035"	Polished Stainless	GR307PS
GR30ECPB	C260	.045"	Polished Brass	GR307PB
GR30ECSB	C260	.045"	Satin Brass	GR307SB

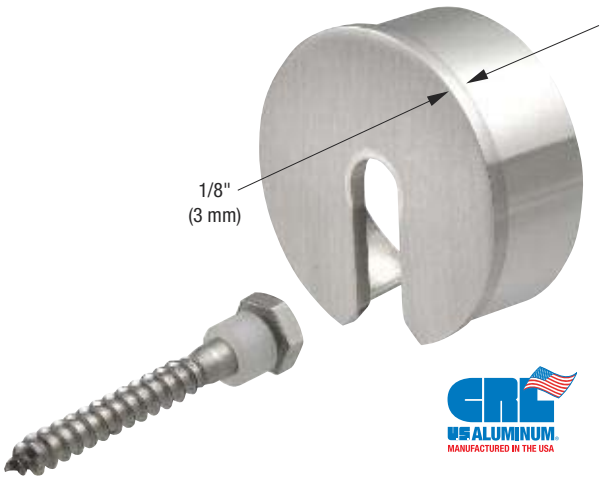
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Premium Cap Railing Stabilizing End Caps for Premium 3/4" (19 mm) Glass

- Formed and Shaped to Fit
- Ready to Install With Lag Screw
- Four Architectural Finishes

MORE INFORMATION crlaurence.com





CRL Stabilizing End Caps easily slip into our Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316. For brass, alloy C260 is standard. Includes: 1/4" (6 mm) x 2" (51 mm) Lag Screw with 1/4" (6 mm) Nylon Spacer.

FOR 2" (51 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR20SECBS	316	Brushed Stainless	GR207BS
GR20SECPS	316	Polished Stainless	GR207PS
GR20SECPB	C260	Polished Brass	GR207PB
GR20SECSB	C260	Satin Brass	GR207SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR25SECBS	316	Brushed Stainless	GR257BS
GR25SECPS	316	Polished Stainless	GR257PS
GR25SECPB	C260	Polished Brass	GR257PB
GR25SECSB	C260	Satin Brass	GR257SB

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR30SECBS	316	Brushed Stainless	GR307BS
GR30SECPS	316	Polished Stainless	GR307PS
GR30SECPB	C260	Polished Brass	GR307PB
GR30SECSB	C260	Satin Brass	GR307SB

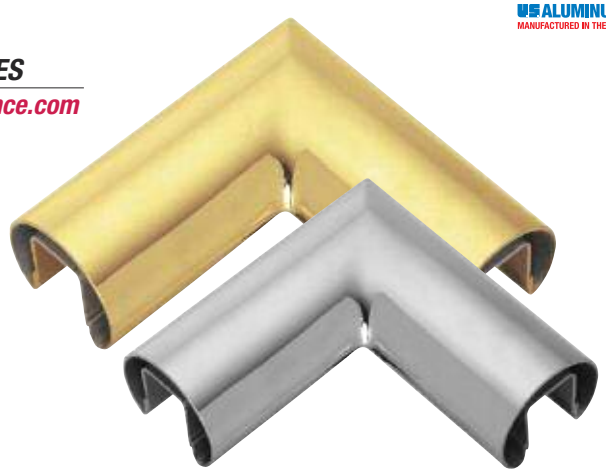
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Premium Cap Railing 90 Degree Horizontal Corners for 3/4" (19 mm) Glass

- Ready to Install
- Variety of Architectural Finishes
- Requires Two Connector Sleeves (Not Included)

MORE CHOICES crlaurence.com



Interior slip-fit Horizontal Corners for 3/4" (19 mm) thick glass allow for hairline joint assemblies with straight lengths of Premium Cap Rail. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Two Connector Sleeves are required for use with each corner (see page HR064).

Each Horizontal Corner is fabricated, finished, and individually packed. All of our stainless and brass corners are fabricated from CRL Premium Cap Rail, and are welded and finished to match. Standard stainless alloy is 304. Stainless alloy 316 is available on special order. For brass, alloy C260 is standard. Please contact CRL Technical Sales for more information or a quote.

NOTE: Our GR7PV Cap Rail Vinyl (see page HR064) and 95CBL Silicone (see page HR048) should be used to secure the glass.

FOR 2" (51 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR207HBS	304	Brushed Stainless	L=4" (102 mm)
GR207HPS	304	Polished Stainless	C=3" (76 mm)
GR207HPB	C260	Polished Brass	
GR207HSB	C260	Satin Brass	

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR257HBS	304	Brushed Stainless	L=4-1/2" (114 mm)
GR257HPS	304	Polished Stainless	C=3-1/4" (83 mm)
GR257HPB	C260	Polished Brass	
GR257HSB	C260	Satin Brass	

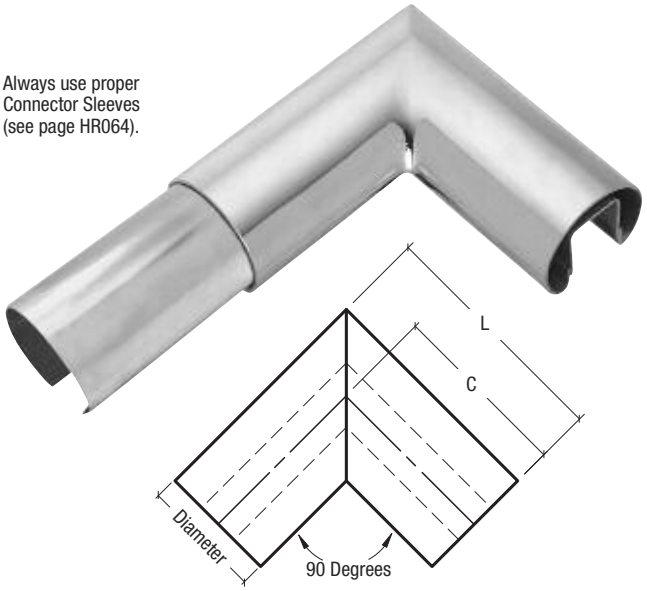
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR307HBS	304	Brushed Stainless	L=5" (127 mm)
GR307HPS	304	Polished Stainless	C=3-1/2" (89 mm)
GR307HPB	C260	Polished Brass	
GR307HSB	C260	Satin Brass	

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

Always use proper Connector Sleeves (see page HR064).



CRL Custom Corners for 3/4" (19 mm) Glass Cap Railings

- Ready to Install
- Manufactured to Your Specifications
- Available in Brushed and Polished Stainless
- Requires Two Connector Sleeves (Not Included)
- Specify Finish When Ordering



CAT. NO. GR07CVC
Custom compound angle vertical corner for 3/4" (19 mm) Glass Cap Railing. Minimum order is one each.



CAT. NO. GR07VLC
Long length custom vertical corner for 3/4" (19 mm) Glass Cap Railings. Minimum order is one each.

CRL Connector Sleeves for Premium Cap Railings, Cap Rail Corners, and Hand Railings

MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com

- For 3/4" (19 mm) Glass Cap Railings
- Formed, Shaped to Fit, and Ready to Install
- Provides Proper Alignment at Splices

CRL Connector Sleeves are used to connect and provide proper alignment between railing splices and railing-to-corner splices. Connector Sleeves are 5" (127 mm) long, and must be compressed to fit inside the Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond.



IMPORTANT INSTALLATION NOTE:
Always use Connector Sleeves made of the same metal as the Cap Rail, Cap Rail Corner, or Hand Rail metal to be joined.

FOR 2" (51 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	2" (51 MM) FOR USE WITH
GR20CSS	Stainless Steel	GR207BS/GR207PS Cap Rails and all 2" (51 mm) Stainless Steel Cap Rail Corners. HR20BS/HR20PS 2" (51 mm) Stainless Steel Hand Rails.
GR20CSB	Brass	GR207PB/GR207SB Cap Rails and all 2" (51 mm) Brass Cap Rail Corners. HR20PB/HR20SB 2" (51 mm) Brass Hand Rails.

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

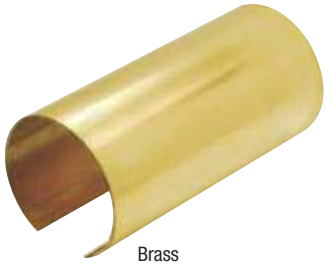


Stainless Steel

FOR 2-1/2" (64 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	2-1/2" (64 MM) FOR USE WITH
GR25CSS	Stainless Steel	GR257BS/GR257PS Cap Rails and all 2-1/2" (64 mm) Stainless Steel Cap Rail Corners.
GR25CSB	Brass	GR257PB/GR257SB Cap Rails and all 2-1/2" (64 mm) Brass Cap Rail Corners.

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.



Brass

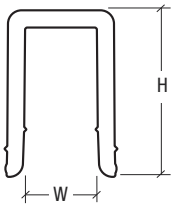
FOR 3" (76 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	3" (76 MM) FOR USE WITH
GR30CSS	Stainless Steel	GR307BS/GR307PS Cap Rails and all 3" (76 mm) Stainless Steel Cap Rail Corners.
GR30CSB	Brass	GR307PB/GR307SB Cap Rails and all 3" (76 mm) Brass Cap Rail Corners.

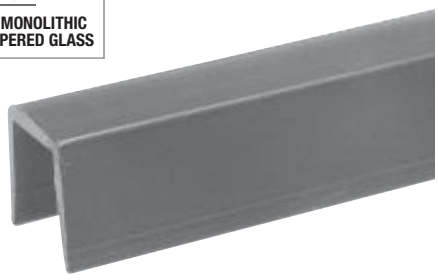
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Cap Rail Rigid Vinyl Inserts

- For Use With 3/4" (19 mm) Glass
- Rigid Black Vinyl Provides Protective Barrier Between Metal Cap and Glass
- Helps to Align Glass Panels During Installation







CRL Cap Rail Rigid Vinyl Inserts should be used with all CRL Cap Rails and U-Channel Caps to provide a protective barrier between metal and glass. The Rigid Vinyl Insert is useful in temporarily aligning the glass panels until the final installation of Cap Rail or U-Channel. Use 95CBL Silicone (see page HR048) to secure the Rigid Vinyl inside the pocket of the Cap Rail and also to the glass.

CAT. NO.	FITS	"W" WIDTH	"H" HEIGHT	LENGTH	USE WITH
GR7PV	GR207, GR257, GR307 Series Cap Rails; GRUC7 Series U-Channel Caps	3/4" (19 mm)	1-3/16" (30 mm)	120" (3.05 m)	3/4" (19 mm) Glass

Minimum order: 1 stock length. Sizes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.14 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Premium Cap Rails for 27/32" (21.52 mm) and 1-1/16" (25.52 mm) Laminated Glass

CRL US ALUMINUM MANUFACTURED IN THE USA

USE LAMINATED TEMPERED GLASS

MORE INFORMATION crlaurence.com

- Bump-Formed and Welded 118-1/8" (3 m) Stock Lengths are Available in Two Diameters and Four Architectural Finishes
- Connect to Fabricated Corners and End Caps
- Cut to Size or Custom Fabricated Lengths
- For Stainless, Alloy 316 is Standard



All CRL Premium Cap Rails for Laminated Glass are formed using precision tooling to maintain uniform profiles, allowing for smooth hairline transitions at splices, corners, and end caps. The internal channel is spot welded in place every 6" (152 mm) on both sides to increase strength and stability. Both Cap Rails support 27/32" (21.52 mm) and 1-1/16" (25.52 mm) laminated glass thicknesses by using CRL Protective Rubber Inserts (see page HR066).

2" (51 MM) DIAMETER PREMIUM CAP RAIL IN 118-1/8" (3 M) LENGTHS

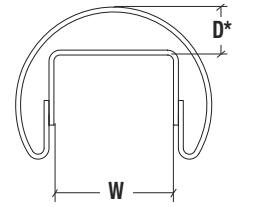
CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
LR20BS	Brushed Stainless	1-1/4" (32 mm)	1/2" (13 mm)	316	.050" (1.3 mm)	L20CSS
LR20PS	Polished Stainless	1-1/4" (32 mm)	1/2" (13 mm)	316	.050" (1.3 mm)	L20CSS
LR20PB	Polished Brass	1-1/4" (32 mm)	1/2" (13 mm)	C260	.050" (1.3 mm)	L20CSB
LR20SB	Satin Brass	1-1/4" (32 mm)	1/2" (13 mm)	C260	.050" (1.3 mm)	L20CSB

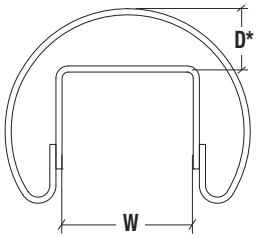
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

2-1/2" (64 MM) DIAMETER PREMIUM CAP RAIL IN 118-1/8" (3 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
LR25BS	Brushed Stainless	1-1/4" (32 mm)	5/8" (16 mm)	316	.050" (1.3 mm)	L25CSS
LR25PS	Polished Stainless	1-1/4" (32 mm)	5/8" (16 mm)	316	.050" (1.3 mm)	L25CSS
LR25PB	Polished Brass	1-1/4" (32 mm)	5/8" (16 mm)	C260	.050" (1.3 mm)	L25CSB
LR26SB	Satin Brass	1-1/4" (32 mm)	5/8" (16 mm)	C260	.050" (1.3 mm)	L25CSB

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.





* This dimension is used to calculate the glass size. Add the clearance you desire or add an additional 1/8" (3 mm) if using Cap Rail Rubber Insert (see page HR066).

CRL Premium Cap Rail Accessories for Laminated Glass

Corners



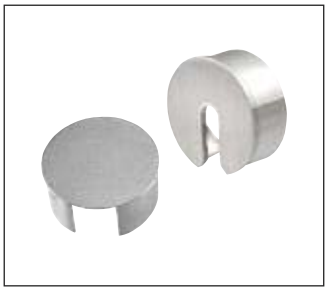
See Page HR067

Connector Sleeves



See Page HR067

End Caps



See Page HR066

Contact Cement



See Page HR080

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Premium Cap Railing End Caps for 27/32" (21.52 mm) and 1-1/16" (25.52 mm) Laminated Glass

- Formed and Shaped to Fit
- Ready to Install



This CRL End Cap easily slips into the Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316. Alloy C260 is standard for brass.

CAT. NO. FOR 2" (51 MM)	CAT. NO. FOR 2-1/2" (64 MM)	GRADE	FINISH
LR20ECBS	LR25ECBS	316	Brushed Stainless
LR20ECPS	LR25ECPS	316	Polished Stainless
LR20ECPB	LR25ECPB	C260	Polished Brass
LR20ECSB	LR25ECSB	C260	Satin Brass

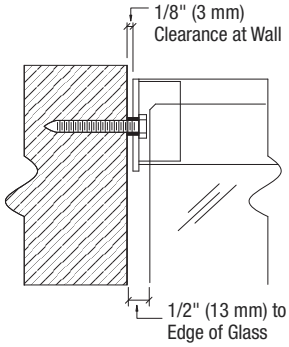
Minimum order: 1 each. All End Caps can be combined for quantity pricing.

CRL Premium Cap Railing Stabilizing End Caps for 27/32" (21.52 mm) and 1-1/16" (25.52 mm) Laminated Glass

- Formed and Shaped to Fit Cap Railing
- Ready to Install With Lag Screw

MORE INFORMATION crlaurence.com





CRL Stabilizing End Caps easily slip into our Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316. For brass alloy C260 is standard. Includes 1/4" (6 mm) x 2" (51 mm) Lag Screw with 1/4" (6 mm) Nylon Spacer.

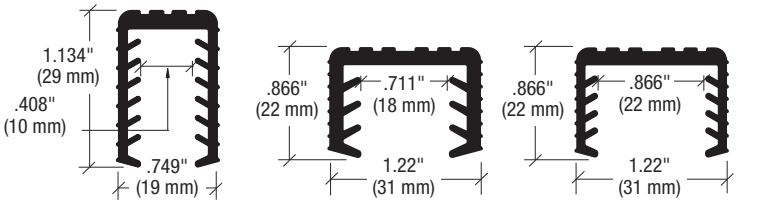
CAT. NO. FOR 2" (51 MM)	CAT. NO. FOR 2-1/2" (64 MM)	GRADE	FINISH
LR20SECBS	LR25SECBS	316	Brushed Stainless
LR20SECPS	LR25SECPS	316	Polished Stainless
LR20SECPB	LR25SECPB	C260	Polished Brass
LR20SECSB	LR25SECSB	C260	Satin Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.

CRL Cap Rail Rubber Inserts

- Provides Secure Fit Between Glass and Cap Rail



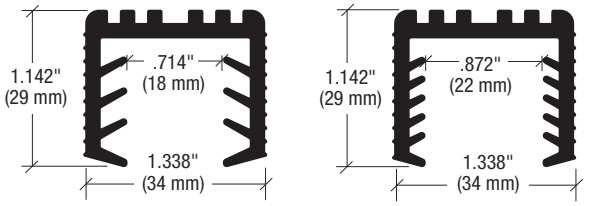


CAT. NO. LR56PV CAT. NO. LR21PV CAT. NO. LR22PV

CRL Cap Rail Rubber Inserts are made of a flexible black rubber designed for our Cap Rails when using 9/16", 11/16", 27/32", or 1-1/16" (13.52, 17.52, 21.52, or 25.52 mm) laminated glass.
NOTE: For glass deductions go to **crlaurence.com/cap-railing**.

CAT. NO.	FITS CAP RAILS	USE WITH LAMINATED	ROLL LENGTH
LR56PV	GR19, GR20, GR25, GR30, GR35, GR40, GR0V4 Series	9/16" (13.52 mm) Glass	100' (30.5 m)
LR21PV	LR20 Series	27/32" (21.52 mm) Glass	100' (30.5 m)
LR22PV	LR20 Series	1-1/16" (25.52 mm) Glass	100' (30.5 m)
LR251PV	LR25 Series	27/32" (21.52 mm) Glass	100' (30.5 m)
LR252PV	LR25 Series	1-1/16" (25.52 mm) Glass	100' (30.5 m)

Minimum order: 1 roll.



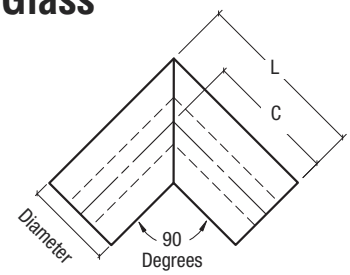
CAT. NO. LR251PV CAT. NO. LR252PV

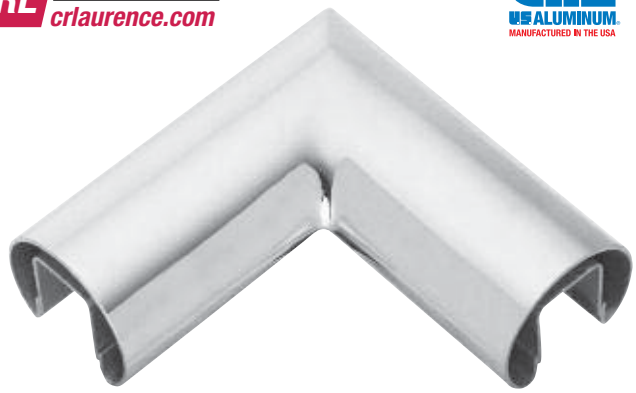
CRL Premium Cap Railing 90 Degree Horizontal Corners for 27/32" (21.52 mm) and 1-1/16" (25.52 mm) Laminated Glass

MORE CHOICES crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

- Welded and Finished
- Four Architectural Finishes
- Ready to Install
- Requires Two Connector Sleeves (Not Included)





FOR 2" (51 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
L20HBS	316	Brushed Stainless	L = 4" (102 mm)
L20HPS	316	Polished Stainless	C = 3" (76 mm)
L20HPB	C260	Polished Brass	
L20HSB	C260	Satin Brass	

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER PREMIUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
L25HBS	316	Brushed Stainless	L = 4-1/2" (114 mm)
L25HPS	316	Polished Stainless	C = 3-1/4" (83 mm)
L25HPB	C260	Polished Brass	
L25HSB	C260	Satin Brass	

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

This CRL slip-fit Horizontal Corner for 27/32" (21.52 mm) or 1-1/16" (25.52 mm) thick laminated glass allows for hairline joint assemblies with straight lengths of Premium Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Two Connector Sleeves are required for use with each Corner.



Always use proper Connector Sleeves (See below).



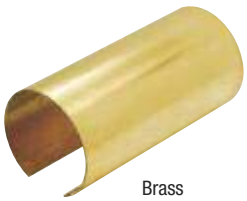
CRL Connector Sleeves for Premium Laminated Cap Railings and Cap Rail Corners

CRL US ALUMINUM MANUFACTURED IN THE USA

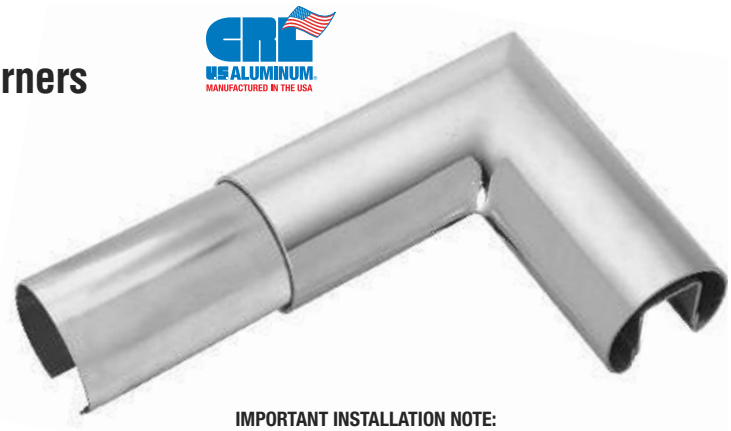
- Formed and Shaped to Fit
- Ready to Install
- Provide Proper Alignment at Splices



Stainless Steel



Brass



IMPORTANT INSTALLATION NOTE:
Always use Connector Sleeves made of the same metal as the Cap Rail, Cap Rail Corner, or Hand Rail metal to be joined.

CRL Laminated Cap Railing Connector Sleeves are used to connect and provide proper alignment between railing splices and rail-to-center splices. Connector Sleeves are 5" (127 mm) long, and must be compressed to fit inside the Cap Railing.

CAT. NO.	MATERIAL	FOR USE WITH
L20CSS	Stainless Steel	2" (51 mm) LR20 Cap Railing and Corners
L25CSS	Stainless Steel	2-1/2" (64 mm) LR25 Cap Railing and Corners
L20CSB	Brass	2" (51 mm) LR20 Cap Railing and Corners
L25CSB	Brass	2-1/2" (64 mm) LR25 Cap Railing and Corners

Minimum order: 1 each. All Connector Sleeves can be combined for quantity pricing.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Extruded Aluminum Cap Rails

- **Available for 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass and 9/16" (13.52 mm) Laminated Glass**
- **Connects to a Variety of Fabricated Corners and End Caps**
- **Custom Shapes and Sizes Available**

CRL Extruded Aluminum Cap Rails are extruded from alloy 6063-T6, which is suitable for custom finishes such as anodizing, powder coating, etc. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections. Use Connector Sleeves shown on pages HR070 and HR071 to connect Cap Rails.

NOTE: Cat. No. GR5PV Cap Rail Vinyl (see opposite page) and 95CBL Silicone (see page HR048) should be used to secure 1/2" (12 mm) tempered glass; Cat. No. LR56PV Cap Rail Rubber Insert (see page HR066) and 95CBL should be used to secure 9/16" (13.52 mm) laminated glass; Cat. No. 95CBL Silicone and shims should be used to secure 5/8" (16 mm) tempered glass; Cat. No. GR7PV Cap Rail Vinyl (see opposite page) and 95CBL Silicone should be used to secure 3/4" (19 mm) tempered glass.



or





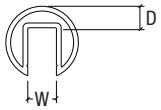
MORE INFORMATION crlaurence.com

For 1/2" (12 mm), 9/16" (13.52 mm) or 5/8" (16 mm) Glass

1.9" (48 MM) DIAMETER EXTRUDED ALUMINUM CAP RAIL IN 240" (6.10 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR19M	Mill Aluminum	3/4" (19 mm)	9/16" (14 mm)	6063-T6	.125" (3 mm)	GR19CSM
GR19SA	Satin Anodized	3/4" (19 mm)	9/16" (14 mm)	6063-T6	.125" (3 mm)	GR19CSM
GR19DU	Dark Bronze Anodized	3/4" (19 mm)	9/16" (14 mm)	6063-T6	.125" (3 mm)	GR19CSM

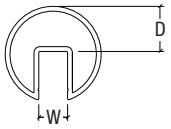
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



2-1/2" (64 MM) DIAMETER EXTRUDED ALUMINUM CAP RAIL IN 240" (6.10 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR25M	Mill Aluminum	3/4" (19 mm)	1-3/16" (30 mm)	6063-T6	.125" (3 mm)	GR25CSM
GR25SA	Satin Anodized	3/4" (19 mm)	1-3/16" (30 mm)	6063-T6	.125" (3 mm)	GR25CSM
GR25DU	Dark Bronze Anodized	3/4" (19 mm)	1-3/16" (30 mm)	6063-T6	.125" (3 mm)	GR25CSM

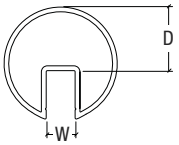
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.



3" (76 MM) DIAMETER EXTRUDED ALUMINUM CAP RAIL IN 240" (6.10 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR30M	Mill Aluminum	3/4" (19 mm)	1-11/16" (43 mm)	6063-T6	.125" (3 mm)	GR30CSM
GR30SA	Satin Anodized	3/4" (19 mm)	1-11/16" (43 mm)	6063-T6	.125" (3 mm)	GR30CSM
GR30DU	Dark Bronze Anodized	3/4" (19 mm)	1-11/16" (43 mm)	6063-T6	.125" (3 mm)	GR30CSM

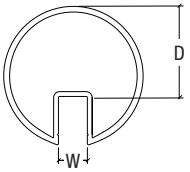
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.



3-1/2" (89 MM) DIAMETER EXTRUDED ALUMINUM CAP RAIL IN 240" (6.10 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR35M	Mill Aluminum	3/4" (19 mm)	2-3/16" (56 mm)	6063-T6	.125" (3 mm)	GR35CSM
GR35SA	Satin Anodized	3/4" (19 mm)	2-3/16" (56 mm)	6063-T6	.125" (3 mm)	GR35CSM
GR35DU	Dark Bronze Anodized	3/4" (19 mm)	2-3/16" (56 mm)	6063-T6	.125" (3 mm)	GR35CSM

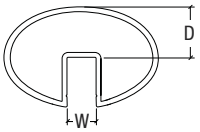
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.



4" X 2-1/2" (102 X 64 MM) OVAL EXTRUDED ALUMINUM CAP RAIL IN 240" (6.10 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR0V4M	Mill Aluminum	3/4" (19 mm)	1-1/4" (31 mm)	6063-T6	.125" (3 mm)	GR0V4CSM
GR0V4SA	Satin Anodized	3/4" (19 mm)	1-1/4" (31 mm)	6063-T6	.125" (3 mm)	GR0V4CSM
GR0V4DU	Dark Bronze Anodized	3/4" (19 mm)	1-1/4" (31 mm)	6063-T6	.125" (3 mm)	GR0V4CSM

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.
*This dimension is used to calculate the glass size. Add the clearance you desire or allow an additional 1/8" (3 mm) if using Cap Rail Rigid Vinyl Insert (see next page).

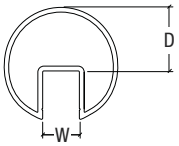


For 3/4" (19 mm) Glass

3" (76 MM) DIAMETER EXTRUDED ALUMINUM CAP RAIL IN 240" (6.10 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR307M	Mill Aluminum	1" (25 mm)	1-11/16" (43 mm)	6063-T6	.125" (3 mm)	GR30CSM
GR307SA	Satin Anodized	1" (25 mm)	1-11/16" (43 mm)	6063-T6	.125" (3 mm)	GR30CSM
GR307DU	Dark Bronze Anodized	1" (25 mm)	1-11/16" (43 mm)	6063-T6	.125" (3 mm)	GR30CSM

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.
*This dimension is used to calculate the glass size. Add the clearance you desire or allow an additional 1/8" (3 mm) if using Cap Rail Rigid Vinyl Insert (see next page).



CRL End Caps for Extruded Aluminum Cap Railing

- Available in Three Finishes
- Formed and Shaped to Fit
- Ready to Install



CRL End Caps easily slip into the Aluminum Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond.

FOR 1.9" (48 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR19ECM	6063-T6	Mill Aluminum	GR19M
GR19ECSA	6063-T6	Satin Anodized	GR19SA
GR19ECDU	6063-T6	Duranodic Bronze	GR19DU

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR25ECM	6063-T6	Mill Aluminum	GR25M
GR25ECSA	6063-T6	Satin Anodized	GR25SA
GR25ECDU	6063-T6	Duranodic Bronze	GR25DU

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR30ECM	6063-T6	Mill Aluminum	GR30M
GR30ECSA	6063-T6	Satin Anodized	GR30SA
GR30ECDU	6063-T6	Duranodic Bronze	GR30DU

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

MORE INFORMATION crlaurence.com

FOR 3-1/2" (89 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR35ECM	6063-T6	Mill Aluminum	GR35M
GR35ECSA	6063-T6	Satin Anodized	GR35SA
GR35ECDU	6063-T6	Duranodic Bronze	GR35DU

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

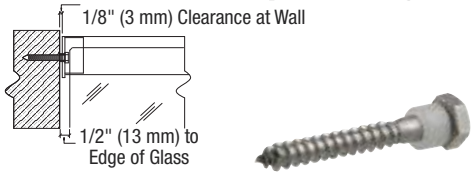
FOR 4" X 2-1/2" (102 X 64 MM) OVAL ALUMINUM CAP RAILING

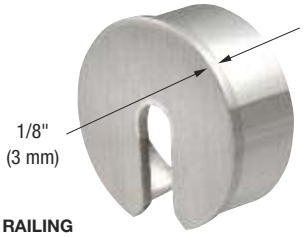
CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR0V4ECM	6063-T6	Mill Aluminum	GR0V4M
GR0V4ECSA	6063-T6	Satin Anodized	GR0V4SA
GR0V4ECDU	6063-T6	Duranodic Bronze	GR0V4DU

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Stabilizing End Caps for Extruded Aluminum Cap Railing

- Available in Three Finishes
- Formed and Shaped to Fit
- Ready to Install





CRL Stabilizing End Caps easily slip into our Aluminum Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Includes: 1/4" (6 mm) x 2" (51 mm) Lag Screw with 1/4" (6 mm) Nylon Spacer. **NOTE:** Each Stabilizing End Cap is supplied with a set of installation instructions.

FOR 1.9" (48 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR19SECM	6063-T6	Mill Aluminum	GR19M
GR19SECSA	6063-T6	Satin Anodized	GR19SA
GR19SECDU	6063-T6	Duranodic Bronze	GR19DU

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR25SECM	6063-T6	Mill Aluminum	GR25M
GR25SECSA	6063-T6	Satin Anodized	GR25SA
GR25SECDU	6063-T6	Duranodic Bronze	GR25DU

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR30SECM	6063-T6	Mill Aluminum	GR30M/GR307M
GR30SECSA	6063-T6	Satin Anodized	GR30SA/GR307SA
GR30SECDU	6063-T6	Duranodic Bronze	GR30DU/GR307DU

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3-1/2" (89 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR35SECM	6063-T6	Mill Aluminum	GR35M
GR35SECSA	6063-T6	Satin Anodized	GR35SA
GR35SECDU	6063-T6	Duranodic Bronze	GR35DU

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

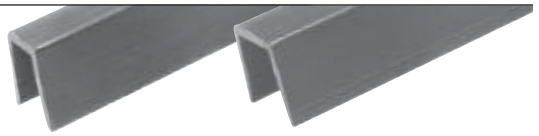
FOR 4" X 2-1/2" (102 X 64 MM) OVAL ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GR0V4SECM	6063-T6	Mill Aluminum	GR0V4M
GR0V4SECSA	6063-T6	Satin Anodized	GR0V4SA
GR0V4SECDU	6063-T6	Duranodic Bronze	GR0V4DU

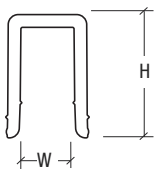
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Cap Rail Rigid Vinyl Insert

- Sizes for 1/2" (12 mm) and 3/4" (19 mm) Glass
- Provides Protective Barrier Between Metal Cap and Glass



CRL Cap Rail Rigid Vinyl Insert should be used to provide a protective barrier between metal and glass. Use 95CBL Silicone (see page HR048) to secure the Rigid Vinyl inside the pocket of the Cap Rail and also to the glass.



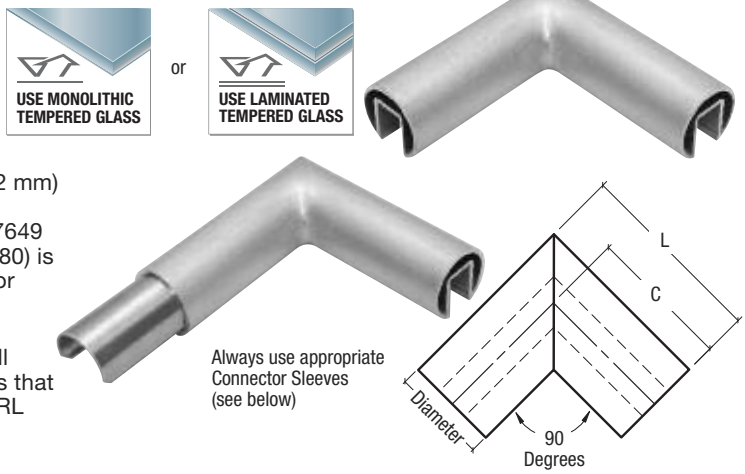
CAT. NO.	FITS	"W" WIDTH	"H" HEIGHT	LENGTH	USE WITH
GR5PV	All 1/2" Glass Cap Rails Shown on Opposite Page	1/2" (12 mm)	1-3/16" (30 mm)	120" (3.05 m)	1/2" (12 mm) Glass
GR7PV	GR307 Series Cap Rails	3/4" (19 mm)	1-3/16" (30 mm)	120" (3.05 m)	3/4" (19 mm) Glass

Minimum order: 1 stock length. Sizes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Stock lengths longer than 108" (2.14 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Aluminum Cap Railing 90 Degree Horizontal Corners for 1/2" (12 mm), 9/16" (13.52 mm) or 5/8" (16 mm) Glass

- Welded and Ready to Paint
- 6063-T6 Mill Aluminum Alloy
- New Oval Corner in Mill Aluminum
- Requires Two Connector Sleeves (Not Included)



Interior slip-fit Horizontal Corners for 1/2" (12 mm), 9/16" (13.52 mm) or 5/8" (16 mm) thick glass allow for hairline joint assemblies with straight lengths of CRL Aluminum Cap Rail. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Two Connector Sleeves are required for use with each corner (see below).

Each Horizontal Corner is fabricated and individually packed. Our aluminum corners are welded for painted finishes only. For all anodized finishes please see next page for Internal Corner Splices that create an architecturally pleasing mitered joint. Please contact CRL Technical Sales for more information or a quote.

FOR 1.9" (48 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR19HM	6063-T6	Mill Aluminum	L=6" (152 mm) C=5-1/16" (129 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR25HM	6063-T6	Mill Aluminum	L=6" (152 mm) C=4-3/4" (121 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 3" (76 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR30HM	6063-T6	Mill Aluminum	L=6" (152 mm) C=4-1/2" (114 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

NOTE: Cat. No. GR5PV Cap Rail Vinyl (see page HR069) and 95CBL Silicone (see page HR048) should be used to secure 1/2" (12 mm) tempered glass; Cat. No. LR56PV Cap Rail Rubber Insert (see page HR066) and 95CBL should be used to secure 9/16" (13.52 mm) laminated glass; Cat. No. 95CBL Silicone and shims should be used to secure 5/8" (16 mm) tempered glass.

FOR 3-1/2" (89 MM) DIAMETER ALUMINUM CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GR35HM	6063-T6	Mill Aluminum	L=6" (152 mm) C=4-1/4" (108 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 4" X 2-1/2" (102 X 64 MM) OVAL ALUMINUM CAP RAILING

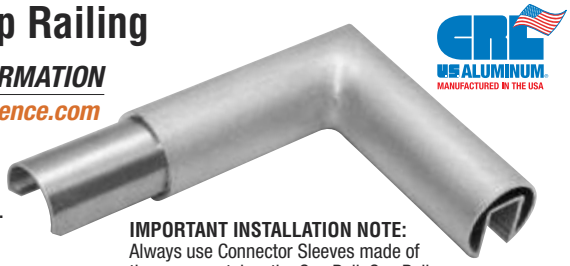
CAT. NO.	GRADE	FINISH	DIMENSIONS
GR0V4HM	6063-T6	Mill Aluminum	L=6" (152 mm) C=4" (102 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Connector Sleeves for Extruded Aluminum Cap Railing

- Formed, Shaped to Fit, and Ready to Install
- Provides Proper Alignment at Splices

MORE INFORMATION crlaurence.com



CRL Connector Sleeves are used to connect and provide proper alignment between railing splices and railing-to-corner splices. Connector Sleeves are 5" (127 mm) long, and must be compressed to fit inside the Aluminum Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond.

IMPORTANT INSTALLATION NOTE:
Always use Connector Sleeves made of the same metal as the Cap Rail, Cap Rail Corner, or Hand Rail metal to be joined.

FOR 1.9" (48 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	FOR USE WITH
GR19CSM	Mill Aluminum	GR19M/GR19SA/GR19DU Cap Rails and all 1.9" (48 mm) Aluminum Cap Rail Corners

FOR 2-1/2" (64 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	FOR USE WITH
GR25CSM	Mill Aluminum	GR25M/GR25SA/GR25DU Cap Rails and all 2-1/2" (64 mm) Aluminum Cap Rail Corners

FOR 3" (76 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	FOR USE WITH
GR30CSM	Mill Aluminum	GR30M/GR30SA/GR30DU Cap Rails and all 3" (76 mm) Aluminum Cap Rail Corners

FOR 3-1/2" (89 MM) DIAMETER ROUND RAILING

CAT. NO.	MATERIAL	FOR USE WITH
GR35CSM	Mill Aluminum	GR35M/GR35SA/GR35DU Cap Rails and all 3-1/2" (89 mm) Aluminum Cap Rail Corners

FOR 4" X 2-1/2" (102 X 64 MM) OVAL RAILING

CAT. NO.	MATERIAL	FOR USE WITH
GR0V4CSM	Mill Aluminum	GR0V4M/GR0V4SA/GR0V4DU Cap Rails and all 4" x 2-1/2" (102 x 64 mm) Aluminum Corners

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.



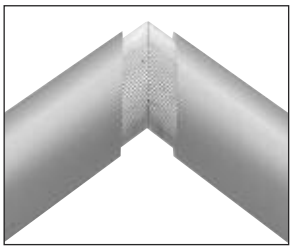
Mill Aluminum Round

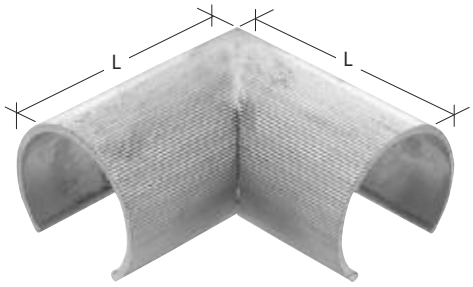


Mill Aluminum Oval

CRL Aluminum Cap Railing 90 Degree Horizontal Internal Splice Sleeves

- Ready to Install
- Provides Proper Alignment for Extruded Aluminum Cap Railing at Splice Locations
- Custom Angles Are Also Available





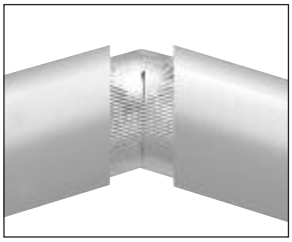
CAT. NO.	SPLICE SLEEVES FOR	"L" LENGTH	FOR USE WITH
1S1990M	1.9" (48 mm) Cap Rail	4" (102 mm)	GR19M, GR19SA, GR19DU
1S2590M	2-1/2" (64 mm) Cap Rail	4" (102 mm)	GR25M, GR25SA, GR25DU
1S3090M	3" (76 mm) Cap Rail	4" (102 mm)	GR30M, GR30SA, GR30DU
1S3590M	3-1/2" (89 mm) Cap Rail	5" (127 mm)	GR35M, GR35SA, GR35DU
1S0V490M	4" x 2-1/2" (102 x 64 mm) Oval Cap Rail	5" (127 mm)	GR0V4M, GR0V4SA, GR0V4DU

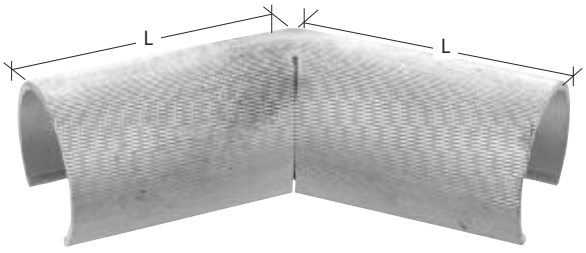
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL 90 Degree Horizontal Internal Splice Sleeves are used to connect and provide proper alignment between our Extruded Aluminum Cap Rails. The Splice Sleeves must be compressed to fit inside the Top Cap. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.

CRL Aluminum Cap Railing 135 Degree Horizontal Internal Splice Sleeves

- Ready to Install
- Provides Proper Alignment for Extruded Aluminum Cap Railing at Splice Locations
- Custom Angles Are Also Available





CAT. NO.	SPLICE SLEEVES FOR	"L" LENGTH	FOR USE WITH
1S19135M	1.9" (48 mm) Cap Rail	4" (102 mm)	GR19M, GR19SA, GR19DU
1S25135M	2-1/2" (64 mm) Cap Rail	4" (102 mm)	GR25M, GR25SA, GR25DU
1S30135M	3" (76 mm) Cap Rail	4" (102 mm)	GR30M, GR30SA, GR30DU
1S35135M	3-1/2" (89 mm) Cap Rail	5" (127 mm)	GR35M, GR35SA, GR35DU
1S0V4135M	4" x 2-1/2" (102 x 64 mm) Oval Cap Rail	5" (127 mm)	GR0V4M, GR0V4SA, GR0V4DU

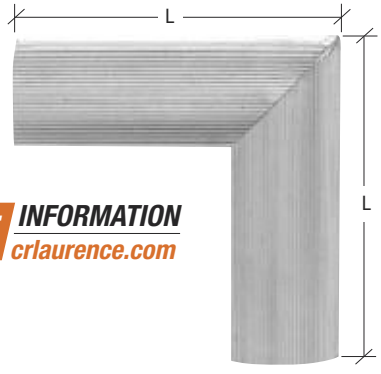
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL 135 Degree Horizontal Internal Splice Sleeves are used to connect and provide proper alignment between our Extruded Aluminum Cap Rails. The Splice Sleeves must be compressed to fit inside the Top Cap. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.

CRL Aluminum Cap Railing 90 Degree Vertical Internal Splice Sleeves

- Ready to Install
- Provides Proper Alignment for Extruded Aluminum Cap Railing at Splice Locations
- Custom Angles Are Also Available





MORE INFORMATION
crlaurence.com

CAT. NO.	SPLICE SLEEVES FOR	"L" LENGTH	FOR USE WITH
1S19V90M	1.9" (48 mm) Cap Rail	4" (102 mm)	GR19M, GR19SA, GR19DU
1S25V90M	2-1/2" (64 mm) Cap Rail	4" (102 mm)	GR25M, GR25SA, GR25DU
1S30V90M	3" (76 mm) Cap Rail	4" (102 mm)	GR30M, GR30SA, GR30DU
1S35V90M	3-1/2" (89 mm) Cap Rail	5" (127 mm)	GR35M, GR35SA, GR35DU
1S0V4V90M	4" x 2-1/2" (102 x 64 mm) Oval Cap Rail	5" (127 mm)	GR0V4M, GR0V4SA, GR0V4DU

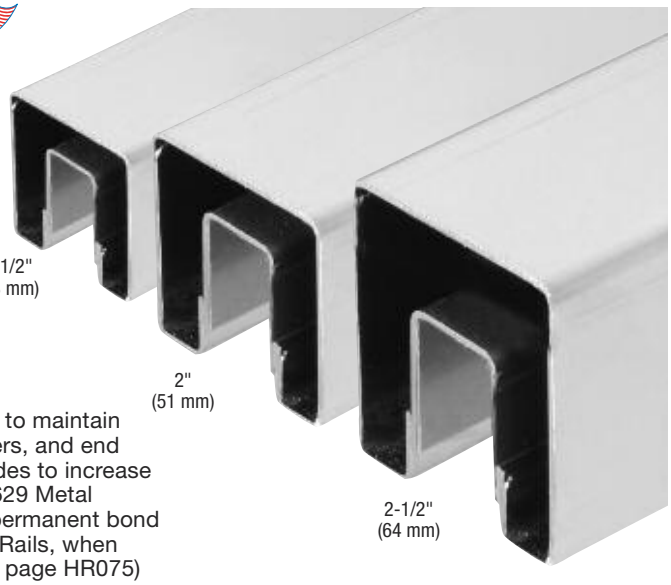
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL 90 Degree Vertical Internal Splice Sleeves are used to connect and provide proper alignment between our Extruded Aluminum Cap Rails. The Splice Sleeves must be compressed to fit inside the Top Cap. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.

CRL Premium Square Cap Rails for 1/2" (12 mm) to 5/8" (16 mm) Glass

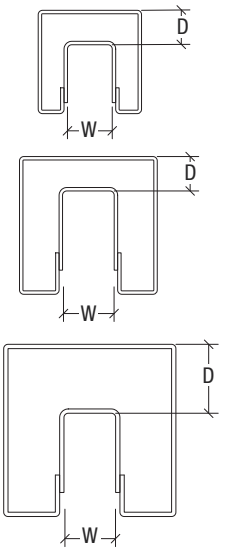
- 120" (3.05 m) Stock Lengths Available in Three Sizes and Two Architectural Finishes
- Compatible With Premium Corners
- Profiles Ranging From 1-1/2" (38 mm) to 2-1/2" (64 mm) in Size
- 304 Stainless Alloy is Standard; 316 Alloy Available on Special Order





All CRL Premium Square Cap Rails are formed using precision tooling to maintain uniform profiles, allowing for smooth hairline transitions at splices, corners, and end caps. The internal channel is spot welded every 6" (152 mm) on both sides to increase strength and stability. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections. **NOTE:** With the exception of the GRS15 Series Cap Rails, when used with 1/2" (12 mm) glass our GR5PV Cap Rail Rigid Vinyl Insert (see page HR075) and 95CBL Silicone (see page HR048) should be used to secure the glass. When using GRS15 Series Cap Rails with 5/8" (16 mm) glass, use 95CBL Silicone and shims only to secure the glass.

MORE INFORMATION crlaurence.com



1-1/2" (38 MM) PREMIUM SQUARE CAP RAIL IN 120" (3.05 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GRS15BS	Brushed Stainless	5/8" (16 mm)	1/2" (13 mm)	304	.050" (1.3 mm)	GRS15CSS
GRS15PS	Polished Stainless	5/8" (16 mm)	1/2" (13 mm)	304	.050" (1.3 mm)	GRS15CSS

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.
NOTE: 1-1/2" (38.1 mm) Square Premium Cap Rail works only with 1/2" (12 mm) glass, secured with 95CBL Silicone and Shims.

2" (51 MM) PREMIUM SQUARE CAP RAIL IN 120" (3.05 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GRS20BS	Brushed Stainless	3/4" (19 mm)	1/2" (13 mm)	304	.050" (1.3 mm)	GRS20CSS
GRS20PS	Polished Stainless	3/4" (19 mm)	1/2" (13 mm)	304	.050" (1.3 mm)	GRS20CSS

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.

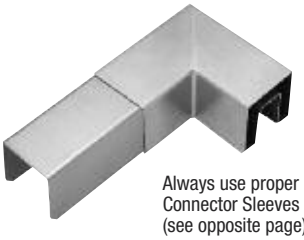
2-1/2" (64 MM) PREMIUM SQUARE CAP RAIL IN 120" (3.05 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GRS25BS	Brushed Stainless	3/4" (19 mm)	1" (25 mm)	304	.0625" (1.6 mm)	GRS25CSS
GRS25PS	Polished Stainless	3/4" (19 mm)	1" (25 mm)	304	.0625" (1.6 mm)	GRS25CSS

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.
*This dimension is used to calculate the glass size. Add the clearance you desire or allow an additional 1/8" (3.2 mm) if using Cap Rail Rigid Vinyl Insert (see page HR075).

CRL Premium Square 90 Degree Cap Horizontal Corners for 1/2" (12 mm) to 5/8" (16 mm) Glass

MORE MODELS crlaurence.com





Always use proper Connector Sleeves (see opposite page).

FOR 1-1/2" (38 MM) 90 DEGREE SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GRS15HBS	304	Brushed Stainless	L= 3-3/4" (95 mm)
GRS15HPS	304	Polished Stainless	C= 3" (76 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2" (51 MM) 90 DEGREE SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GRS20HBS	304	Brushed Stainless	L= 4" (102 mm)
GRS20HPS	304	Polished Stainless	C= 3" (76 mm)

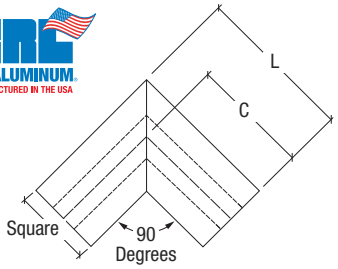
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) 90 DEGREE SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GRS25HBS	304	Brushed Stainless	L= 4-1/2" (114 mm)
GRS25HPS	304	Polished Stainless	C= 3-1/4" (83 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

NOTE : With the exception of the GRS15 Series Cap Rail Corners, when used with 1/2" (12 mm) tempered glass, our GR5PV Cap Rail Vinyl (see page HR075) and 95CBL Silicone (see page HR048) should be used to secure the glass. When using GRS15 Series Cap Rail Corners with 5/8" (16 mm) tempered glass, use 95CBL Silicone and shims only to secure the glass.

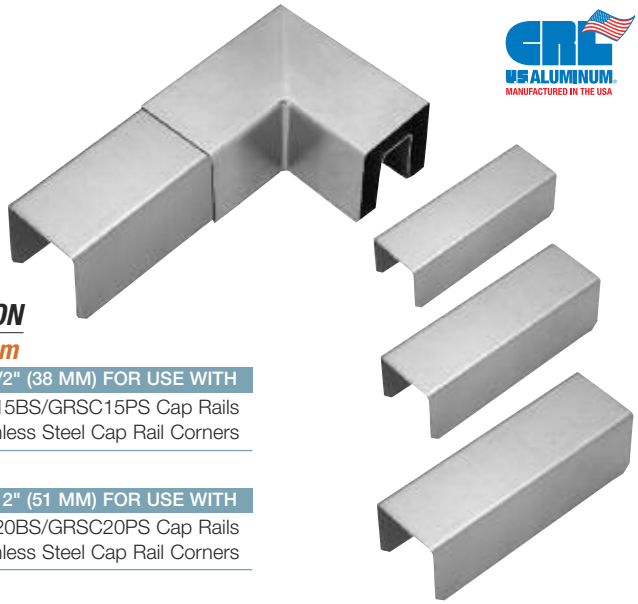


TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Premium Square Cap Connector Sleeves

- **Formed and Shaped to Fit, Ready to Install in Both Premium and Crisp Corner Square Cap Rails**
- **Provide Proper Alignment at Splices**

CRL Square Connector Sleeves are used to connect and provide proper alignment between square railing splices and square railing-to-corner splices. Square Connector Sleeves are 5" (127 mm) long, and must be compressed to fit inside the Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond.



MORE INFORMATION crlaurence.com

FOR 1-1/2" (38 MM) SQUARE CAP RAILING

CAT. NO.	MATERIAL	1-1/2" (38 MM) FOR USE WITH
GRS15CSS	Stainless Steel	GRS15BS/GRS15PS/GRSC15BS/GRSC15PS Cap Rails and all 1-1/2" (38 mm) Square Stainless Steel Cap Rail Corners

FOR 2" (51 MM) SQUARE CAP RAILING

CAT. NO.	MATERIAL	2" (51 MM) FOR USE WITH
GRS20CSS	Stainless Steel	GRS20BS/GRS20PS/GRSC20BS/GRSC20PS Cap Rails and all 2" (51 mm) Square Stainless Steel Cap Rail Corners

FOR 2-1/2" (64 MM) SQUARE CAP RAILING

CAT. NO.	MATERIAL	2-1/2" (64 MM) FOR USE WITH
GRS25CSS	Stainless Steel	GRS25BS/GRS25PS/GRSC25BS/GRSC25PS Cap Rails and all 2-1/2" (64 mm) Square Stainless Steel Cap Rail Corners

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

IMPORTANT INSTALLATION NOTE:
Always use Connector Sleeves made of the same metal as the Cap Rail, Cap Rail Corner, or Hand Rail metal to be joined.

CRL End Caps for Premium Square Cap Railings

- **Formed and Shaped to Fit, Ready to Install**

CRL Premium Square End Caps easily slip into the Premium Square Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316.





FOR 1-1/2" (38 MM) PREMIUM SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRS15ECBS	316	Brushed Stainless	GRS15BS
GRS15ECPS	316	Polished Stainless	GRS15PS

FOR 2" (51 MM) PREMIUM SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRS20ECBS	316	Brushed Stainless	GRS20BS
GRS20ECPS	316	Polished Stainless	GRS20PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

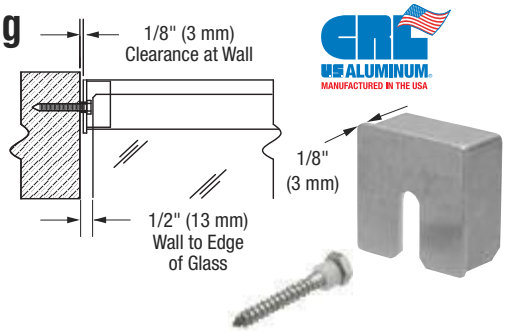
FOR 2-1/2" (64 MM) PREMIUM SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRS25ECBS	316	Brushed Stainless	GRS25BS
GRS25ECPS	316	Polished Stainless	GRS25PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Stabilizing End Caps for Premium Square Cap Railings

- **Formed and Shaped to Fit**



CRL Premium Square Stabilizing End Caps easily slip into our Premium Square Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316. Includes: 1/4" x 2" (6 x 51 mm) Lag Screw with 1/4" (6 mm) Nylon Spacer.

FOR 1-1/2" (38 MM) PREMIUM SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRS15SECBS	316	Brushed Stainless	GRS15BS
GRS15SECPS	316	Polished Stainless	GRS15PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2" (51 MM) PREMIUM SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRS20SECBS	316	Brushed Stainless	GRS20BS
GRS20SECPS	316	Polished Stainless	GRS20PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) PREMIUM SQUARE CAP RAILING

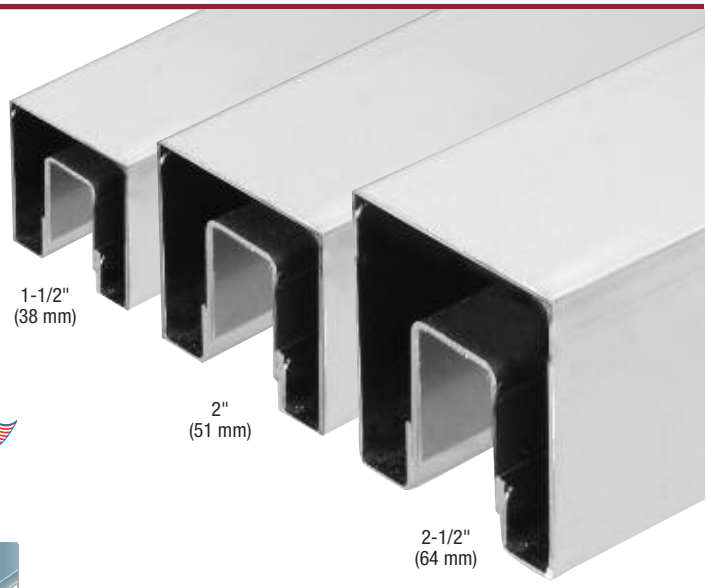
CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRS25SECBS	316	Brushed Stainless	GRS25BS
GRS25SECPS	316	Polished Stainless	GRS25PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Crisp Corner Square Cap Rails for 1/2" (12 mm) to 5/8" (16 mm) Glass

- Crisp Corner Design
- 120" (3.05 m) Stock Lengths Available in Three Sizes and Two Architectural Finishes
- Profiles Ranging From 1-1/2" (38 mm) to 2-1/2" (64 mm) in Size
- 304 Stainless Alloy is Standard; 316 Alloy Available on Special Order



CRL Crisp Corner Square Cap Rails are formed using precision tooling to maintain uniform profiles, allowing for smooth hairline transitions at splices, corners, and end caps. The internal channel is spot welded every 6" (152 mm) on both sides to increase strength and stability. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.

CRL US ALUMINUM MANUFACTURED IN THE USA



MORE INFORMATION
crlaurence.com

1-1/2" (38 MM) CRISP CORNER SQUARE CAP RAIL IN 120" (3.05 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GRSC15BS	Brushed Stainless	5/8" (16 mm)	1/2" (13 mm)	304	.078" (2 mm)	GRS15CSS
GRSC15PS	Polished Stainless	5/8" (16 mm)	1/2" (13 mm)	304	.078" (2 mm)	GRS15CSS

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.
NOTE: 1-1/2" (38 mm) Square Crisp Corner Cap Rail works only with 1/2" (12 mm) glass, secured with 95CBL Silicone and Shims.

2" (51 MM) CRISP CORNER SQUARE CAP RAIL IN 120" (3.05 M) LENGTHS

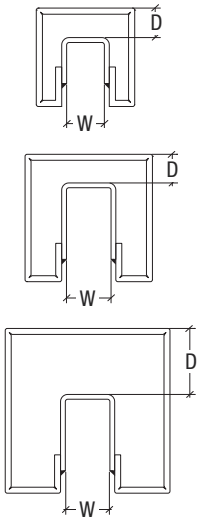
CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GRSC20BS	Brushed Stainless	3/4" (19 mm)	1/2" (13 mm)	304	.078" (2 mm)	GRS20CSS
GRSC20PS	Polished Stainless	3/4" (19 mm)	1/2" (13 mm)	304	.078" (2 mm)	GRS20CSS

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.
*This dimension is used to calculate the glass size. Add the clearance you desire or allow an additional 1/8" (3 mm) if using Cap Rail Rigid Vinyl Insert (see page HR075).

2-1/2" (64 MM) CRISP CORNER SQUARE CAP RAIL IN 120" (3.05 M) LENGTHS

CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GRSC25BS	Brushed Stainless	3/4" (19 mm)	1" (25 mm)	304	.078" (2 mm)	GRS25CSS
GRSC25PS	Polished Stainless	3/4" (19 mm)	1" (25 mm)	304	.078" (2 mm)	GRS25CSS

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.
*This dimension is used to calculate the glass size. Add the clearance you desire or allow an additional 1/8" (3 mm) if using Cap Rail Rigid Vinyl Insert (see page HR075).



CRL Crisp Corner Square Cap 90 Degree Horizontal Corners for 1/2" (12 mm) to 5/8" (16 mm) Glass

MORE CHOICES
crlaurence.com

FOR 1-1/2" (38 MM) CRISP SQUARE 90 DEGREE CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GRSC15HBS	304	Brushed Stainless	L= 3-3/4" (95 mm)
GRSC15HPS	304	Polished Stainless	C= 3" (76 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2" (51 MM) CRISP SQUARE 90 DEGREE CAP RAILING

CAT. NO.	GRADE	FINISH	DIMENSIONS
GRSC20HBS	304	Brushed Stainless	L= 4" (102 mm)
GRSC20HPS	304	Polished Stainless	C= 3" (76 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) CRISP SQUARE 90 DEGREE CAP RAILING

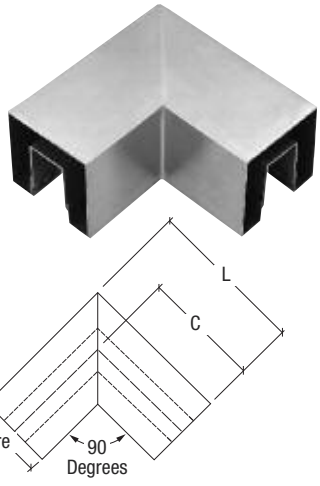
CAT. NO.	GRADE	FINISH	DIMENSIONS
GRSC25HBS	304	Brushed Stainless	L= 4-1/2 (114 mm)
GRSC25HPS	304	Polished Stainless	C= 3-1/4" (83 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL US ALUMINUM MANUFACTURED IN THE USA



Always use proper Connector Sleeves (see page HR073).



NOTE: With the exception of the GRSC15 Series Cap Rail Corners, when used with 1/2" (12 mm) tempered glass, our GR5PV Cap Rail Vinyl (see next page) and 95CBL Silicone (see page HR048) should be used to secure the glass. When using GRSC15 Series Cap Rail Corners with 5/8" (16 mm) tempered glass, use 95CBL Silicone and shims only to secure the glass.

CRL End Caps for Crisp Corner Square Cap Railings

MORE CHOICES crlaurence.com

• Formed and Shaped to Fit, Ready to Install

• Crisp Corner Design

CRL End Caps easily slip into the Crisp Corner Square Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316.





FOR 1-1/2" (38 MM) CRISP CORNER SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRS15ECBS	316	Brushed Stainless	GRSC15BS
GRS15ECPS	316	Polished Stainless	GRSC15PS

FOR 2" (51 MM) CRISP CORNER SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRSC20ECBS	316	Brushed Stainless	GRSC20BS
GRSC20ECPS	316	Polished Stainless	GRSC20PS

FOR 2-1/2" (64 MM) CRISP CORNER SQUARE CAP RAILING

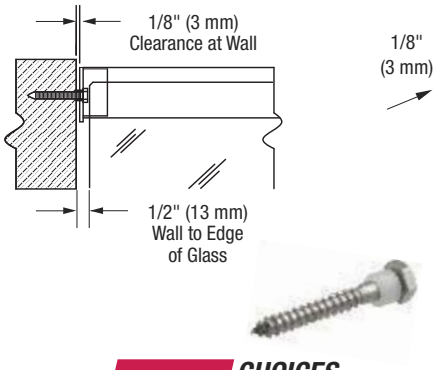
CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRSC25ECBS	316	Brushed Stainless	GRSC25BS
GRSC25ECPS	316	Polished Stainless	GRSC25PS

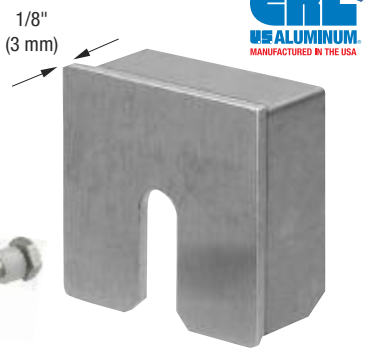
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Stabilizing End Caps for Crisp Corner Square Cap Railings

• Formed and Shaped to Fit

CRL Stabilizing End Caps easily slip into our Crisp Corner Square Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond. Standard stainless alloy is 316. Includes: 1/4" (6 mm) x 2" (51 mm) Lag Screw with 1/4" (6 mm) Nylon Spacer.





MORE CHOICES crlaurence.com

FOR 1-1/2" (38 MM) CRISP CORNER SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRS15SECBS	316	Brushed Stainless	GRSC15BS
GRS15SECPS	316	Polished Stainless	GRSC15PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2" (51 MM) CRISP CORNER SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRSC20SECBS	316	Brushed Stainless	GRSC20BS
GRSC20SECPS	316	Polished Stainless	GRSC20PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2-1/2" (64 MM) CRISP CORNER SQUARE CAP RAILING

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
GRSC25SECBS	316	Brushed Stainless	GRSC25BS
GRSC25SECPS	316	Polished Stainless	GRSC25PS

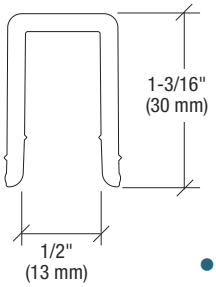
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Cap Rail Rigid Vinyl Insert

• Rigid Black Vinyl Provides Protective Barrier Between Metal Cap and 1/2" (12 mm) Glass

• Ready to Install







• Works in Square, Low Profile, and Crisp Corner Low Profile 11 Gauge Cap Rails

CRL Cap Rail Rigid Vinyl Insert for 1/2" (12 mm) glass is used with our Square, Low Profile, and Crisp Corner Low Profile 11 Gauge Cap Rails to securely attach the glass to metal. Cap Rail Vinyl is flat black in color, and is designed to center the glass and protect the edge of the glass when inserted into the metal cap rail.

CAT. NO.	DESCRIPTION
GR5PV	1/2" (13 mm) U-Channel Cap Rail Vinyl - 120"

Minimum order: 1 stock length. 120" (3.05 m) lengths must ship common carrier. A Packing Charge will be added to orders of fewer than five lengths. Can be combined with other Glass Protection Vinyls for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

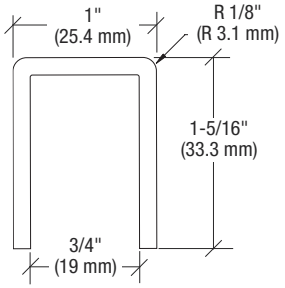
CRL Low Profile 11 Gauge Cap Railing

- For 1/2" (12 mm) or 5/8" (16 mm) Monolithic Glass
- Designed for Use as a Top Rail for Guard Rail Applications
- Protects Glass Edge
- Secures Glass Panels Together
- Connects to Fabricated Corners and End Caps

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS





CRL Low Profile Cap Rail is made from 11 gauge stainless steel, and is designed to protect the edge of the glass and secure glass panels together. **NOTE:** When used with 1/2" (12 mm) tempered glass, GR5PV Cap Rail Rigid Vinyl Insert (see page HR078) and 95CBL Silicone (see page HR048) should be used to secure the glass. When used with 5/8" (16 mm) tempered glass, secure with 95CBL Silicone and shims.

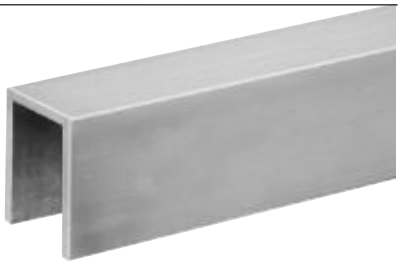
CAT. NO.	FINISH	"W" WIDTH	"H" HEIGHT	GRADE	THICKNESS	LENGTH
GRL10BS	Brushed Stainless	1" (25 mm)	1-5/16" (33 mm)	304	11 Gauge 1/8" (3 mm)	120" (3.05 m)
GRL10BS6	Brushed Stainless	1" (25 mm)	1-5/16" (33 mm)	316	11 Gauge 1/8" (3 mm)	120" (3.05 m)
GRL10PS	Polished Stainless	1" (25 mm)	1-5/16" (33 mm)	304	11 Gauge 1/8" (3 mm)	120" (3.05 m)
GRL10PS6	Polished Stainless	1" (25 mm)	1-5/16" (33 mm)	316	11 Gauge 1/8" (3 mm)	120" (3.05 m)

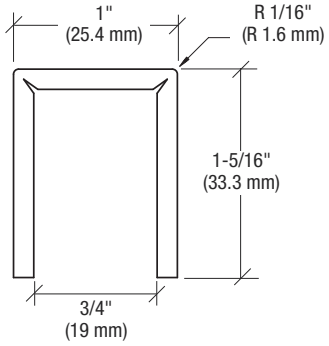
Minimum order: 1 each. Finishes can be combined for quantity pricing. Must ship common carrier.

CRL Crisp Corner Low Profile 11 Gauge Cap Railing

- Crisp Corner Profile for 1/2" (12 mm) or 5/8" (16 mm) Monolithic Glass
- Designed for Use as a Top Rail for Guard Rail Applications
- Protects Glass Edge
- Secures Glass Panels Together
- Connects to Fabricated Corners and End Caps

USE MONOLITHIC TEMPERED GLASS





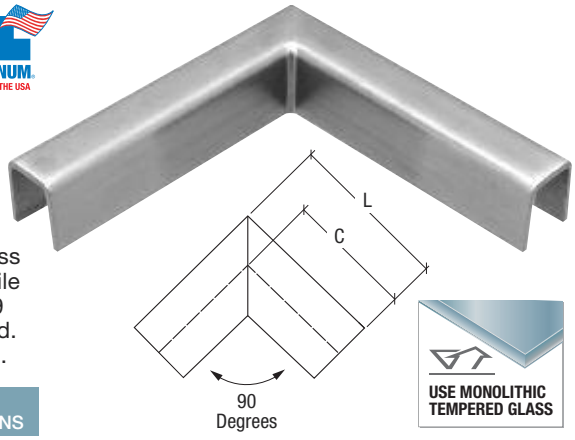
CRL Crisp Corner Low Profile Cap Rail is made from 11 gauge stainless steel, and is designed to protect the edge of the glass and secure glass panels together. **NOTE:** When used with 1/2" (12 mm) tempered glass, GR5PV Cap Rail Rigid Vinyl Insert (see page HR078) and 95CBL Silicone (see page HR048) should be used to secure the glass. When used with 5/8" (16 mm) tempered glass, secure with 95CBL Silicone and shims.

CAT. NO.	FINISH	"W" WIDTH	"H" HEIGHT	GRADE	THICKNESS	LENGTH
GRLC10BS	Brushed Stainless	1" (25 mm)	1-5/16" (33 mm)	304	11 Gauge 1/8" (3 mm)	120" (3.05 m)
GRLC10BS6	Brushed Stainless	1" (25 mm)	1-5/16" (33 mm)	316	11 Gauge 1/8" (3 mm)	120" (3.05 m)
GRLC10PS	Polished Stainless	1" (25 mm)	1-5/16" (33 mm)	304	11 Gauge 1/8" (3 mm)	120" (3.05 m)
GRLC10PS6	Polished Stainless	1" (25 mm)	1-5/16" (33 mm)	316	11 Gauge 1/8" (3 mm)	120" (3.05 m)

Minimum order: 1 each. Finishes can be combined for quantity pricing. Must ship common carrier.

CRL 90 Degree Horizontal Corners for Low Profile 11 Gauge Cap Railing

- Two Profiles for 1/2" (12 mm) or 5/8" (16 mm) Glass
- Low Profile and Crisp Corner Models
- Ready to Install
- Welded and Finished



USE MONOLITHIC TEMPERED GLASS

Slip-fit 90 Degree Horizontal Corners for 1/2" (12 mm) or 5/8" (16 mm) thick glass allow for hairline joint assemblies with straight lengths of CRL 11 Gauge Low Profile and Crisp Corner Cap Railings. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond. Two Connector Sleeves are required for use with each Corner (see opposite page).

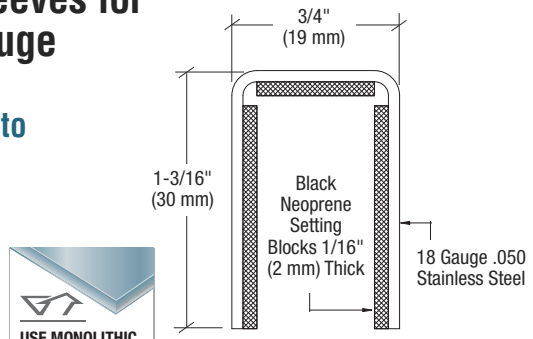
LOW PROFILE CAT. NO.	CRISP CORNER CAT. NO.	GRADE	FINISH	DIMENSIONS
GRL10HBS	GRLC10HBS	304	Brushed Stainless	L = 6" (152.4 mm)
GRL10HPS	GRLC10HPS	304	Polished Stainless	C = 5-1/2" (140 mm)
GRL10HBS6	GRLC10HBS6	316	Brushed Stainless	
GRL10HPS6	GRLC10HPS6	316	Polished Stainless	

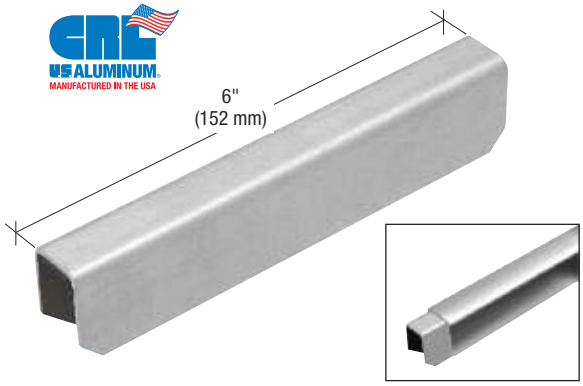
Minimum order: 1 each. Finishes can be combined for quantity pricing. Must ship common carrier.

NOTE: When used with 1/2" (12 mm) tempered glass, our GR5PV Cap Rail Rigid Vinyl Insert (see page HR078) and 95CBL Silicone (see page HR048) should be used to secure the glass. When using 5/8" (16 mm) tempered glass, use 95CBL Silicone and shims only to secure the glass.

CRL Connector Sleeves for Low Profile 11 Gauge Cap Railing

- Formed and Shaped to Fit Both of Our 11 Gauge Cap Railings
- Provide Proper Alignment Between Railing Splices
- Ready to Install







These CRL Connector Sleeves are used to connect and provide proper alignment between Cap Rail splices and corner splices. Connector Sleeves easily slip into the Cap Railing without compression. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to greatly improve the joint strength.

CAT. NO.	MATERIAL	FOR USE WITH
GRL10CSS	Stainless Steel	GRL10BS/GRL10PS Cap Rails GRLC10BS/GRLC10PS Cap Rails and all GRL10H Cap Rail Corners

Minimum order: 1 each.

CRL End Caps for Low Profile 11 Gauge Cap Railing

MORE INFORMATION crlaurence.com

- Formed and Shaped to Fit Both of Our 11 Gauge Cap Railings
- Ready to Install
- Available in Brushed and Polished Stainless Finishes


Low Profile


Crisp Corner



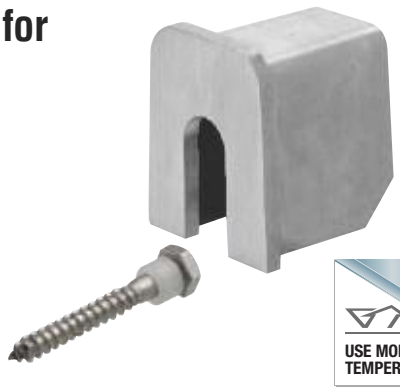
This CRL End Cap easily slips into our Low Profile 11 Gauge Cap Railing. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond. Stainless alloy is 316.

CAT. NO.	CAP RAIL TYPE	GRADE	FINISH	FITS CAP RAIL NO.
GRL10ECBS	Low Profile	316	Brushed Stainless	GRL10BS
GRL10ECPS	Low Profile	316	Polished Stainless	GRL10PS
GRLC10ECBS	Crisp Corner	316	Brushed Stainless	GRLC10BS
GRLC10ECPS	Crisp Corner	316	Polished Stainless	GRLC10PS

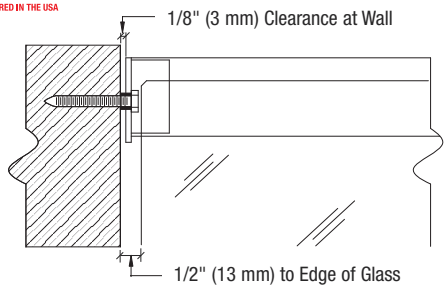
Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Stabilizing End Caps for Low Profile 11 Gauge Cap Railing

- Formed and Shaped to Fit Both of Our 11 Gauge Cap Railings
- Ready to Install
- Available in Brushed and Polished Stainless Finishes







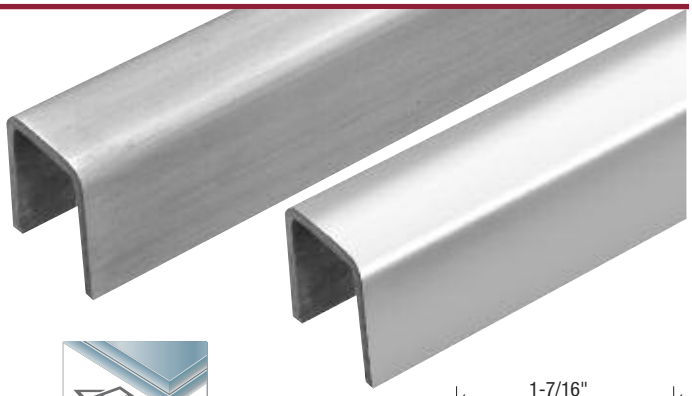
CRL Stabilizing End Caps easily slip into our Low Profile 11 Gauge Cap Railing. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond. Stainless alloy is 316. Includes: 1/4" x 2" (6 x 51 mm) Lag Screw with 1/4" (6 mm) Nylon Spacer.

CAT. NO.	CAP RAIL TYPE	GRADE	FINISH	FITS CAP RAIL NO.
GRL10SECBS	Low Profile	316	Brushed Stainless	GRL10BS
GRL10SECPS	Low Profile	316	Polished Stainless	GRL10PS
GRLC10SECBS	Crisp Corner	316	Brushed Stainless	GRLC10BS
GRLC10SECPS	Crisp Corner	316	Polished Stainless	GRLC10PS

Minimum order: 1 each. Finishes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Low Profile 11 Gauge Cap Railing for 27/32" (21.52 mm) Laminated Glass



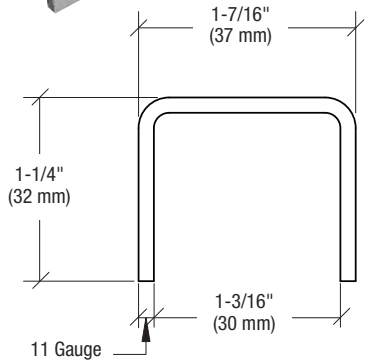
- Low Profile Cap Railing That Meets Guard Rail Load Requirements
- Designed for 27/32" (21.52 mm) Laminated Glass [10 x 1.52 x 10 mm Glass Make Up]
- Connects to Fabricated Corners and End Caps
- Cut to Size or Custom Fabricated Lengths
- 316 Stainless Alloy

MORE INFORMATION crlaurence.com





Always use proper Connector Sleeves (see page HR080)



CRL Low Profile 11 Gauge Cap Railing is designed for guard rail applications and is offered in two architectural finishes. The low profile design allows for a virtually unobstructed view. Use of our LR21PV Cap Railing Rubber Insert (see below) and 95CBL Silicone (see page HR048) is required to achieve a secure and permanent bond.

CAT. NO.	LENGTH	GRADE	FINISH	USE SLEEVE NO.
L10BS	118-1/8" (3 m)	316	Brushed Stainless	L10CSS
L10PS	118-1/8" (3 m)	316	Polished Stainless	L10CSS

Minimum order: 1 each. Finishes can be combined for quantity pricing. Must ship common carrier.

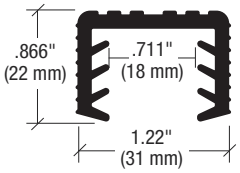
CRL Cap Railing Rubber Insert





- For 27/32" (21.52 mm) Laminated Glass
- Flexible Black Rubber Provides Protective Barrier Between Metal Cap and Glass
- Helps Align Glass Panels During Installation

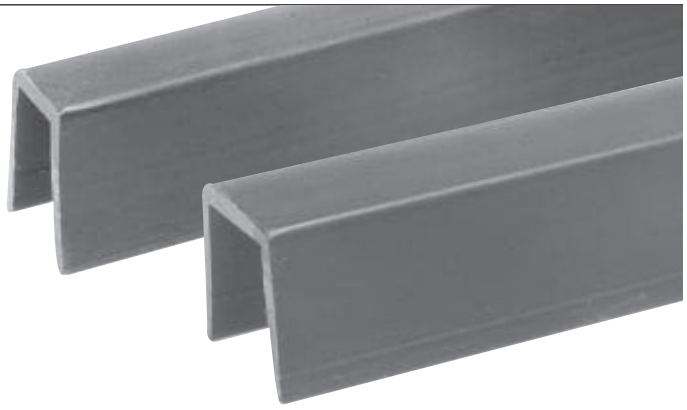




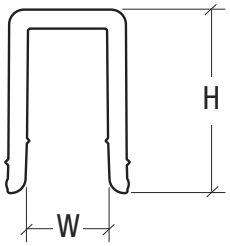
CAT. NO. LR21PV
100' (30.2 m) Roll

This CRL Rubber Insert is designed for use with our L10 Series Low Profile Cap Railing. The flexible black rubber insert provides a barrier between metal and glass. CRL's Cap Railing Rubber is also useful in temporarily aligning the glass panels until the final installation. Use 95CBL Silicone (see page HR048) to secure the Vinyl inside the pocket of the Cap Railing and also to the glass. Minimum order is one roll.

CRL Cap Rail Rigid Vinyl Insert



- Rigid Black Vinyl Insert Provides Protective Barrier Between Metal Cap and Glass
- For 1/2" and 3/4" (12 and 19 mm) Glass



CRL Cap Rail Rigid Vinyl Insert should be used with all U-Channel Caps to provide a protective barrier between metal and glass. Use 95CBL Silicone (see page HR048) to secure the Vinyl inside the pocket of the Cap Rail and also to the glass.

CAT. NO.	FITS	"W" WIDTH	"H" HEIGHT	LENGTH	USE WITH
GR5PV	GRUC5, GRCF5, GRCR5 Series U-Channel Caps	1/2" (12 mm)	1-3/16" (30 mm)	120" (3.05 m)	1/2" (12 mm) Glass
GR7PV	GRUC7 Series U-Channel Caps	3/4" (19 mm)	1-3/16" (30 mm)	120" (3.05 m)	3/4" (19 mm) Glass

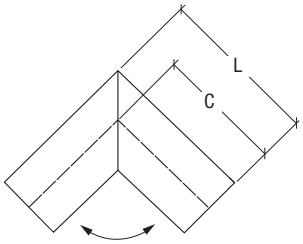
Minimum order: 1 stock length. Sizes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths.
Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

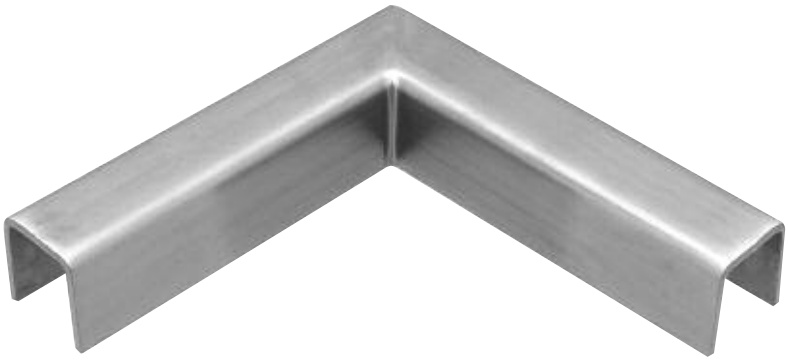
CRL 90 Degree Horizontal Corners for 27/32" (21.52 mm) Laminated Glass Low Profile Cap Railing

- Welded and Finished
- Ready to Install
- 316 Stainless Alloy

CRL's prefabricated 90 degree and 135 Degree Horizontal Corners eliminate time consuming field miter cutting and welding. Each corner is fabricated, finished, and individually packaged. Alloy 316 stainless steel is offered in two architectural finishes.



USE LAMINATED TEMPERED GLASS

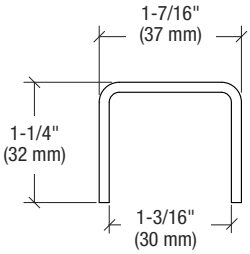


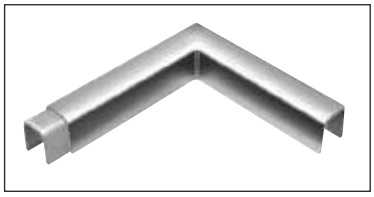
NOTE: When used with 27/32" (21.52 mm) laminated glass, our LR21PV Cap Railing Rubber Insert (see opposite page) and 95CBL Silicone (see page HR048) should be used to secure the glass.

This CRL 90 Degree Horizontal Corner for 27/32" (21.52 mm) thick laminated glass allows for hairline joint assemblies with straight lengths of CRL Low Profile Cap Rail. Use of our LR21PV Cap Railing Rubber Insert (see opposite page) and 95CBL Silicone (see page HR048) is required to achieve a secure and permanent bond.

CAT. NO.	GRADE	FINISH	DIMENSIONS
L10HBS	316	Brushed Stainless	L = 6" (152 mm)
L10HPS	316	Polished Stainless	C = 5-1/4" (134 mm)

Minimum order: 1 each. All Cap Railing Corners can be combined for quantity pricing.





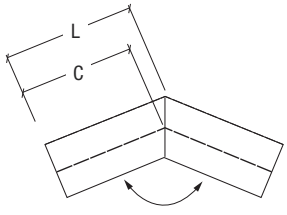
Always use proper Connector Sleeves (see page HR080)

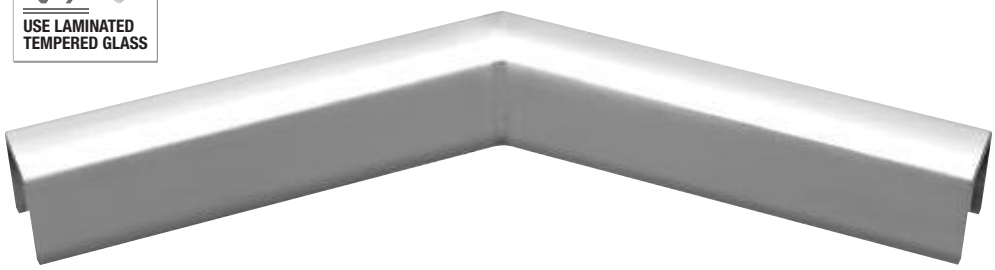
CRL 135 Degree Horizontal Corners for 27/32" (21.52 mm) Laminated Glass Low Profile Cap Railing

MORE INFORMATION crlaurence.com

- Welded and Finished
- Ready to Install
- 316 Stainless Alloy

USE LAMINATED TEMPERED GLASS



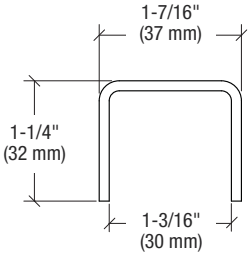


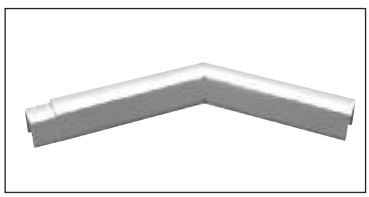
NOTE: When used with 27/32" (21.52 mm) laminated glass, our LR21PV Cap Railing Rubber Insert (see opposite page) and 95CBL Silicone (see page HR048) should be used to secure the glass.

This CRL 135 Degree Horizontal Corner for 27/32" (21.52 mm) thick laminated glass allows for hairline joint assemblies with straight lengths of CRL Low Profile Cap Rail. Use of our LR21PV Cap Railing Rubber Insert (see opposite page) and 95CBL Silicone (see page HR048) is required to achieve a secure and permanent bond.

CAT. NO.	GRADE	FINISH	DIMENSIONS
L10H3BS	316	Brushed Stainless	L = 6" (152 mm)
L10H3PS	316	Polished Stainless	C = 5-1/4" (134 mm)

Minimum order: 1 each. All Cap Railing Corners can be combined for quantity pricing.



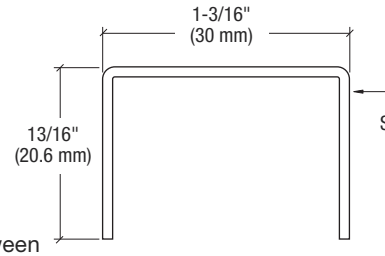


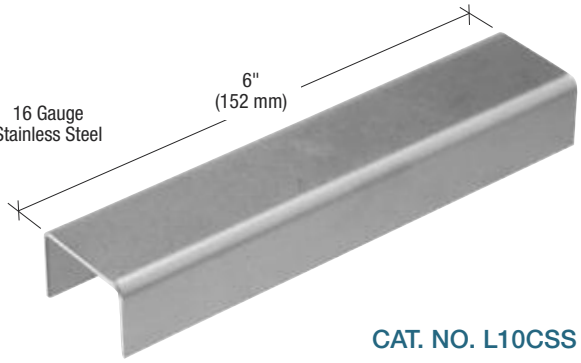
Always use proper Connector Sleeves (see page HR080)

CRL Connector Sleeves for 27/32" (21.52 mm) Laminated Glass Low Profile Cap Railing

MORE INFORMATION crlaurence.com

- Formed and Shaped to Fit L10 Series Cap Railing
- Provides Proper Alignment Between Railing Splices
- Ready to Install



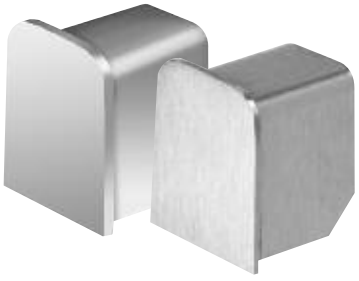


This CRL Connector Sleeve is used to connect and provide proper alignment between railing splices and railing-to-corner splices. Connector Sleeves are designed to easily fit inside the Low Profile Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see below) greatly improves the joint strength. Minimum order is one each.

CAT. NO. L10CSS

CRL End Caps for Laminated Glass Low Profile Cap Railing

- Formed and Shaped to Fit L10 Series Cap Railing
- Ready to Install
- Available in Two Finishes





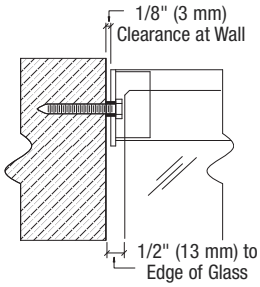
This CRL End Cap easily slips into the U-Channel Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see below) is required to achieve a secure and permanent bond. Standard stainless alloy is 316.

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
LR10ECBS	316	Brushed Stainless	L10BS
LR10ECPS	316	Polished Stainless	L10PS

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Stabilizing End Caps for Laminated Glass Low Profile Cap Railing

- Formed and Shaped to Fit L10 Series Cap Railing
- Ready to Install





CRL Stabilizing End Caps easily slip into our U-Channel Cap Railing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see below) is required to achieve a secure and permanent bond. Standard 316 stainless alloy is 11 Gauge.

CAT. NO.	GRADE	FINISH	FITS CAP RAIL NO.
LR10SECBS	316	Brushed Stainless	L10BS
LR10SECPS	316	Polished Stainless	L10PS

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Metal Contact Cement

- The Strength of an Epoxy and the Speed of an Instant Adhesive
- Permanently Bonds Cap Rails, Hand Rails, and Their Accessories With Superior Holding Power Up to 2,700 psi
- Offers Handling Strength in 60 Seconds, Full Cure in 24 Hours

CAT. NO.	DESCRIPTION	ACTIVATION	CONTENTS
32629	Metal Contact Cement	---	1.69 Fl. Oz. (50 ml)
7649	Primer for Metal Contact Cement	60 Seconds	1.75 Fl. Oz. (52 ml)
7075	Primer for Metal Contact Cement	5 Minutes	4.5 Oz. (133 ml)

Minimum order: 1 each.

NO AIR FREIGHT

MSDS ONLINE

SPEC. DATA ONLINE



CAT. NO. 32629
Cement



CAT. NO. 7649
60 Second Primer



CAT. NO. 7075
5 Minute Primer

CRL U-Channel Cap Railing

- **For 1/2", 5/8", and 3/4" (12, 16, and 19 mm) Tempered Glass**
- **Protects Glass Edge**
- **18 Gauge Stainless in 120" (3.05 m) Stock Lengths**



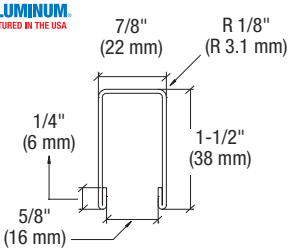


When used with 1/2" and 3/4" (12 and 19 mm) glass, the proper Cap Rail Vinyl and Cat. No. 95CBL Silicone should be used to secure the glass. When used with 5/8" (16 mm) glass, secure with 95CBL Silicone and shims only. 90 and 135 degree corners are also available. For information, go to **crlaurence.com/cap-railing**.

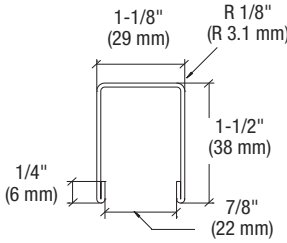
CAT. NO.	GRADE	FINISH	USE WITH
GRUC5BS10	304	Brushed Stainless	1/2" or 5/8" (12 mm or 16 mm) Glass
GRUC5PS10	304	Polished Stainless	1/2" or 5/8" (12 mm or 16 mm) Glass
GRUC7BS10	304	Brushed Stainless	3/4" (19 mm) Glass
GRUC7PS10	304	Polished Stainless	3/4" (19 mm) Glass

Minimum order: 1 each. Sizes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Must ship common carrier.

NOTE: These U-Channels are not designed to be used as a top rail for guard rail applications.



GRUC5 Series



GRUC7 Series

CRL Crisp Corner U-Channel Cap Railing

- **New Crisp Corner Design for Use With 1/2" (12 mm) Tempered Glass**
- **18 Gauge Stainless in 120" (3.05 m) Stock Lengths**



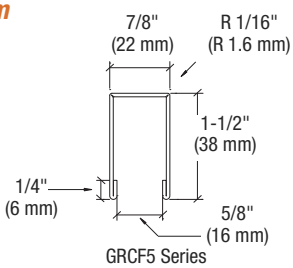
MORE INFORMATION
crlaurence.com



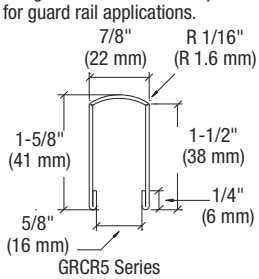
CAT. NO.	TYPE	GRADE	FINISH	USE WITH
GRCF5BS	Flat Top	304	Brushed Stainless	1/2" (12 mm) Glass
GRCF5PS	Flat Top	304	Polished Stainless	1/2" (12 mm) Glass
GRCR5BS	Radius Top	304	Brushed Stainless	1/2" (12 mm) Glass
GRCR5PS	Radius Top	304	Polished Stainless	1/2" (12 mm) Glass

Minimum order: 1 each. Sizes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. Must ship common carrier.

NOTE: These U-Channels are not designed to be used as a top rail for guard rail applications.



GRCF5 Series
Crisp Corner with Flat Top



GRCR5 Series
Crisp Corner with Radius Top

CRL End Caps for U-Channel Cap Railing

- **Formed and Shaped to Fit our 18 Gauge U-Channel Cap**
- **Finishes Off Exposed Ends**
- **Grade 316 Stainless Alloy**

MORE CHOICES
crlaurence.com



CAT. NO.	FINISH	USE WITH
GRUC5ECBS	Brushed Stainless	GRUC5BS10 U-Channel Cap
GRUC5ECPS	Polished Stainless	GRUC5PS10 U-Channel Cap
GRUC7ECBS	Brushed Stainless	GRUC7BS10 U-Channel Cap
GRUC7ECPS	Polished Stainless	GRUC7PS10 U-Channel Cap

Minimum order: 1 each. Finishes can be combined for quantity pricing.

3M® Scotch-Brite® Hand Pads

- **Cleans, Finishes, Blends, and Deburrs Metal**
- **Two Grades Available to Touch Up or Refinish Brushed Stainless Steel Railing Systems**

3M® Scotch-Brite® Commercial Hand Pads are for general purpose cleaning and scouring. High-quality synthetic fiber will not rust or corrode. Hand Pads measure 6" x 9" (152 x 229 mm) and are 1/4" (6 mm) thick.

The Fine Hand Pad is for surface conditioning. Perfect for cleaning, finishing, blending, and deburring. The Coarse Hand Pad is for heavy-duty work. A high mineral content makes these pads cut fast to remove contaminants and oxides in your most demanding jobs. One Hand Pad per pack. Minimum order is one each.



CAT. NO. SB7447F
Fine Hand Pad



CAT. NO. SB7440C
Coarse Hand Pad

3M and Scotch-Brite are registered trademarks of 3M Company.

Elegant Style....
Quality Craftsmanship

BLUMCRAFT
A DIVISION OF C.R. LAURENCE CO., INC.

MORE INFORMATION
crlaurence.com

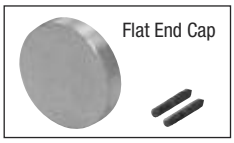
USE MONOLITHIC TEMPERED GLASS

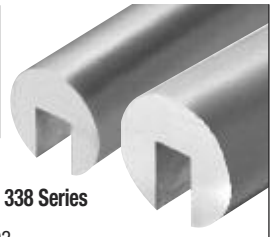
- **Cap Rails are Available in Aluminum and Wood For 1/2" (12 mm) Glass**
- **Satin Anodized, Dark Bronze Anodized, Plus Mill Aluminum Available From Stock**
- **Variety of Eight Standard Hardwoods to Choose From**
- **Sold in 120" (3.05 m) Stock Lengths or Custom Fabricated to Size**

CRL Blumcraft prides itself in delivering the highest quality products to the architectural metal and glass industry. Our ongoing policy is to blend beauty and functionality into each and every Railing System we manufacture.

For pricing or ordering assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Extension 7730. You may also fax your requirements to CRL Technical Sales at (800) 587-7501 in the U.S., or (323) 584-5289 (Canada or International). To send an email go to our web site at **crlaurence.com/support**.



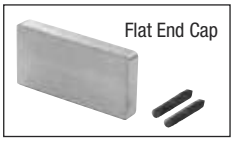




338 Series

337 Series

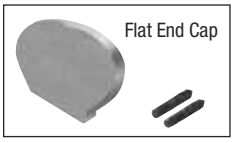
337 Series Cap Rails use ST302 Adapter Strips.
338 Series Cap Rails use ST307 Adapter Strips (see next page).





339 Series

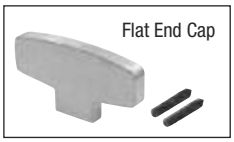
339 Series Cap Rails use ST302 Adapter Strips (see next page).





376 Series

376 Series Cap Rails use ST302 Adapter Strips (see next page).





398 Series

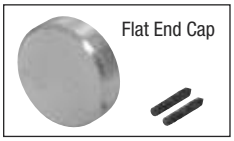
398 Series Cap Rails use ST302 Adapter Strips (see next page)





636, 637, and 638 Series

636, 637, and 638 Series Cap Rails use ST300 Adapter Strips (see next page).





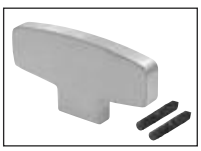
346 and 347 Series

346 and 347 Series Cap Rails use ST302 Adapter Strips (see next page).





Flat End Caps





397 Series

372 Series

373 Series

397, 372, and 373 Series Cap Rails use ST307 Adapter Strips (see next page).

Flat End Caps







631 Series

632 Series

633 Series



631, 632, and 633 Series Cap Rails use ST300 Adapter Strips (see next page).

CRL Blumcraft 324 Series Extruded Aluminum Cap Rails

- For 1/2" (12 mm) Tempered Glass
- Extruded Heavy-Duty Solid Aluminum Construction

MORE MODELS crlaurence.com



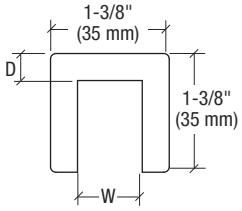
Install Cap Rail over stainless steel Adapter Strips on glass edge.



Use Cat. No. 22A58 Splice Pins for a secure joint.

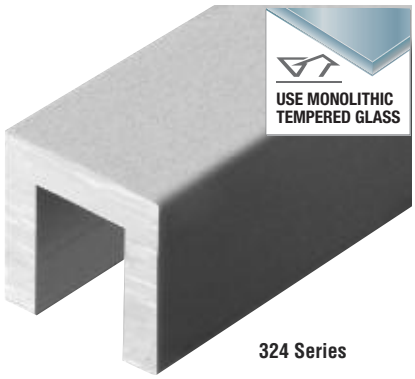


Tighten set screws to secure to glass using a 1/8" hex key (not included).



324 Series Cap Rail

BLUMCRAFT
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324 Series

324 SERIES 1-3/8" X 1-3/8" (35 X 35 MM) ALUMINUM CAP RAIL IN 120" (3.05 M) LENGTHS

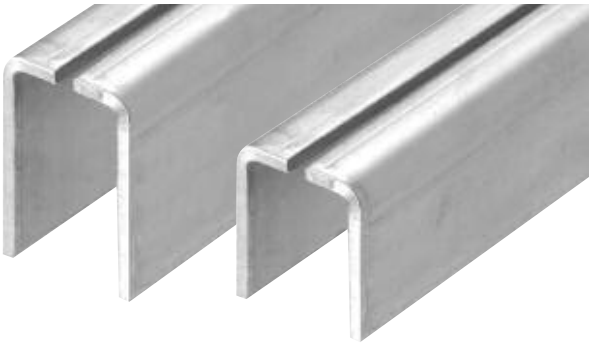
CAT. NO.	GRADE	FINISH	"W" WIDTH	"D" DEPTH	USE ADAPTER STRIP NO.	USE SPLICE PIN NO.
324SA	6063-T5	Satin Anodized	3/4" (19 mm)	5/16" (8 mm)	ST302	22A58
324DU	6063-T5	Dark Bronze Anodized	3/4" (19 mm)	5/16" (8 mm)	ST302	22A58
324M	6063-T5	Mill Aluminum	3/4" (19 mm)	5/16" (8 mm)	ST302	22A58

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier.

NOTE: Each Cap Rail comes complete with pre-drilled holes 24" (610 mm) on center and set screws along one side of the Cap Rail for proper attachment to the ST302 Adapter Strips.

CRL Blumcraft Stainless Steel Adapter Strips

- Provides Secure Fit Between Glass and Cap Rail
- Sets Are 48" (1219 mm) Long
- Install With CRL's Very High Bond Tape (Sold Separately, See Page SD129)







CAT. NO.	DESCRIPTION	FOR USE WITH
ST302	48" (1219 mm) Adapter Strips 2 Per Set	324, 337, 339, 346, 347, 376, 398 Series Cap Rails
ST307	48" (1219 mm) Adapter Strips 2 Per Set	338, 372, 373, 397 Series Cap Rails
ST300	48" (1219 mm) Adapter Strips 2 Per Set	631, 632, 633, 636, 637, 638 Series Cap Rails

Minimum order: 1 set. All Adapter Strips can be combined for quantity pricing.



Adapter Strips shown between glass and Extruded Cap Rail.

CRL Blumcraft Splice Pin Set

- 304 Grade Stainless Steel Pins Designed for Use With Blumcraft's Extruded Aluminum Cap Rails
- Provides Alignment and Secure Joining at Splice Locations



Each Set Consists of:
2 each Splice Pins 10-24 x 1/2"
1-5/16" (33.3 mm) Overall Length
2 each Set Screws 8-32 x 3/8"



CAT. NO.	DESCRIPTION
22A58	Stainless Steel Splice Pin Set

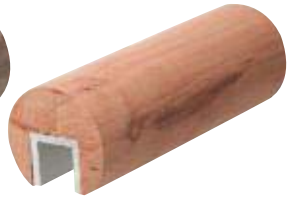
Minimum order: 1 set. **NOTE:** Set screws require an 1/8" hex key (not included).

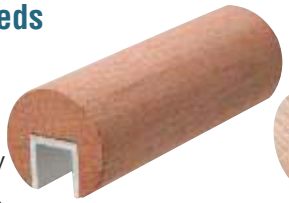
CRL Wood Cap Rails for 1/2" (12 mm), 5/8" (16 mm) or 3/4" (19 mm) Glass

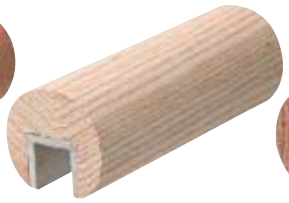
- 10 Foot (3.05 m) Stock Lengths Available in a Variety of Hardwoods
- Extruded Aluminum Interior Glass Pocket
- Custom Ordered to Meet Your Specific Needs
- Custom Diameters and Shapes Available




Walnut


Cherry

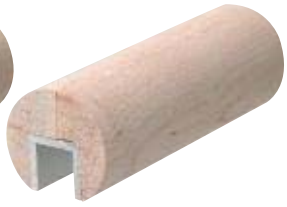

Mahogany


White Oak


Red Oak


Ash

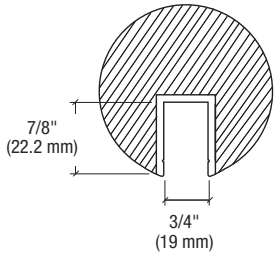

Poplar


Maple

Delivery is dependent on availability of the wood and production time. Maximum 10 foot (3.05 m) lengths are standard; longer lengths are available on special order and dependent upon wood selected. All Wood Cap Rails ship unfinished, and are ready to be stained at the job site. CRL Cat. No. CRLWB1 Wood Biscuits are available for corner fabrication.

NOTE: 95CBL Silicone (see page HR048) and Tuff-Pak Glass Setting Tape should be used to secure the Wood Cap Rail to tempered glass.

120" (3.05 m) Wood Cap Rails for 1/2" (12 mm) or 5/8" (16 mm) Glass



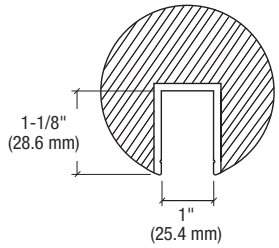
CRL Wood Flat End Caps

CRL's Wood End Caps are cut to size and are ready to install. End Caps are designed to be glued to the end of CRL's Wood Cap Rails.

MORE CHOICES crlaurence.com



120" (3.05 m) Wood Cap Rails for 3/4" (19 mm) Glass



CRL Wood Dome End Caps

Custom shapes and sizes are also available in a variety of hardwoods.



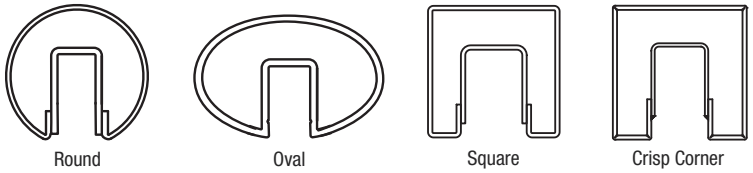
Installation aids, such as Wood Biscuits and Wood Glue are at crlaurence.com/cap-railing





CRL Custom Cap Rail Fabrication

- **Cutting, Mitering, Drilling, Bending, and Welding to Create the Perfect Cap Rail**
- **Round, Oval, Square, Even With Crisp Corners - We Can Do It All**



CRL offers state-of-the-art custom fabrication to create the perfect Cap Rail for any project. No matter how difficult the install, CRL Manufacturing will assist with design plans for Cap Rails that are fabricated to reduce your labor time and effort.

All work is done in our California manufacturing facility, so we are in control of every step, from design to shipping. And we use only the finest materials for uniform fit and finish.

So if you have a railing project in need of something out of the ordinary, or a difficult install that is beyond your experience, contact CRL Railing Technical Sales. We will work with you to assure your railing project is the success your customers expect.

MORE INFORMATION
crlaurence.com







CRL Custom Cap Rail Finishing

- **Many Finishing Options, Including Anodizing, Painting, Powder Coating, Brushing, and Polishing are All Done in CRL's Own Plant**

At CRL we operate our own Polishing and Finishing Department in a climate controlled environment. We're experts in working with stainless steel, brass, and aluminum to produce painted, satin, brushed, hairline, and bright polished finishes. Whatever your requirement, we can provide beautifully finished Cap Railing to your specifications.







CRL EGR Elevated Glass Railing System

- Provides Excellent Drainage Capability for Residential or Commercial Applications
- Excellent for High-Rise Balconies
- Meets or Exceeds Guard Rail Code Standards
- Specially Designed Base Shoe Accepts 1/2" (12 mm) Monolithic Tempered Glass
- Seven Standard Powder Coated Finishes, Plus Mill Aluminum; Custom Finishes Also Available
- Custom Drilling and Fabrication Available

CRL's EGR Elevated Glass Railing System was designed for those applications that require substantial clearance underneath the Base Shoe for drainage, such as the balconies of high-rise hotels or condominiums. The EGR System allows water and debris to escape beneath the Base Shoe, and not dam up over time. This attractive system will meet these requirements and, at the same time, look good doing it.



STANDARD COLORS



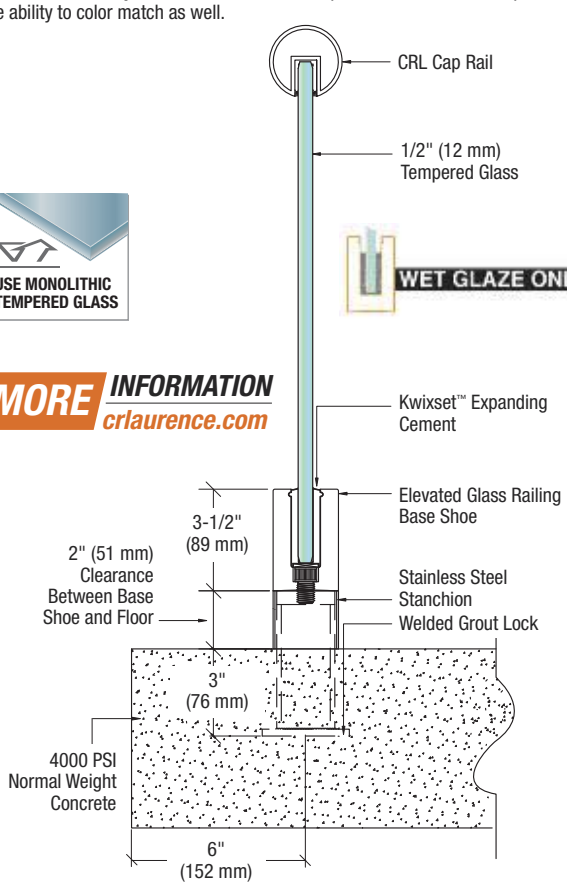
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.





MORE INFORMATION
crlaurence.com





CRL EGR Elevated Glass Railing Base Shoe

- Ideal for Balconies That Require Clearance Under the Bottom Rail for Drainage
- Seven Standard Powder Coated Finishes; Custom Colors Also Available
- Pre-Drilled Slotted Holes 24" (610 mm) on Center for Easy Installation
- Custom Drilling and Fabrication Available

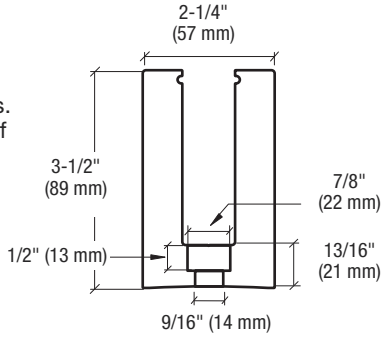






Gasket Retention Groove Secures the Top Rubber Gasket in the Base Shoe

CRL's EGR Elevated Glass Railing Base Shoe is used as the base channel for elevated 1/2" (12 mm) tempered glass balusters utilizing the Wet Glaze Method of installing the glass. It is perched atop our EGR Stanchions to allow for drainage of water and debris, which is critical in high-rise and other commercial applications.



CAT. NO.	DESCRIPTION	FINISH
EGRB10D	*120" (3.05 m) Elevated Base Shoe	Mill
EGRB10DP▲	*120" (3.05 m) Elevated Base Shoe	Powder Coated

Minimum order: 1 each. * Stock lengths have a tolerance of plus or minus 3/4" (19 mm).
Must ship common carrier. ▲Specify powder coat color when ordering (see opposite page for standard colors).

MORE INFORMATION crlaurence.com

CRL EGR Stanchion Assembly

- Supplied Complete With Steel Washer and Ready to Install Into Concrete Substrate
- Grade 304 Stainless Steel

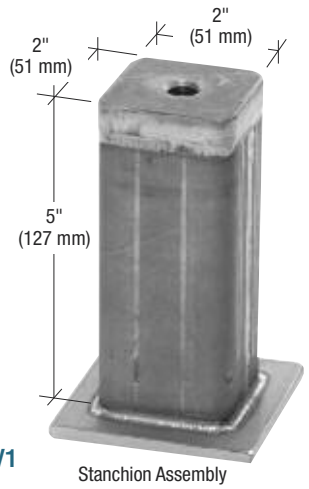
CRL's EGR Stanchions are designed for core-mounted installations in concrete. When installing the 5" (127 mm) Stanchions the minimum embedment depth is 3" (76 mm), giving you a 2" (51 mm) clearance under the Elevated Base Shoe. **NOTE:** Use CRL Cat. No. SHCS12X34 Socket Head Cap Screws (see page HR277) to properly secure the Base Shoe with the included Steel Washer to the Stanchion.

CAT. NO.	DESCRIPTION	FINISH
EGRSA4	5" (127 mm) Stanchion Assembly	Mill
EGRW1	Replacement Steel Washer	*Mill

Minimum order: 1 each. *Minimum order 10 each.



Steel Washer
CAT. NO. EGRW1



Stanchion Assembly

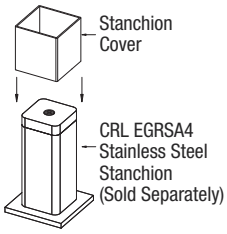


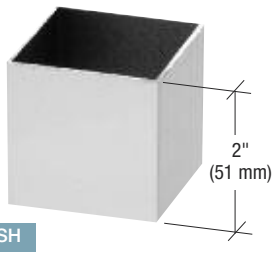
Shown with Stanchion Cover (Sold Separately see below)

CRL EGR Stanchion Covers

- Sleeve Over EGR Stanchion
- Available Pre-Cut for Easy Installation

CRL's EGR Aluminum Stanchion Covers are design to sleeve over the embedded Stainless Steel Stanchions before the Base Shoe is installed. Standard 2" (51 mm) size or 36" (914 mm) lengths you can cut to required height.



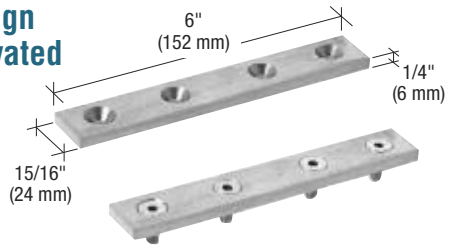


CAT. NO.	LENGTH	FINISH
EGRSC2M	2" (51 mm)	Mill Aluminum
EGRSC36M	36" (914 mm)	Mill Aluminum

Minimum order: 1 each.

CRL EGR Splice Plates

- Designed to Align and Splice Elevated Base Shoe
- 304 Alloy Stainless Steel
- Supplied With Anchor Screws



CRL's EGR Stainless Steel Splice Plates are used to splice together straight lengths of the Elevated Glass Railing Base Shoe. Splice Plates are constructed from 304 alloy stainless steel. Each Splice Plate is supplied with four 1/2"-13 x 2" (51 mm) Flat Socket Head Stainless Screws.

CAT. NO.	DESCRIPTION	MATERIAL
EGRSP1	Splice Plate	Stainless Steel

Minimum order: 10 each. Must be ordered in increments of 10.

CRL Standoff Railing System



- For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass Using DuPont® SentryGlas® Interlayers
- Exterior and Interior Applications
- Two Architectural Finishes Available
- Powder Coated Finishes are Also Available
- Compact Design for Minimal Obstruction
- Designed for Guard Rail, Stairway or Ramp Areas
- Meets or Exceeds A.D.A. Requirements
- Custom Engineering and Fabrication Available

ARCH. SPEC. ONLINE



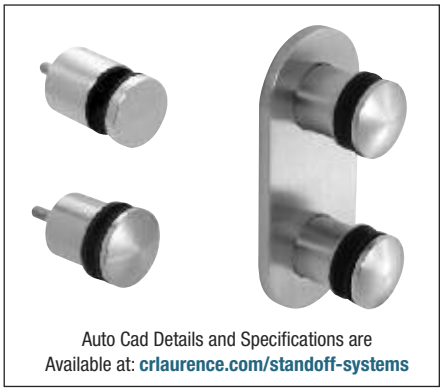
or



C.R. Laurence Company is now manufacturing our own Standoff Railing System. By specializing in the design and manufacturing of this innovative system, we offer you the ability to create custom railings that will address project-specific criteria. Product development is an ongoing process at CRL. Rest assured that the products we offer will represent the current evolution of the railing industry.

MORE INFORMATION crlaurence.com

For a full line of Cap Rails, Hand Rails, and Hand Rail Brackets, visit **crlaurence.com/railing-systems**.



Auto Cad Details and Specifications are Available at: **crlaurence.com/standoff-systems**

Optional Hand Rail Tubing

1-1/2" (38 mm) Diameter Aluminum Hand Rail (see page HR191)



1-1/2" (38 mm) Diameter Stainless Steel Hand Rail (see pages HR190-HR191)



1.66" (42 mm) Diameter Stainless Steel Hand Rail (see page HR191)



Optional Cap Rails

U-Channel Cap Rails (see pages HR076-HR081)



Premium Cap Rails (see pages HR054-HR055)

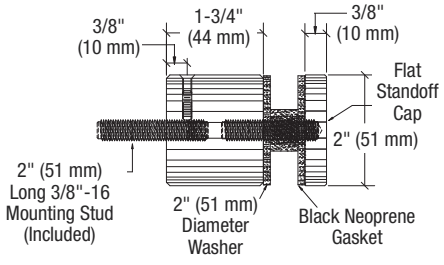


Extruded Aluminum Cap Rails (see pages HR068-HR071)



CRL Point Supported Standoff Base and Flat Cap

- For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass Using DuPont® SentryGlas® Interlayers
- Brushed or Polished 316 Grade Stainless Finishes Available



SPECIFICATIONS:

For use with 1/2" or 3/4" (12 or 19 mm) Monolithic Tempered Glass. Also for use with 9/16" or 27/32" (13.52 or 21.52 mm) Laminated Tempered Glass using DuPont® SentryGlas® Interlayers (Do not use with raw or annealed glass)

Glass Fabrication:

One 3/4" (19 mm) Diameter Hole Per Fitting

Spacing:

Maximum horizontal spacing between fittings depends on its use and mounting conditions. The minimum height spacing is 4" (102 mm) center-to-center. Full engineering reports are available at **crlaurence.com/engineering**.



CAT. NO.	GRADE	FINISH
RS0B2134BS	316	Brushed Stainless
RS0B2134PS	316	Polished Stainless

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Dupont and SentryGlas are registered trademarks of E.I. du Pont de Nemours and Company.

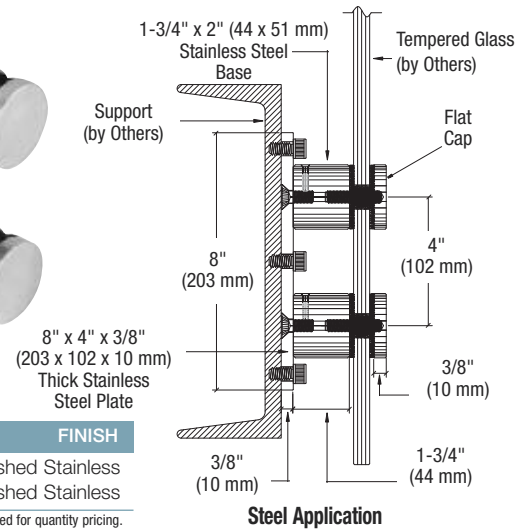
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Point Supported Standoff Fitting With Flat Caps and Back Plate

- **For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Glass Using DuPont® SentryGlas® Interlayers**

ARCH. SPEC. ONLINE





Steel Application

SPECIFICATIONS:
For use with 1/2" or 3/4" (12 or 19 mm) Monolithic Tempered Glass. Also for use with 9/16" or 27/32" (13.52 or 21.52 mm) Laminated Tempered Glass using DuPont® SentryGlas® Interlayers. (Do not use with raw or annealed glass)

Glass Fabrication: Two 3/4" (19 mm) Diameter Holes Per Fitting

Spacing: Maximum horizontal spacing between fittings depends on its use and mounting conditions. Full engineering reports are available at crlaurence.com/engineering.

CAT. NO.	GRADE	FINISH
RS0B20BS	316	Brushed Stainless
RS0B20PS	316	Polished Stainless

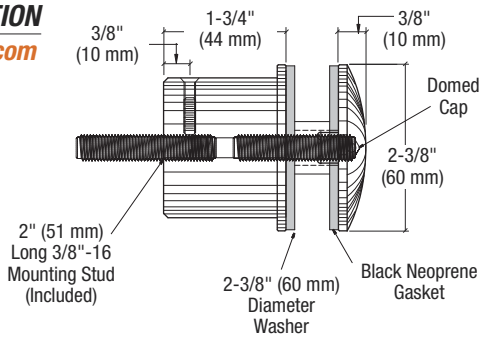
Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Point Supported Standoff Base and Domed Cap

- **For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass Using DuPont® SentryGlas® Interlayers**

MORE INFORMATION crlaurence.com





SPECIFICATIONS:
For use with 1/2" or 3/4" (12 or 19 mm) Monolithic Tempered Glass. Also for use with 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass using DuPont® SentryGlas® Interlayers (Do not use with raw or annealed glass)

Glass Fabrication: One 3/4" (19 mm) Diameter Hole Per Fitting

Spacing: Maximum horizontal spacing between fittings depends on its use and mounting conditions. The minimum height spacing is 4" (102 mm) center-to-center. Full engineering reports are available at crlaurence.com/engineering.

- **Brushed or Polished 316 Grade Stainless Finishes Available**

CAT. NO.	GRADE	FINISH
RS0B2135BS	316	Brushed Stainless
RS0B2135PS	316	Polished Stainless

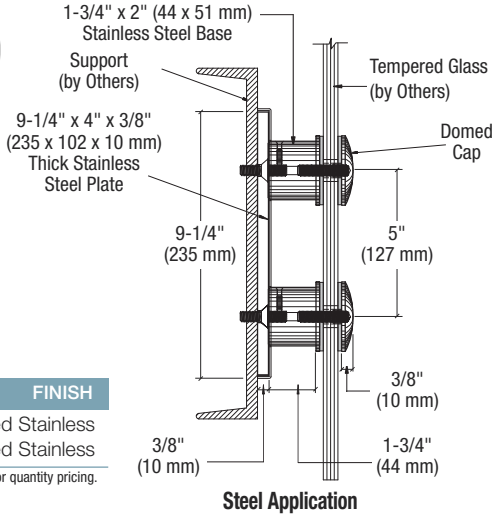
Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Point Supported Standoff Fitting With Domed Caps and Back Plate

- **For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass Using DuPont® SentryGlas® Interlayers**

ARCH. SPEC. ONLINE





Steel Application

SPECIFICATIONS:
For use with 1/2" or 3/4" (12 or 19 mm) Monolithic Tempered Glass. Also for use with 9/16" or 27/32" (13.52 or 21.52 mm) Laminated Tempered Glass using DuPont® SentryGlas® Interlayers (Do not use with raw or annealed glass)

Glass Fabrication: Two 3/4" (19 mm) Diameter Holes Per Fitting

Spacing: Maximum horizontal spacing between fittings depends on its use and mounting conditions. Full engineering reports are available at crlaurence.com/engineering.

CAT. NO.	GRADE	FINISH
RS0B25BS	316	Brushed Stainless
RS0B25PS	316	Polished Stainless

Minimum order: 1 each. Finishes can be combined for quantity pricing.

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CRL Adjustable Strap Wrench



- **Adjustable From 3/4" to 4" (19 to 102 mm)**

Our Adjustable Strap Wrench is the perfect tool for anyone installing Standoff Bases or polished threaded tubing. The strap is easily adjustable from 3/4" to 4" (19 to 102 mm) diameter using a conveniently located thumb lever in the handle. Minimum order is one each.



CAT. NO. ASW12

CRL Cap Wrench for CRL's Glass Rail Standoff Fittings

MORE INFORMATION crlaurence.com



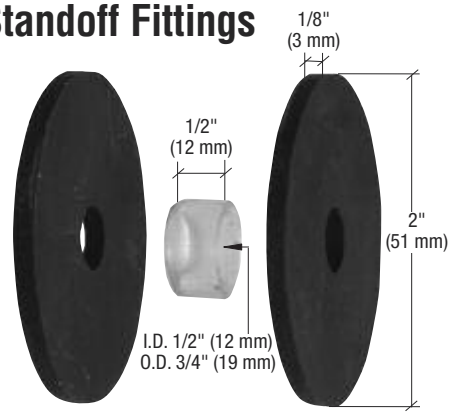
This convenient Cap Wrench provides a quick and efficient method of tightening and loosening the Cap Assembly of Round Standoffs from 1-1/2" to 2" (38 to 51 mm) in diameter.

CAT. NO. SSW12

CRL Replacement Gasket Set for RS0B Series Standoff Fittings

Each Gasket Set Includes:
- 1 Each Grommet
- 2 Each Black Neoprene Gaskets

Replacement Gasket sets are designed for use with CRL's Point Supported Standoff Fittings.



CAT. NO.	WORKS WITH
RS0BRG1	RS0B20, RS0B2134
RS0BRG2	RS0B25, RS0B2135

Minimum order: 1 each.

CRL Replacement Standoff Caps for Point Supported Standoff Fittings

Each Cap Assembly Includes:
- 1 Each Cap
- 1 Each 3/8"-16 Allen Screw
- 1 Each Grommet
- 2 Each Black Neoprene Gaskets

Replacement Caps are designed for use with CRL's Point Supported Standoff Fittings. 316 alloy stainless steel.

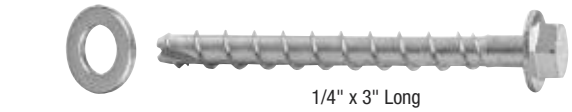


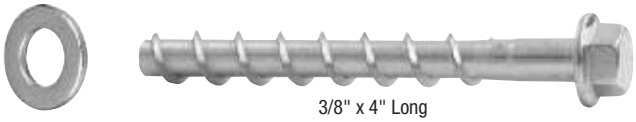
Flat Cap 2" (51 mm) | Dome Cap 2-3/8" (60 mm)

CAT. NO.	FINISH	DESCRIPTION
RCAP2BS	Brushed Stainless	Flat Cap for RS0B20BS/RS0B2134BS
RCAP2PS	Polished Stainless	Flat Cap for RS0B20PS/RS0B2134PS
RCAP3BS	Brushed Stainless	Dome Cap for RS0B25BS/RS0B2135BS
RCAP3PS	Polished Stainless	Dome Cap for RS0B25PS/RS0B2135PS

Minimum order: 1 each. Sizes can be combined for quantity pricing.

Hilti® KWIK HUS-EZ Screw Anchors





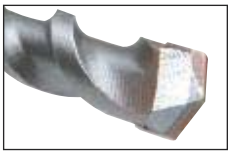
- **Heat Treated Carbon Steel**
- **Great for Railing and Windscreen Applications**

CAT. NO.	DESCRIPTION	QTY/BOX
WBA14X3	1/4" x 3" (6 x 76 mm) Screw Anchor	50
WBAW14*	1/4" (6 mm) Washer for WBA14X3	50
WBA38X4	3/8" x 4" (10 x 102 mm) Screw Anchor	50
WBAW38*	3/8" (10 mm) Washer for WBA38X4	50

Minimum order is 50 each. Must be ordered in increments of 50. *Must be used with Wedge-Bolt Anchors to achieve the required attachment strength.

Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation

CRL S.D.S. Masonry Drills



- **ANSI Specifications for Wedge-Bolts**
- **Work in Regular and Impact Drills**



S.D.S. Masonry Drills are made to the ANSI Specifications required for the proper performance of Hilti® KWIK HUS-EZ Screw Anchors. Life expectancy: 100-500 holes, depending on substrate and drill used. They work in both regular and impact drills, and can be used in a variety of masonry materials.

CAT. NO.	DIAMETER	LENGTH
SDSW12	.495" (13 mm)	12" (305 mm)
SDSW38	.389" (10 mm)	12" (305 mm)
SDSW14	.259" (7 mm)	8" (203 mm)

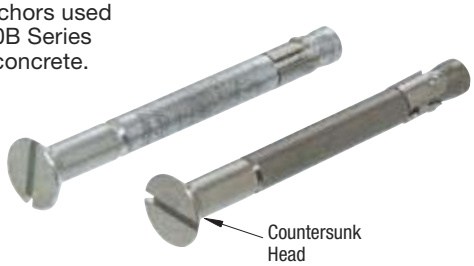
Minimum order: 1 each. Sizes can be combined for quantity pricing.

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From Anywhere in the U.S. or Canada

CRL Standoff Railing Attachment Fasteners

MORE CHOICES crlaurence.com

Hilti® Kwik Bolt 3 are expansion anchors used to secure RS0B Series Standoffs to concrete.

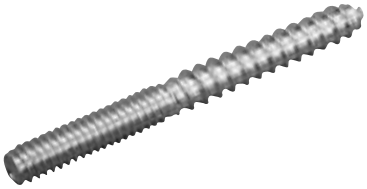


KWIK BOLT 3

CAT. NO.	GRADE	SIZE
EBA336	18-8 Stainless	3/8" x 4" (102 mm)
EBA337	Carbon Steel	3/8" x 4" (102 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

Dual-threaded Hanger Bolts are available in 304 stainless and can be used in wood substrates.



HANGER BOLTS

CAT. NO.	GRADE	SIZE
HB38112S	304 Stainless	3/8"-16 x 1-1/2" (38 mm)
HB38212S	304 Stainless	3/8"-16 x 2-1/2" (64 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

MORE INFORMATION crlaurence.com

These Hex and Nylock Hex Nuts are used with Allen Screws or Threaded Rod for securing 1-1/2" (38 mm) diameter Standoffs.


Hex Nut


Nylock Hex Nut

HEX AND NYLOCK HEX NUTS

CAT. NO.	GRADE	TYPE	SIZE
HN3816S	304 Stainless	Hex	3/8"-16
NLN3816S	304 Stainless	Nylock	3/8"-16

Minimum order: 10 each. Must be ordered in increments of 10. Sizes can be combined for quantity pricing.

Flat and Lock Washers are used when attaching Standoffs to panels or substrates.


Flat Washer


Lock Washer

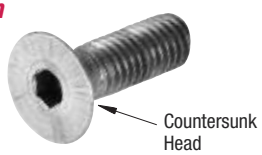
FLAT AND LOCK WASHERS

CAT. NO.	GRADE	TYPE	SIZE
FW38S	304 Stainless	Flat	3/8"-16
LW38S	304 Stainless	Lock	3/8"-16

Minimum order: 10 each. Must be ordered in increments of 10. Sizes can be combined for quantity pricing.

Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation.

Socket Flat Head Cap Screws are used to secure RS0B Series Standoffs to a steel substrate.



SOCKET FLAT HEAD CAP SCREWS

CAT. NO.	GRADE	SIZE
SHCSF3816X1	18-8 Stainless	3/8"-16 x 1" (25 mm)

Minimum order: 10 each. Must be ordered in increments of 10.
Can be combined with other Cap Screws for quantity pricing.

Socket Head Cap Screws are used to secure RS0B20 Standoffs to a steel substrate with a minimum of 3/8" (10 mm) of thread engagement.

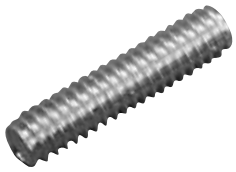


SOCKET HEAD CAP SCREWS

CAT. NO.	GRADE	SIZE
SHCS38X34	304 Stainless	3/8"-16 x 3/4" (19 mm)
SHCS38X112	304 Stainless	3/8"-16 x 1-1/2" (38 mm)

Minimum order: 10 each. Must be ordered in increments of 10.
Can be combined with other Cap Screws for quantity pricing.

Stainless Steel Allen Screws are available in incremental lengths from 1" to 2" (25 to 51 mm) for RS0B Series Standoffs.



ALLEN SCREWS

CAT. NO.	GRADE	SIZE
AS381	304 Stainless	3/8"-16 x 1" (25 mm)
AS38114	304 Stainless	3/8"-16 x 1-1/4" (32 mm)
AS38112	304 Stainless	3/8"-16 x 1-1/2" (38 mm)
AS38134	304 Stainless	3/8"-16 x 1-3/4" (44 mm)
AS382	304 Stainless	3/8"-16 x 2" (51 mm)

Minimum order: 10 each. Must be ordered in increments of 10. Sizes can be combined for quantity pricing.

Full 36" (914 mm) lengths of stainless Threaded Rod will permit you to cut Rod to length required for secure mounting.



THREADED RODS

CAT. NO.	GRADE	SIZE
TR3816X36S	304 Stainless	3/8"-16 x 36" (914 mm)

Minimum order: 1 each.

Acorn Nuts are commonly used for applications that need a finished top. **NOTE:** Allen Screws or Threaded Rods must be installed to proper length during installation for Acorn nut to fit properly.


Acorn Nut

ACORN NUTS

CAT. NO.	GRADE	SIZE
ACN3816S	304 Stainless	3/8"-16

Minimum order: 10 each. Must be ordered in increments of 10.

CRL POST RAILING SYSTEMS



Project: Montclair Mall, Montclair, CA
System: Custom P8 Series Fascia Mount Post Railing System With Glass Infill



Project: Private Residence, Los Angeles, CA
System: P7 Series Post Railing System With Cable Infill



Project: CityCenter, Las Vegas, NV
System: Custom P5 Series Post Railing System With Glass Infill



Project: Office Building, Edmonton, Alberta, Canada
System: P8 Series Post Railing System With Glass Infill



Project: Museum, Baltimore, MD
System: CRS Post Railing System With Glass Infill

Online Photo Gallery

When you visit **crlaurence.com/gallery** you can view our photo galleries of finished projects. It's a great way to show your customers what can be accomplished when they specify CRL Architectural Hardware Products.

CRL Stainless Steel P-Series Post Railing Kits

USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS



P1 Series | P2 Series | P3 Series | P4 Series | P5 Series | P6 Series | P7 Series | P8 Series

- Post Kits Designed for Interior or Exterior Hand Rail and Guard Rail Applications
- Designed and Engineered to Meet or Exceed Building Codes
- For Use With 1/2" (12 mm) to 1" (25 mm) Thick Panels
- Low Maintenance 304 Alloy Stainless Steel Posts are Ready to Install
- Two Standard Stainless Finishes, With Custom Powder Paint Finishes Also Available
- Standard 36" (914 mm) and 42" (1067 mm) Post Heights Available
- Custom Styles and Heights on Special Order
- Glass Attachment Fittings Sold Separately

MORE INFORMATION crlaurence.com

C.R. Laurence manufactures a comprehensive selection of Post Railing Kits that combine the durability of stainless steel components with innovative designs and engineering. This ensures long-term structural integrity and enhances project aesthetics. Our P-Series Post Railing Kits offer a choice of eight distinctive designs for both commercial and residential applications. All are designed and engineered to meet or exceed most local building codes. Posts are fabricated from 304 alloy stainless steel, and come ready to install. Standard Post heights are 36" and 42" (914 and 1067 mm), but you can also order them in custom heights to meet your exact requirements. Standard finishes are brushed and polished stainless steel, with custom powder paint finishes available on special order. For the top rail you can select either 1-1/4" or 1-1/2" (32 or 38 mm) Schedule 40 Hand Rail Tubing (see page HR096) in complementary or contrasting finishes. **NOTE**: The tempered glass or laminated tempered glass is supplied by the customer, and must be fabricated with pre-drilled holes to be fastened to the Posts. CRL does not supply the glass, but can assist with the drilling information. Please contact CRL Technical Sales for assistance in planning your Post Railing project.





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Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Post Railing Kits

- For Use With 1/2" to 1" (12 mm to 25 mm) Thick Panels
- Glass Attachment Fittings Sold Separately (See Pages HR100 to HR101)
- Meets or Exceeds Code Standards



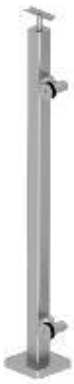
or



- Top Saddle Supports 1-1/4" or 1-1/2" (32 or 38 mm) Diameter Schedule 40 Hand Rail Tubing (See Page HR096)
- Standard Post Heights are 36" and 42" (914 and 1067 mm), With Custom Heights Available
- Two Standard Stainless Finishes, With Custom Powder Paint Finishes Also Available

CRL US ALUMINUM MANUFACTURED IN THE USA

CRL P1 Series Post Railing Kits



End Post Kit



180 Degree Center Post Kit



90 Degree Corner Post Kit

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	POST TYPE	FINISH
P136EBS	P142EBS	End	Brushed Stainless
P136EPS	P142EPS	End	Polished Stainless
P136CBS	P142CBS	180° Center	Brushed Stainless
P136CPS	P142CPS	180° Center	Polished Stainless
P136LBS	P142LBS	90° Corner	Brushed Stainless
P136LPS	P142LPS	90° Corner	Polished Stainless

Minimum order: 1 each. All Post Railing Kits can be combined for quantity pricing.

CRL P2 Series Post Railing Kits



Left End Post Kit



Right End Post Kit



180 Degree Center Post Kit

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	POST TYPE	FINISH
P236LEBS	P242LEBS	Left End	Brushed Stainless
P236LEPS	P242LEPS	Left End	Polished Stainless
P236REBS	P242REBS	Right End	Brushed Stainless
P236REPS	P242REPS	Right End	Polished Stainless
P236CBS	P242CBS	180° Center	Brushed Stainless
P236CPS	P242CPS	180° Center	Polished Stainless

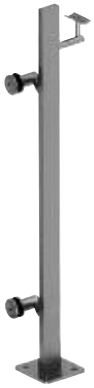
Minimum order: 1 each. All Post Railing Kits can be combined for quantity pricing.

CRL P3 Series Post Railing Kits

- Hand Rail Brackets Sold Separately (See Pages HR199 to HR206)



Left End Post Kit



Right End Post Kit



180 Degree Center Post Kit

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	POST TYPE	FINISH
P336LEBS	P342LEBS	Left End	Brushed Stainless
P336LEPS	P342LEPS	Left End	Polished Stainless
P336REBS	P342REBS	Right End	Brushed Stainless
P336REPS	P342REPS	Right End	Polished Stainless
P336CBS	P342CBS	180° Center	Brushed Stainless
P336CPS	P342CPS	180° Center	Polished Stainless

Minimum order: 1 each. All Post Railing Kits can be combined for quantity pricing.

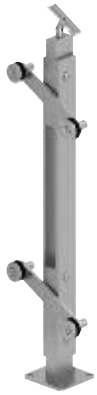
CRL P4 Series Post Railing Kits

- Glass Attachment Fittings Included

MORE INFORMATION crlaurence.com



End Post Kit



180 Degree Center Post Kit

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	POST TYPE	FINISH
P436EBS	P442EBS	End	Brushed Stainless
P436EPS	P442EPS	End	Polished Stainless
P436CBS	P442CBS	180° Center	Brushed Stainless
P436CPS	P442CPS	180° Center	Polished Stainless

Minimum order: 1 each. All Post Railing Kits can be combined for quantity pricing.

CRL Post Railing Kits

- For Use With 1/2" to 1" (12 mm to 25 mm) Thick Panels
- Glass Attachment Fittings Sold Separately (See Pages HR100 to HR101)
- Meets or Exceeds Code Standards



or



- Top Saddle Supports 1-1/4" or 1-1/2" (32 or 38 mm) Diameter Schedule 40 Hand Rail Tubing (See Page HR096)
- Standard Post Heights are 36" and 42" (914 and 1067 mm), With Custom Heights Available
- Two Standard Stainless Finishes, With Custom Powder Paint Finishes Also Available

CRL P5 Series Post Railing Kits



Left End Post Kit | Right End Post Kit | 180 Degree Center Post Kit

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	POST TYPE	FINISH
P536LEBS	P542LEBS	Left End	Brushed Stainless
P536LEPS	P542LEPS	Left End	Polished Stainless
P536REBS	P542REBS	Right End	Brushed Stainless
P536REPS	P542REPS	Right End	Polished Stainless
P536CBS	P542CBS	180° Center	Brushed Stainless
P536CPS	P542CPS	180° Center	Polished Stainless

Minimum order: 1 each. All Post Railing Kits can be combined for quantity pricing.

CRL P6 Series Post Railing Kits



End Post Kits | 90 Degree Corner Post Kits | 180 Degree Center Post Kits | 135 Degree Angle Post Kits

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	POST TYPE	FINISH
P636EBS	P642EBS	End	Brushed Stainless
P636EPS	P642EPS	End	Polished Stainless
P636LBS	P642LBS	90° Corner	Brushed Stainless
P636LPS	P642LPS	90° Corner	Polished Stainless
P636CBS	P642CBS	180° Center	Brushed Stainless
P636CPS	P642CPS	180° Center	Polished Stainless
P636ABS	P642ABS	135° Angle	Brushed Stainless
P636APS	P642APS	135° Angle	Polished Stainless

Minimum order: 1 each. All Post Railing Kits can be combined for quantity pricing. Uses GRP Series Spider Fittings sold separately (See pages CH307-CH309).

CRL P7 Series Post Railing Kits



End Post Kit | 90 Degree Corner Post Kit | 180 Degree Center Post Kit | 135 Degree Angle Post Kit

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	POST TYPE	FINISH
P7F36EBS	P7F42EBS	End	Brushed Stainless
P7F36EPS	P7F42EPS	End	Polished Stainless
P7F36LBS	P7F42LBS	90° Corner	Brushed Stainless
P7F36LPS	P7F42LPS	90° Corner	Polished Stainless
P7F36CBS	P7F42CBS	180° Center	Brushed Stainless
P7F36CPS	P7F42CPS	180° Center	Polished Stainless
P7F36ABS	P7F42ABS	135° Angle	Brushed Stainless
P7F36APS	P7F42APS	135° Angle	Polished Stainless

Minimum order: 1 each. All Post Railing Kits can be combined for quantity pricing.

CRL P8 Series Post Railing Kits



End Post Kit | 90 Degree Corner Post Kit | 180 Degree Center Post Kit | 135 Degree Angle Post Kit

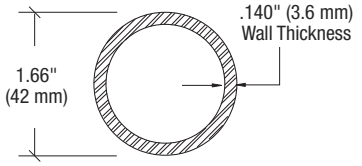
36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	POST TYPE	FINISH
P8F36EBS	P8F42EBS	End	Brushed Stainless
P8F36EPS	P8F42EPS	End	Polished Stainless
P8F36LBS	P8F42LBS	90° Corner	Brushed Stainless
P8F36LPS	P8F42LPS	90° Corner	Polished Stainless
P8F36CBS	P8F42CBS	180° Center	Brushed Stainless
P8F36CPS	P8F42CPS	180° Center	Polished Stainless
P8F36ABS	P8F42ABS	135° Angle	Brushed Stainless
P8F36APS	P8F42APS	135° Angle	Polished Stainless

Minimum order: 1 each. All Post Railing Kits can be combined for quantity pricing.

CRL 1-1/4" Schedule 40 Pipe Rail Tubing

MORE INFORMATION crlaurence.com

- 1.66" (42 mm) Outside Diameter Tubing Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas





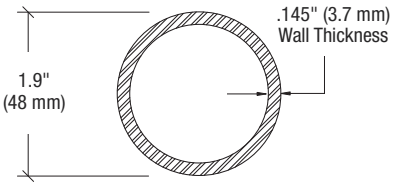
CAT. NO.	GRADE	FINISH	WALL THICKNESS	LENGTH	USE SLEEVE NO.
PR12BS10	304	Brushed Stainless	.140" (3.6 mm)	120" (3.05 m)	PR16CSS
PR12BS20	304	Brushed Stainless	.140" (3.6 mm)	240" (6.10 m)	PR16CSS
PR12PS10	304	Polished Stainless	.140" (3.6 mm)	120" (3.05 m)	PR16CSS
PR12PS20	304	Polished Stainless	.140" (3.6 mm)	240" (6.10 m)	PR16CSS

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing. Must ship via common carrier.

CRL's 1-1/4" Schedule 40 Pipe Rail Tubing is formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splice and end cap locations. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond at all connections.

CRL 1-1/2" Schedule 40 Pipe Rail Tubing

- 1.9" (48 mm) Outside Diameter Tubing Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas





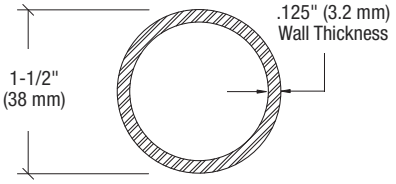
CAT. NO.	GRADE	FINISH	WALL THICKNESS	LENGTH	USE SLEEVE NO.
PR15BS10	304	Brushed Stainless	.145" (3.7 mm)	120" (3.05 m)	PR19CSS
PR15BS20	304	Brushed Stainless	.145" (3.7 mm)	240" (6.10 m)	PR19CSS
PR15PS10	304	Polished Stainless	.145" (3.7 mm)	120" (3.05 m)	PR19CSS
PR15PS20	304	Polished Stainless	.145" (3.7 mm)	240" (6.10 m)	PR19CSS

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing. Must ship via common carrier.

CRL's 1-1/2" Schedule 40 Pipe Rail Tubing is formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splice and end cap locations. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond at all connections.

CRL 1-1/2" O.D. Pipe Rail Tubing

- 1-1/2" (38 mm) O.D. Outside Diameter Tubing Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas





CAT. NO.	GRADE	FINISH	WALL THICKNESS	LENGTH	USE SLEEVE NO.
HRH15BS	304	Brushed Stainless	.125" (3.2 mm)	240" (6.10 m)	HRH15CSS
HRH15PS	304	Polished Stainless	.125" (3.2 mm)	240" (6.10 m)	HRH15CSS

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing. Must ship via common carrier.

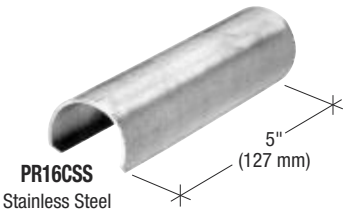
CRL's 1-1/2" O.D. Pipe Rail Tubing is formed using precision tooling to maintain uniform diameters and allowing for smooth hairline transitions at splice and end cap locations. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond at all connections.

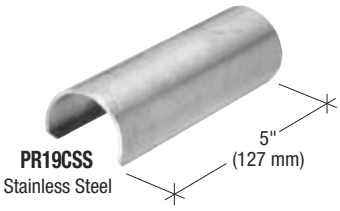
CRL Pipe Rail Splice Connector Sleeves

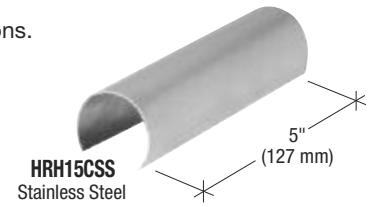
- Shaped to Fit and Ready to Install in Pipe Railings
- Provides Proper Alignment Between Railing Splices

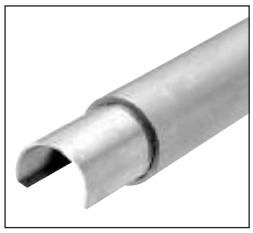
CRL Pipe Rail Splice Connector Sleeves are used to connect and provide proper alignment between railing splice locations. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond at all connections.

Important Installation Note: Always Use Connector Sleeves Made of the Same Metal as the Cap Rail, Cap Rail Corner, or Hand Rail Metal









CAT. NO.	MATERIAL	FOR USE WITH
PR16CSS	Stainless Steel	1-1/4" Sch. 40 1.66" (42 mm) Tubing
PR19CSS	Stainless Steel	1-1/2" Sch. 40 1.9" (48 mm) Tubing
HRH15CSS	Stainless Steel	1-1/2" (38 mm) O.D. Tubing

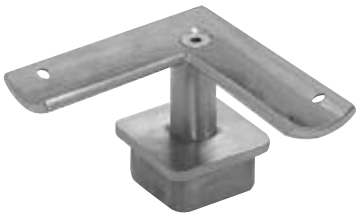
Minimum order: 1 each. All Splice Connectors can be combined for quantity pricing.

CRL P-Series Fixed Post Top Saddles

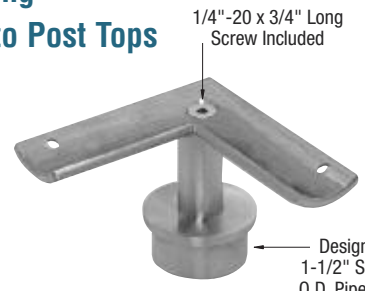
- Supports 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing
- Designed to be Welded to Post Tops

MORE INFORMATION crlaurence.com

- Two Stainless Finishes



CAT. NO. P1F9
2" (51 mm) Square Post
90 Degree Fixed Post Top Saddle



CAT. NO. P7F9
1.9" (48 mm) Round Post
90 Degree Fixed Post Top Saddle



CAT. NO. P1FS
2" (51 mm) Square Post
180 Degree Fixed Post Top Saddle

CAT. NO. P7FS
1.9" (48 mm) Round Post
180 Degree Fixed Post Top Saddle

90 DEGREE FIXED POST TOP SADDLES

CAT. NO.	FITS P-SERIES POSTS	GRADE	FINISH
P1F9BS	P1	316	Brushed Stainless
P1F9PS	P1	316	Polished Stainless
P7F9BS	P6, P7	316	Brushed Stainless
P7F9PS	P6, P7	316	Polished Stainless

Minimum order: 1 each. All Saddles can be combined for quantity pricing.

180 DEGREE FIXED POST TOP SADDLES

CAT. NO.	FITS P-SERIES POSTS	GRADE	FINISH
P1FSBS	P1	316	Brushed Stainless
P1FSPS	P1	316	Polished Stainless
P7FSBS	P6, P7	316	Brushed Stainless
P7FSPS	P6, P7	316	Polished Stainless

Minimum order: 1 each. All Saddles can be combined for quantity pricing.

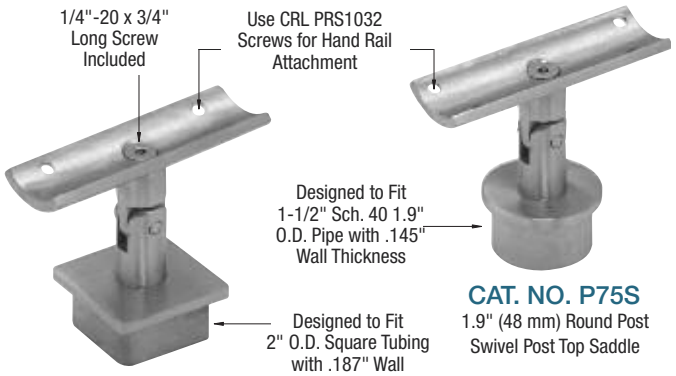
CRL P-Series Swivel Post Top Saddles

- Supports 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing
- Designed to be Welded to Post Tops
- Two Stainless Finishes

180 DEGREE SWIVEL POST TOP SADDLES

CAT. NO.	FITS P-SERIES POSTS	GRADE	FINISH
P15SBS	P1	316	Brushed Stainless
P15SPS	P1	316	Polished Stainless
P75SBS	P6, P7	316	Brushed Stainless
P75SPS	P6, P7	316	Polished Stainless

Minimum order: 1 each. All Saddles can be combined for quantity pricing.

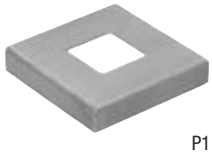


CAT. NO. P15S
2" (51 mm) Square Post
Swivel Post Top Saddle

CAT. NO. P75S
1.9" (48 mm) Round Post
Swivel Post Top Saddle

CRL Base Flange Covers for P-Series Post Kits

- Covers Designed for the P1, P3, P5, P6 and P7 Post Kits
- 1" (25 mm) Standard Height
- Brushed or Polished Stainless Steel Finishes


P1


P3


P5


P6/P7

CRL Base Flange Covers for P-Series Post Kits are designed to snap over the base flange and cover the base plate and anchor bolts to dress up the installation.



CAT. NO.	FOR USE WITH	GRADE	FINISH
CR16SPCBS	P1 Posts	304	Brushed Stainless
CR16SPCPS	P1 Posts	304	Polished Stainless
CR17SPCBS	P3 Posts	304	Brushed Stainless
CR17SPCPS	P3 Posts	304	Polished Stainless
CR18SPCBS	P5 Posts	304	Brushed Stainless
CR18SPCPS	P5 Posts	304	Polished Stainless
CR15SPCBS	P6 and P7 Posts	316	Brushed Stainless
CR15SPCPS	P6 and P7 Posts	316	Polished Stainless

Minimum order: 1 each.

CRL Glass Clamp Round Post Kits

(Not Designed for Guard Rail Applications)

- Square or Round Z-Series Glass Clamps Mounted on 1.9" (48 mm) Diameter Posts
- Ready to Install for Both Commercial and Residential Applications
- Designed to Accept 1/2" (12 mm) Tempered Glass
- Standard Post Heights Are 36" (914 mm) and 42" (1067 mm)
- Custom Post Heights Also Available
- Offered in Two Standard Stainless Finishes
- Custom Powder Paint Finishes Also Available

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS





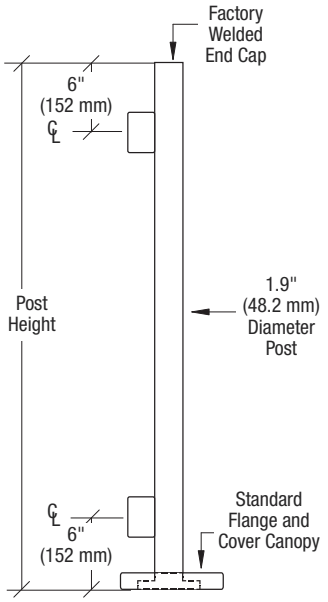




Round Clamp

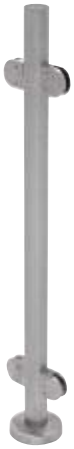


Square Clamp





End Post Kit



180 Degree Center Post Kit



135 Degree Center Post Kit



90 Degree Corner Post Kit

CRL's Glass Clamp Round Post Kits are manufactured from Schedule 40 1.9" (48 mm) diameter Stainless Steel Tubing. Kits are supplied complete with a Base Plate, Base Plate Cover Canopy, Welded Top Cap, and Z-Series Glass Clamps that are factory-attached to the Post.
NOTE: CRL's Glass Clamp Post Kits are not designed for guard rail or hand rail applications. Blank Post Kits are also available, go to **crlaurence.com/post-railing** for more information.

END POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	CLAMP TYPE	GRADE	FINISH
PR36EBS	PR42EBS	Round	304	Brushed Stainless
PS36EBS	PS42EBS	Square	304	Brushed Stainless
PR36EPS	PR42EPS	Round	304	Polished Stainless
PS36EPS	PS42EPS	Square	304	Polished Stainless

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

180 DEGREE CENTER POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	CLAMP TYPE	GRADE	FINISH
PR36CBS	PR42CBS	Round	304	Brushed Stainless
PS36CBS	PS42CBS	Square	304	Brushed Stainless
PR36CPS	PR42CPS	Round	304	Polished Stainless
PS36CPS	PS42CPS	Square	304	Polished Stainless

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

90 DEGREE CORNER POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	CLAMP TYPE	GRADE	FINISH
PR36LBS	PR42LBS	Round	304	Brushed Stainless
PS36LBS	PS42LBS	Square	304	Brushed Stainless
PR36LPS	PR42LPS	Round	304	Polished Stainless
PS36LPS	PS42LPS	Square	304	Polished Stainless

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

135 DEGREE CENTER POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	CLAMP TYPE	GRADE	FINISH
PR36ABS	PR42ABS	Round	304	Brushed Stainless
PS36ABS	PS42ABS	Square	304	Brushed Stainless
PR36APS	PR42APS	Round	304	Polished Stainless
PS36APS	PS42APS	Square	304	Polished Stainless

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Glass Clamp Square Post Kits

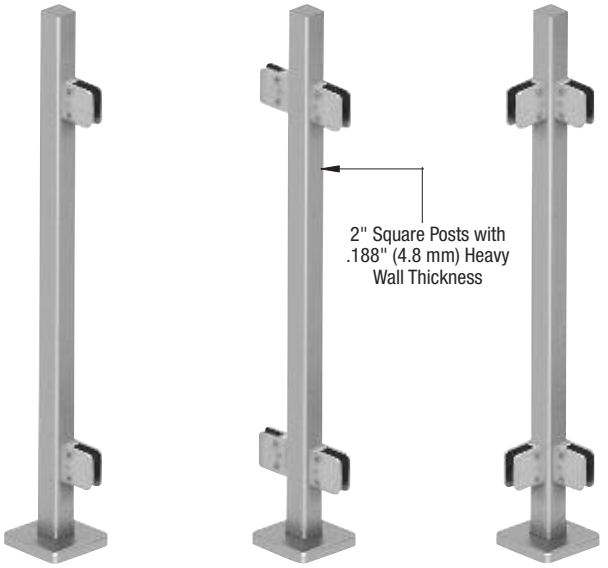
(Not Designed for Guard Rail Applications)

- Square or Round Z-Series Glass Clamps Mounted on 2" (51 mm) Square Posts
- Ready to Install for Both Commercial and Residential Applications
- Designed to Accept 1/2" (12 mm) Tempered Glass
- Standard Post Heights Are 36" (914 mm) and 42" (1067 mm)
- Custom Post Heights Also Available
- Offered in Two Standard Stainless Finishes
- Custom Powder Paint Finishes Also Available

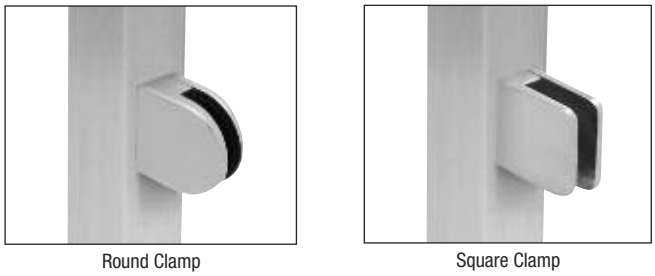
CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com



End Post Kit | 180 Degree Center Post Kit | 90 Degree Corner Post Kit

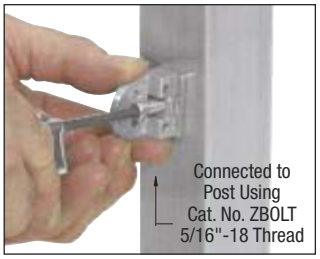


Round Clamp | Square Clamp

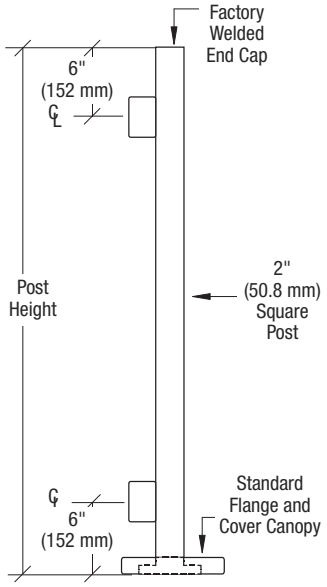
CRL's Glass Clamp Square Post Kits are manufactured from Schedule 40 2" (51 mm) Stainless Steel Tubing. Kits are supplied complete with a Base Plate, Base Plate Cover Canopy, Welded Top Cap, and Z-Series Glass Clamps that are factory-attached to the Post.

NOTE: CRL's Glass Clamp Post Kits are not designed for guard rail or hand rail applications. Blank Post Kits are also available, go to **crlaurence.com/post-railing** for more information.









END POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	CLAMP TYPE	GRADE	FINISH
SPR36EBS	SPR42EBS	Round	304	Brushed Stainless
SPS36EBS	SPS42EBS	Square	304	Brushed Stainless
SPR36EPS	SPR42EPS	Round	304	Polished Stainless
SPS36EPS	SPS42EPS	Square	304	Polished Stainless

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

90 DEGREE CORNER POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	CLAMP TYPE	GRADE	FINISH
SPR36LBS	SPR42LBS	Round	304	Brushed Stainless
SPS36LBS	SPS42LBS	Square	304	Brushed Stainless
SPR36LPS	SPR42LPS	Round	304	Polished Stainless
SPS36LPS	SPS42LPS	Square	304	Polished Stainless

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

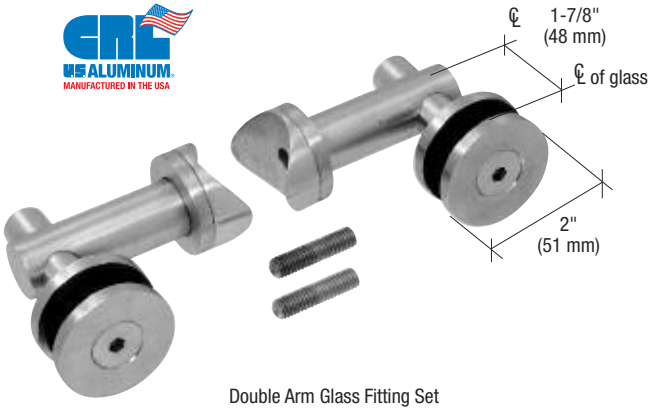
180 DEGREE CENTER POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	CLAMP TYPE	GRADE	FINISH
SPR36CBS	SPR42CBS	Round	304	Brushed Stainless
SPS36CBS	SPS42CBS	Square	304	Brushed Stainless
SPR36CPS	SPR42CPS	Round	304	Polished Stainless
SPS36CPS	SPS42CPS	Square	304	Polished Stainless

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Double Arm Fixed Glass Fittings for Round Post or Flat Surface Mounting

- Designed for Railings, Canopies, Awnings, and Other Applications
- Complete With Hardware to Mount to Post, Column or Wall
- Designed for Straight or Segmented Applications
- 316 Alloy Stainless Steel Construction for Durability
- Compact Design for Minimal Obstruction
- For 1/2" (12 mm) Thick Glazing Standard; Can Support Up to 1" (25 mm) Thickness With Extension Bolts Shown Below



Double Arm Glass Fitting Set

CRL's Double Arm Fixed Glass Fittings are designed for almost any application where your glazing needs to be point supported. The fittings can be mounted to round or flat posts, walls, glass fins, canopy brackets, and many other substrates. The compact design offers minimal obstruction.

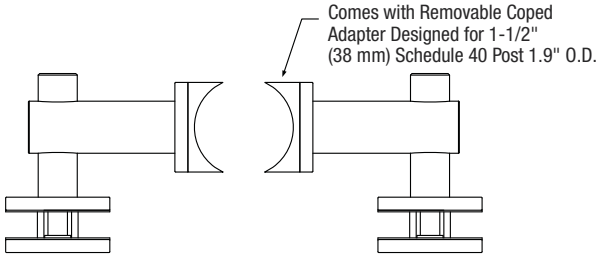
Two stainless finishes are available, brushed and polished. Comes with two 3/8"-16 x 13/16" (21 mm) stainless steel threaded studs for attachment. **NOTE:** For 90 Degree Corner Post conditions order Cat. No. RB509BS/PS for the Coped Adapter Set.

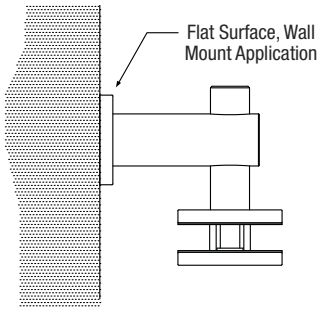


SPECIFICATIONS:
For Use With 1/2" (12 mm) Tempered or Laminated Tempered Glass Standard. For Larger Glass Thickness Use CRL's Glass Extension Bolts Shown Below (Do not use with raw or annealed glass).

GLASS FABRICATION:
One 3/4" (19 mm) Diameter Hole Per Fitting.
Replacement Gasket and Grommet Set is Cat. No. RS0BRG1

MORE INFORMATION crlaurence.com







or


CAT. NO.	GRADE	FINISH
RB51FBS	316	Brushed Stainless
RB51FPS	316	Polished Stainless

Minimum order: 1 set. Finishes can be combined for quantity pricing.

CRL Glass Extension Bolts

- Threaded Studs for Thicker Glass Panel Applications
- For Use With RB50 and RB51 Glass Fittings
- 316 Alloy 3/8"-16 Threaded Studs

CRL's Glass Extension Bolts were designed for projects that require thicker panel connections. Made from 316 Alloy Stainless Steel, these component parts are designed to work with our RB50 and RB51 Series Double Arm Glass Fittings.

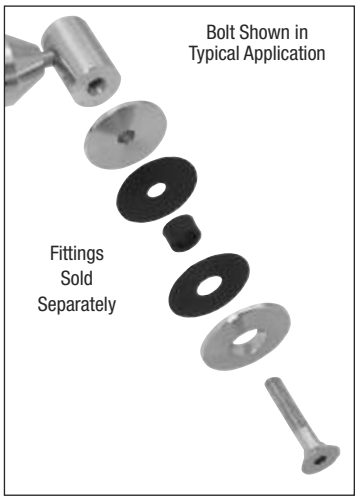
BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	DESCRIPTION
RBEB2BS	RBEB2PS	2" (51 mm) Bolt for 1/2" (12 mm) Thick Panels
RBEB214BS	RBEB214PS	2-1/4" (57 mm) Bolt for 3/4" (19 mm) Thick Panels
RBEB212BS	RBEB212PS	2-1/2" (63 mm) Bolt for 1" (25 mm) Thick Panels

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.


CAT. NO. RBEB2
2" (51 mm)

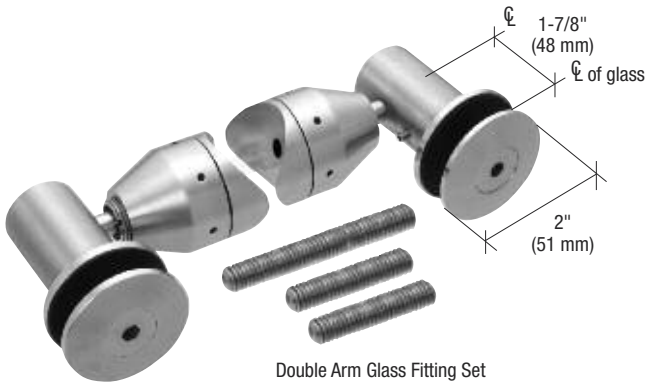

CAT. NO. RBEB214
2-1/4" (57 mm)


CAT. NO. RBEB212
2-1/2" (63 mm)



CRL Double Arm Glass Fittings for Round Post or Flat Surface Mounting

- Designed for Railings, Canopies, Awnings, and Other Applications
- Complete With Hardware to Mount to Post, Column or Wall
- Designed for Straight or Segmented Applications
- 316 Alloy Stainless Steel Construction for Durability
- For 1/2" (12 mm) Thick Glazing Standard; Can Support Up to 1" (25 mm) Thickness With Extension Bolts (See Page HR100)



Double Arm Glass Fitting Set

This ingenious Double Arm Glass Fitting can be used to mount 1/2" (12 mm) tempered glass to posts, walls, glass fins, and canopy brackets. The compact attachment portion offers minimal obstruction to the glass, and you can choose from either a fixed or swiveling mount. Glass fabrication is limited to only one 3/4" (19 mm) hole per mount.

Two stainless finishes are available, brushed and polished. Comes with two 3/8"-16 x 13/16" (21 mm) and one 3/8"-16 x 1-1/4" (32 mm) stainless steel threaded studs. **NOTE:** For 90 Degree Corner Post conditions order Cat. No. RB509BS/PS for the Coped Adapter Set.

MORE INFORMATION crlaurence.com



or



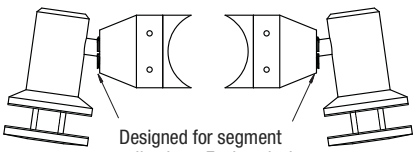

Swivel Nut Wrench


Used to tighten Swivel Nuts

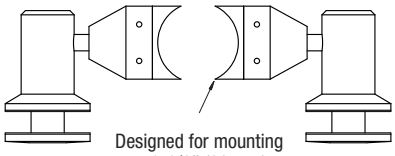
CAT. NO. SNW3
Minimum order is one each



Swivel Fitting


Designed for segment applications. Each swivel fitting is adjustable up to 8 degrees

Fixed Fitting


Designed for mounting to 1-1/2" (38 mm) Schedule 40 Post, Column, or Flat Wall

SPECIFICATIONS:
For Use With 1/2" (12 mm) Tempered or Laminated Tempered Glass Standard. For Larger Glass Thickness Use CRL's Glass Extension Bolts, on the opposite page (Do not use with raw or annealed glass).

GLASS FABRICATION:
One 3/4" (19 mm) Diameter Hole Per Fitting.
Replacement Gasket and Grommet Set is Cat. No. RS0BRG1

SWIVEL FITTING SET

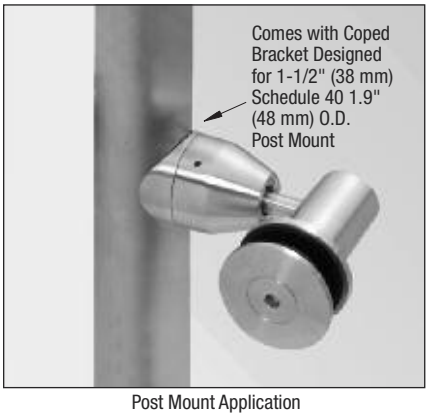
CAT. NO.	GRADE	FINISH
RB50SBS	316	Brushed Stainless
RB50SPS	316	Polished Stainless

Minimum order: 1 set. Finishes can be combined for quantity pricing.

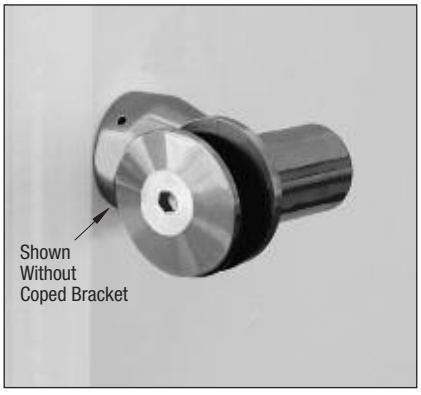
FIXED FITTING SET

CAT. NO.	GRADE	FINISH
RB50FBS	316	Brushed Stainless
RB50FPS	316	Polished Stainless

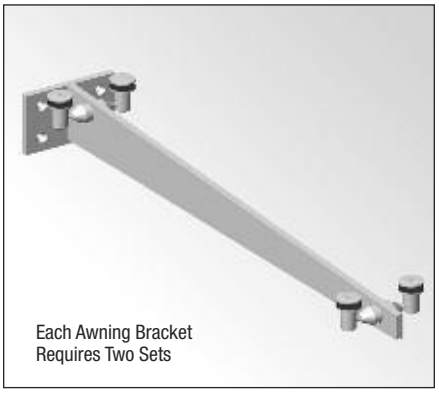
Minimum order: 1 set. Finishes can be combined for quantity pricing.



Post Mount Application



Wall Mount Application



Canopy or Awning Bracket Application

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Z-Series Round Type Radius Base Glass Clamps

SPECIFICATIONS:

Glass Thickness: Models for 1/4" to 1/2" (6 to 12 mm).

Base Design: Radius.

For Use With: 1-1/2" or 2" (38 or 51 mm) Diameter Round Tubing.

Material: Choice of Zinc Constructed or 316 Stainless Steel. Stainless Steel or Powder Painted Zinc Clamps are recommended for more durability in exterior applications.

Glass Fabrication:
For 1/4" (6 mm), 5/16" (8 mm), and 3/8" (10 mm) Thick Glass: 1/2" (12 mm) diameter hole required if using provided steel pin for glass support.
For 1/2" (12 mm) Thick Glass: 9/16" (14 mm) diameter hole required if using provided steel pin for glass support.

Includes: Rubber Gaskets and Steel Pin (for optional use) with Grommet.



CAT. NO. ZBOLT
Fastener for Use With Metal Posts
(see page HR109)



CAT. NO. ZLAG
Fastener for Use With Wood Posts
(see page HR109)

MORE INFORMATION crlaurence.com



Models for Round Tubing Installations

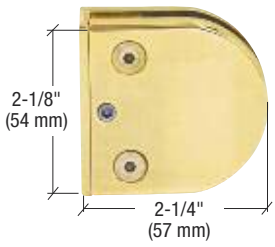
For 1/4" (6 mm) and 5/16" (8 mm) Glass



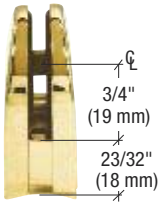
Base View



Front View



Rear View



Side View

CAT. NO.	FINISH	TUBE DIA.	BASE METAL
Z206BR	Brass	2" (51 mm)	Zinc Casting
Z206CH	Chrome	2" (51 mm)	Zinc Casting
Z206SC	Satin Chrome	2" (51 mm)	Zinc Casting
Z206BN	Brushed Nickel	2" (51 mm)	Zinc Casting
Z206GP	Gold Plated	2" (51 mm)	Zinc Casting
Z206W	White	2" (51 mm)	Zinc Casting
Z306BS	Brushed Stainless	2" (51 mm)	316 Stainless Steel
Z306PS	Polished Stainless	2" (51 mm)	316 Stainless Steel
Z15306BS	Brushed Stainless	1-1/2" (38 mm)	316 Stainless Steel
Z15306PS	Polished Stainless	1-1/2" (38 mm)	316 Stainless Steel
Z14RG	Replacement Gasket Set for One Clamp		

Minimum order for Clamps: 1 each. Minimum order for Gasket Sets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

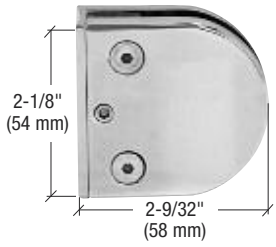
For 3/8" (10 mm) Glass



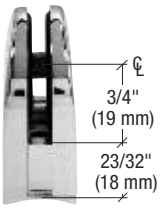
Base View



Front View



Rear View



Side View

CAT. NO.	FINISH	TUBE DIA.	BASE METAL
Z210BR	Brass	2" (51 mm)	Zinc Casting
Z210CH	Chrome	2" (51 mm)	Zinc Casting
Z210SC	Satin Chrome	2" (51 mm)	Zinc Casting
Z210BN	Brushed Nickel	2" (51 mm)	Zinc Casting
Z210GP	Gold Plated	2" (51 mm)	Zinc Casting
Z210W	White	2" (51 mm)	Zinc Casting
Z310BS	Brushed Stainless	2" (51 mm)	316 Stainless Steel
Z310PS	Polished Stainless	2" (51 mm)	316 Stainless Steel
Z15310BS	Brushed Stainless	1-1/2" (38 mm)	316 Stainless Steel
Z15310PS	Polished Stainless	1-1/2" (38 mm)	316 Stainless Steel
Z38RG	Replacement Gasket Set for One Clamp		

Minimum order for Clamps: 1 each. Minimum order for Gasket Sets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

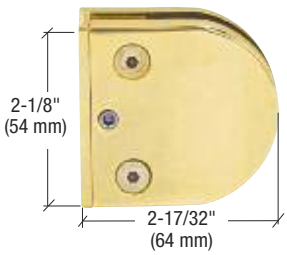
For 1/2" (12 mm) Glass



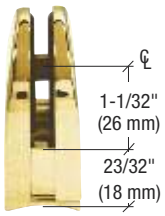
Base View



Front View



Rear View



Side View

CAT. NO.	FINISH	TUBE DIA.	BASE METAL
Z212BR	Brass	2" (51 mm)	Zinc Casting
Z212CH	Chrome	2" (51 mm)	Zinc Casting
Z212SC	Satin Chrome	2" (51 mm)	Zinc Casting
Z212BN	Brushed Nickel	2" (51 mm)	Zinc Casting
Z212W	White	2" (51 mm)	Zinc Casting
Z312BS	Brushed Stainless	2" (51 mm)	316 Stainless Steel
Z312PS	Polished Stainless	2" (51 mm)	316 Stainless Steel
Z15312BS	Brushed Stainless	1-1/2" (38 mm)	316 Stainless Steel
Z15312PS	Polished Stainless	1-1/2" (38 mm)	316 Stainless Steel
Z12RG	Replacement Gasket Set for One Clamp		

Minimum order for Clamps: 1 each. Minimum order for Gasket Sets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Round Type Flat Base Glass Clamps

MORE MODELS crlaurence.com

SPECIFICATIONS:
Glass Thickness: Models for 1/4" to 1/2" (6 to 12 mm).
Base Design: Flat.
For Use With: Square Tubing or Other Flat Surfaces.
Material: Choice of Zinc Constructed or 316 Stainless Steel. Stainless Steel or Powder Painted Zinc Clamps are recommended for more durability in exterior applications.
Glass Fabrication:
For 1/4" (6 mm), 5/16" (8 mm), and 3/8" (10 mm) Thick Glass: 1/2" (12 mm) diameter hole required if using provided steel pin for glass support.
For 1/2" (12 mm) Thick Glass: 9/16" (14 mm) diameter hole required if using provided steel pin for glass support.
Includes: Rubber Gaskets and Steel Pin (for optional use) with Grommet.



CAT. NO. ZBOLT
Fastener for Use With Metal Posts
(see page HR109)

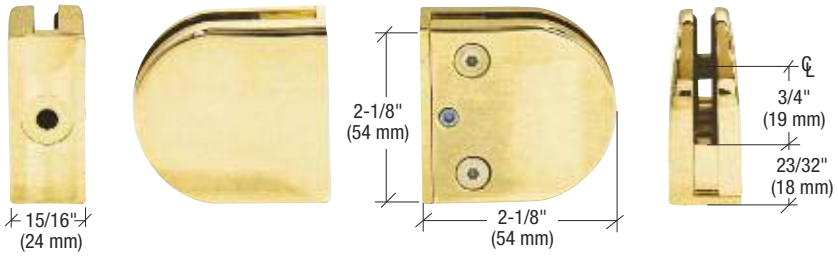


CAT. NO. ZLAG
Fastener for Use With Wood Posts
(see page HR109)



Models for Flat Surface Installations

For 1/4" (6 mm) and 5/16" (8 mm) Glass

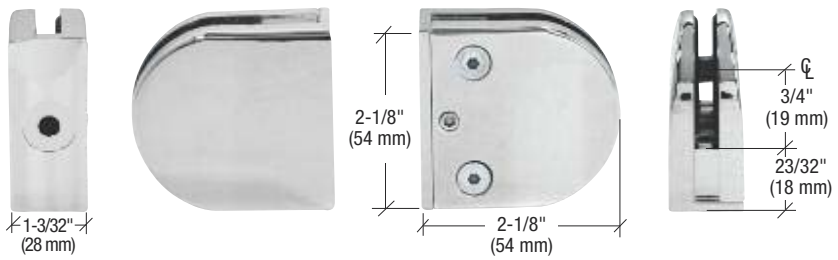


Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z406BR	Brass	Zinc Casting
Z406CH	Chrome	Zinc Casting
Z406SC	Satin Chrome	Zinc Casting
Z406BN	Brushed Nickel	Zinc Casting
Z406GP	Gold Plated	Zinc Casting
Z406W	White	Zinc Casting
Z506BS	Brushed Stainless	316 Stainless Steel
Z506PS	Polished Stainless	316 Stainless Steel
Z14RG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gasket Sets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

For 3/8" (10 mm) Glass

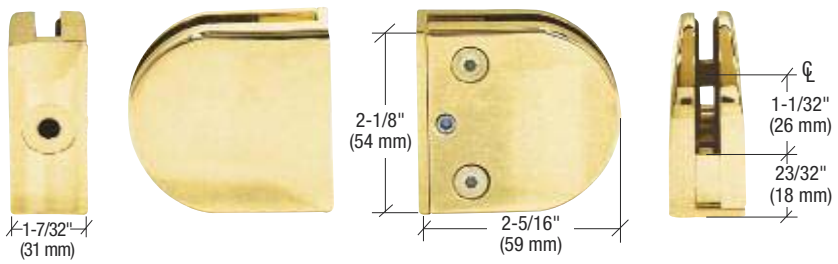


Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z410BR	Brass	Zinc Casting
Z410CH	Chrome	Zinc Casting
Z410SC	Satin Chrome	Zinc Casting
Z410BN	Brushed Nickel	Zinc Casting
Z410GP	Gold Plated	Zinc Casting
Z410W	White	Zinc Casting
Z510BS	Brushed Stainless	316 Stainless Steel
Z510PS	Polished Stainless	316 Stainless Steel
Z38RG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gasket Sets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

For 1/2" (12 mm) Glass



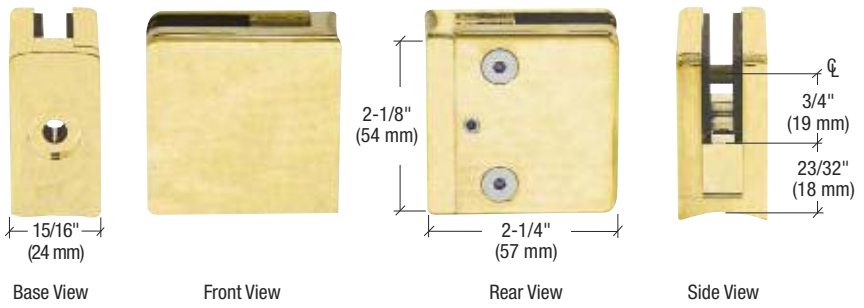
Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z412BR	Brass	Zinc Casting
Z412CH	Chrome	Zinc Casting
Z412SC	Satin Chrome	Zinc Casting
Z412BN	Brushed Nickel	Zinc Casting
Z412GP	Gold Plated	Zinc Casting
Z412W	White	Zinc Casting
Z512BS	Brushed Stainless	316 Stainless Steel
Z512PS	Polished Stainless	316 Stainless Steel
Z12RG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gasket Sets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Square Type Radius Base Glass Clamps

For 1/4" and 5/16" (6 and 8 mm) Glass



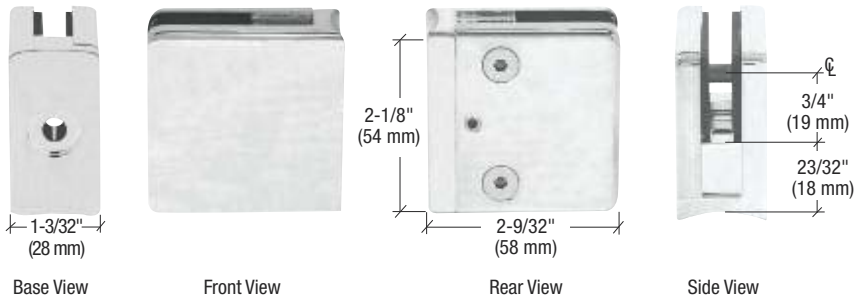
- **Radius Base for Use With 2" (51 mm) Diameter Round Tubing**

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH	BASE METAL
Z606BR	Brass	Zinc Casting
Z606CH	Chrome	Zinc Casting
Z606SC	Satin Chrome	Zinc Casting
Z606BN	Brushed Nickel	Zinc Casting
Z606GP	Gold Plated	Zinc Casting
Z606W	White	Zinc Casting
Z706BS	Brushed Stainless	316 Stainless Steel
Z706PS	Polished Stainless	316 Stainless Steel
Z14SG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

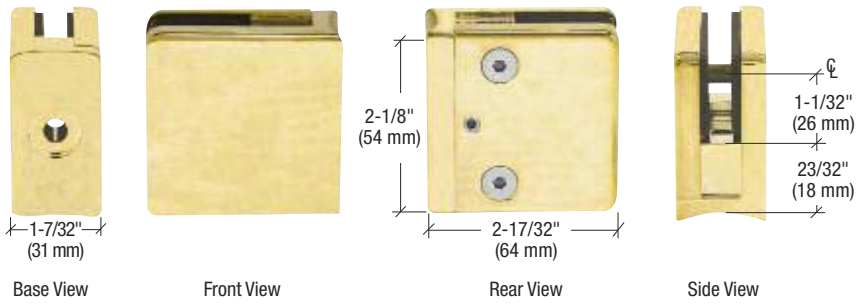
For 3/8" (10 mm) Glass



CAT. NO.	FINISH	BASE METAL
Z610BR	Brass	Zinc Casting
Z610CH	Chrome	Zinc Casting
Z610SC	Satin Chrome	Zinc Casting
Z610BN	Brushed Nickel	Zinc Casting
Z610GP	Gold Plated	Zinc Casting
Z610W	White	Zinc Casting
Z710BS	Brushed Stainless	316 Stainless Steel
Z710PS	Polished Stainless	316 Stainless Steel
Z38SG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

For 1/2" (12 mm) Glass

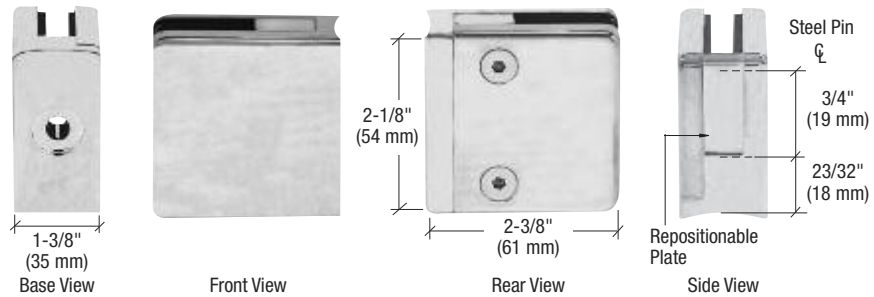


MORE INFORMATION
crlaurence.com

CAT. NO.	FINISH	BASE METAL
Z612BR	Brass	Zinc Casting
Z612CH	Chrome	Zinc Casting
Z612SC	Satin Chrome	Zinc Casting
Z612BN	Brushed Nickel	Zinc Casting
Z612GP	Gold Plated	Zinc Casting
Z612W	White	Zinc Casting
Z712BS	Brushed Stainless	316 Stainless Steel
Z712PS	Polished Stainless	316 Stainless Steel
Z12SG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

For 3/8" and 1/2" (10 and 12 mm) Glass



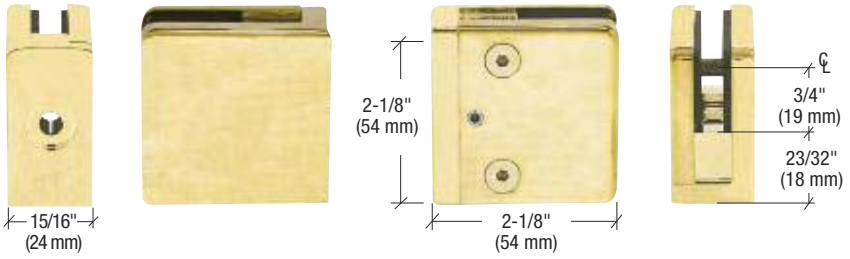
- **Repositionable Plate for Use at Right or Left Corner of Glass**

CAT. NO.	FINISH	BASE METAL
ZL610CH	Chrome	Zinc Casting
ZL610SC	Satin Chrome	Zinc Casting
ZL610BN	Brushed Nickel	Zinc Casting
ZL610W	White	Zinc Casting
ZL710BS	Brushed Stainless	316 Stainless Steel
ZL710PS	Polished Stainless	316 Stainless Steel
ZL38SG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Square Type Flat Base Glass Clamps

For 1/4" and 5/16" (6 and 8 mm) Glass



Base View | Front View | Rear View | Side View

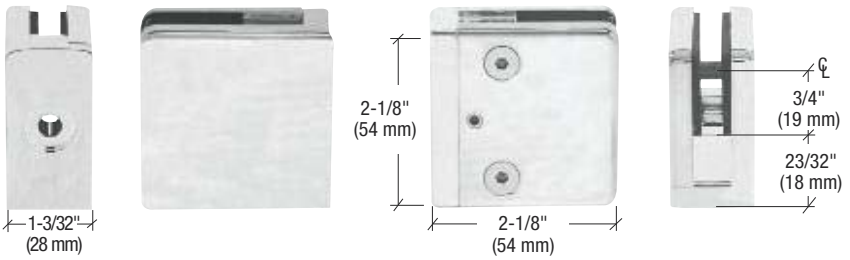
- **Flat Base for Use With Square Tubing or Other Flat Surfaces**

USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH	BASE METAL
Z806BR	Brass	Zinc Casting
Z806CH	Chrome	Zinc Casting
Z806SC	Satin Chrome	Zinc Casting
Z806BN	Brushed Nickel	Zinc Casting
Z806GP	Gold Plated	Zinc Casting
Z806W	White	Zinc Casting
Z906BS	Brushed Stainless	316 Stainless Steel
Z906PS	Polished Stainless	316 Stainless Steel
Z14SG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

For 3/8" (10 mm) Glass

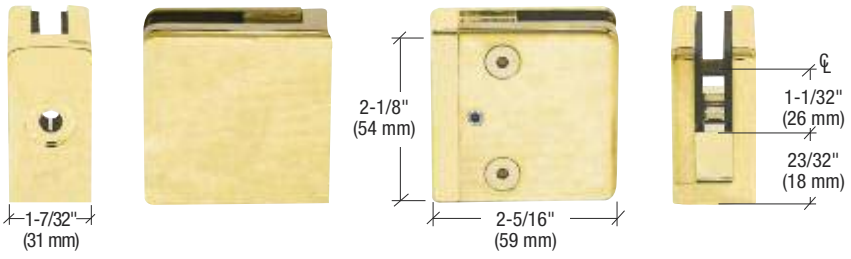


Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
Z810BR	Brass	Zinc Casting
Z810CH	Chrome	Zinc Casting
Z810SC	Satin Chrome	Zinc Casting
Z810BN	Brushed Nickel	Zinc Casting
Z810GP	Gold Plated	Zinc Casting
Z810W	White	Zinc Casting
Z910BS	Brushed Stainless	316 Stainless Steel
Z910PS	Polished Stainless	316 Stainless Steel
Z38SG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

For 1/2" (12 mm) Glass



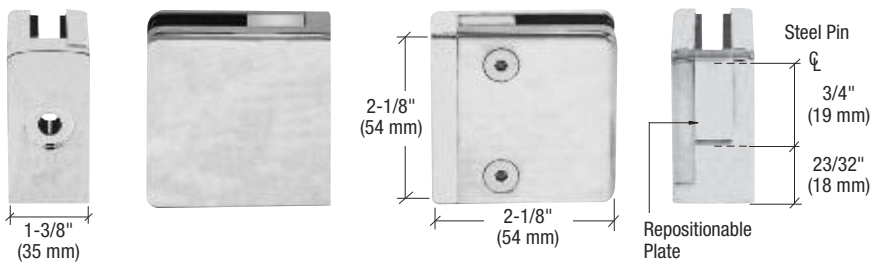
Base View | Front View | Rear View | Side View

MORE INFORMATION crlaurence.com

CAT. NO.	FINISH	BASE METAL
Z812BR	Brass	Zinc Casting
Z812CH	Chrome	Zinc Casting
Z812SC	Satin Chrome	Zinc Casting
Z812BN	Brushed Nickel	Zinc Casting
Z812GP	Gold Plated	Zinc Casting
Z812W	White	Zinc Casting
Z912BS	Brushed Stainless	316 Stainless Steel
Z912PS	Polished Stainless	316 Stainless Steel
Z12SG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

For 3/8" and 1/2" (10 and 12 mm) Glass



Base View | Front View | Rear View | Side View

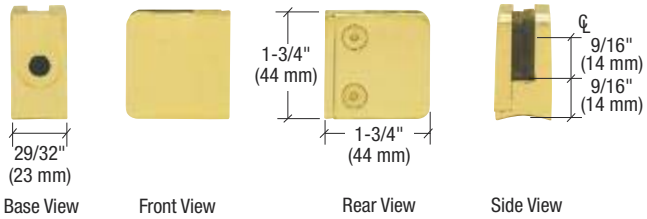
- **Repositionable Plate for Use at Right or Left Corner of Glass**

CAT. NO.	FINISH	BASE METAL
ZL810CH	Chrome	Zinc Casting
ZL810SC	Satin Chrome	Zinc Casting
ZL810BN	Brushed Nickel	Zinc Casting
ZL810W	White	Zinc Casting
ZL910BS	Brushed Stainless	316 Stainless Steel
ZL910PS	Polished Stainless	316 Stainless Steel
ZL38SG	Replacement Gasket Set for One Clamp	

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Small Square Glass Clamps

For 1/4" (6 mm) to 5/16" (8 mm) Glass



Glass Fabrication: 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

- **May be Used on Wood or Metal Radius or Flat Surfaces**

Attachment Hardware: Wood - use Cat. No. ZLAG Lag Bolt
Metal - use Cat. Nos. ZB0LT and ZRNUT Bolt and Riv-Nut

USE MONOLITHIC TEMPERED GLASS

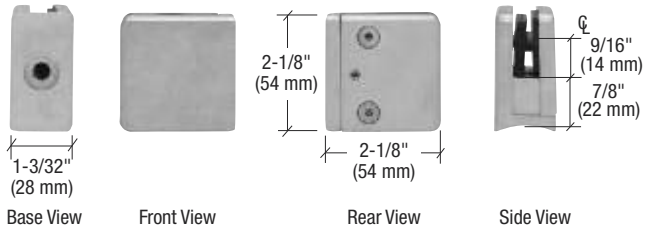
CAT. NO.	FINISH	BASE METAL
Z130BR	Brass	Zinc Casting
Z130CH	Chrome	Zinc Casting
Z130SC	Satin Chrome	Zinc Casting
Z130BN	Brushed Nickel	Zinc Casting
Z130W	White	Zinc Casting
Z150PS	Polished Stainless	316 Stainless Steel
Z150SS	Satin Stainless	316 Stainless Steel

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Large Square Glass Clamps

For 3/8" (10 mm) Glass

MORE INFORMATION crlaurence.com



Glass Fabrication: 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

- **May be Used on Wood or Metal Radius or Flat Surfaces**

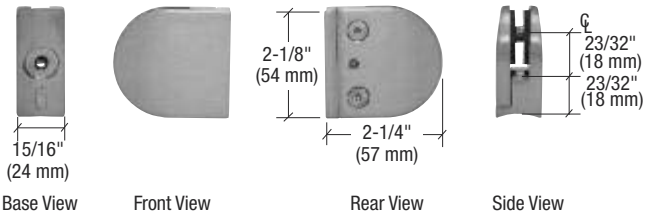
Attachment Hardware: Wood - use Cat. No. 12X2PHPSMS Screw
Metal - use Cat. Nos. ZB0LT14 and RN1420 Bolt and Riv-Nut

CAT. NO.	FINISH	BASE METAL
Z135BR	Brass	Zinc Casting
Z135CH	Chrome	Zinc Casting
Z135SC	Satin Chrome	Zinc Casting
Z135BN	Brushed Nickel	Zinc Casting
Z135W	White	Zinc Casting
Z155PS	Polished Stainless	316 Stainless Steel
Z155SS	Satin Stainless	316 Stainless Steel

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Large Round Glass Clamps

For 1/4" (6 mm) Glass



Glass Fabrication: 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

- **May be Used on Wood or Metal Radius or Flat Surfaces**

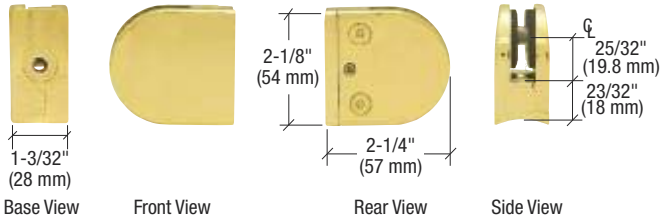
Attachment Hardware: Wood - use Cat. No. 12X2PHPSMS Screw
Metal - use Cat. Nos. ZB0LT14 and RN1420 Bolt and Riv-Nut

CAT. NO.	FINISH	BASE METAL
Z106BR	Brass	Zinc Casting
Z106CH	Chrome	Zinc Casting
Z106SC	Satin Chrome	Zinc Casting
Z106BN	Brushed Nickel	Zinc Casting
Z106GP	Gold Plated	Zinc Casting
Z106W	White	Zinc Casting

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Z-Series Large Round Glass Clamps

For 3/8" (10 mm) Glass



Glass Fabrication: 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

- **May be Used on Wood or Metal Radius or Flat Surfaces**

Attachment Hardware: Wood - use Cat. No. 12X2PHPSMS Screw
Metal - use Cat. Nos. ZB0LT14 and RN1420 Bolt and Riv-Nut

CAT. NO.	FINISH	BASE METAL
Z110BR	Brass	Zinc Casting
Z110CH	Chrome	Zinc Casting
Z110SC	Satin Chrome	Zinc Casting
Z110BN	Brushed Nickel	Zinc Casting
Z110GP	Gold Plated	Zinc Casting
Z110W	White	Zinc Casting

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Mini Z-Series Round Type Flat Base Glass Clamps

For 1/4" (6 mm) Glass

- 316 Stainless Steel in Two Finishes

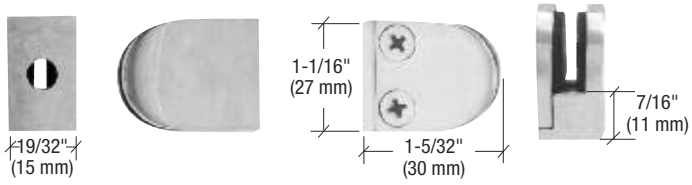
MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS



CAT. NO. SHCS10X34
Cap Screw for Use on Metal Posts
(see page HR109)

- Ideal for Small Glass Barriers
- For Mounting to Flat Surfaces
- No Hole Drilling; Pressure Fit



Base View | Front View | Rear View | Side View

CAT. NO.	FINISH	BASE METAL
ZMF06PS	Polished Stainless	316 Stainless Steel
ZMF06SS	Satin Stainless	316 Stainless Steel

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Mini Z-Series Round Type Radius Base Glass Clamps

For 1/4" (6 mm) Glass

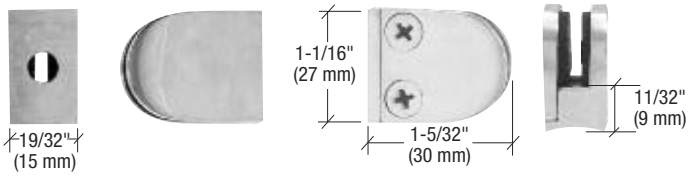
- 316 Stainless Steel in Two Finishes

USE MONOLITHIC TEMPERED GLASS



CAT. NO. SHCS10X34
Cap Screw for Use on Metal Posts
(see page HR109)

- Ideal for Small Glass Barriers
- Fits 1" (25 mm) Diameter Tubing
- No Hole Drilling; Pressure Fit



Base View | Front View | Rear View | Side View

CAT. NO.	FIT TUBE DIAMETER	FINISH	BASE METAL
ZMR06PS	1" (25 mm)	Polished Stainless	316 Stainless Steel
ZMR06SS	1" (25 mm)	Satin Stainless	316 Stainless Steel

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

CRL Adjustable Flat Base Glass Clamps

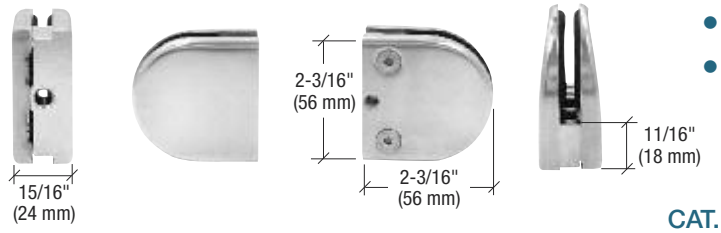
For 3/16" to 3/8" (5 to 10 mm) Glass

- Satin Chrome Finish
- Base Metal: Zinc Casting
- No Hole Drilling; Pressure Fit
- Optional Pin for Glass Support Provided

USE MONOLITHIC TEMPERED GLASS



CAT. NO. SHCS10X34
Cap Screw for Use on Metal Posts
(see page HR109)



Base View | Front View | Rear View | Side View

CAT. NO. 38AGP
Minimum order is one each.





TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Z-Series Square Type Glass Clamps for 3/4" (19 mm) Glass

SPECIFICATIONS:

Glass Thickness: 3/4" (19 mm) or 5/8" (16 mm)*.

Base Design: Flat and Radius.

For Use With: Square Tubing or Other Flat Surfaces and 2" (51 mm) Diameter Round Tubing.

Material: 316 Alloy Stainless Steel.

Glass Fabrication:
One 7/8" (22 mm) diameter finger notch is required. The included steel pin must be used for 3/4" (19 mm) and 5/8" (16 mm) glass applications.

Includes: Rubber Gaskets and Steel Pin.

* Cat. No. Z58SG Gaskets must be ordered when using 5/8" (16 mm) Glass.



Models for Flat and Round Surface Installations



CAT. NO. ZBOLT
Cap Bolt for Use With Metal Posts



CAT. NO. ZLAG
Lag Bolt for Use With Wood Posts

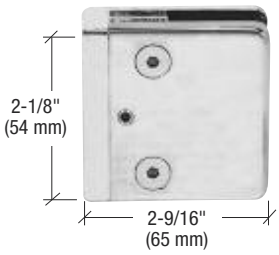
Flat Base Clamps for 3/4" (19 mm) Glass



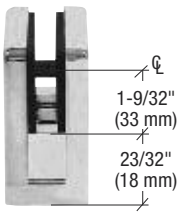
Base View



Front View



Rear View



Side View

MORE INFORMATION
crlaurence.com

- Flat Base for Use With Square Tubing or Other Flat Surfaces
- 316 Alloy Stainless Steel

CAT. NO.	DESCRIPTION
Z934BS	Brushed Stainless Flat Base Clamp
Z934PS	Polished Stainless Flat Base Clamp
Z34SG	Replacement Gasket Set for 3/4" (19 mm) Glass
Z58SG	Optional Gasket Set for 5/8" (16 mm) Glass

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

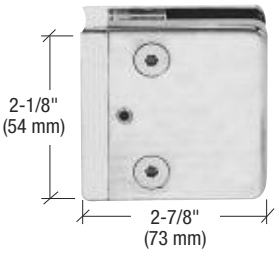
Radius Base Clamps for 3/4" (19 mm) Glass



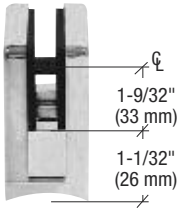
Base View



Front View



Rear View



Side View

- Radius Base for Use With 2" (51 mm) Diameter Round Tubing
- 316 Alloy Stainless Steel

CAT. NO.	DESCRIPTION
Z734BS	Brushed Stainless Radius Base Clamp
Z734PS	Polished Stainless Radius Base Clamp
Z34SG	Replacement Gasket Set for 3/4" (19 mm) Glass
Z58SG	Optional Gasket Set for 5/8" (16 mm) Glass

Minimum order for Clamps: 1 each. Minimum order for Gaskets: 1 pack.
All Z-Series Clamps can be combined for quantity pricing.

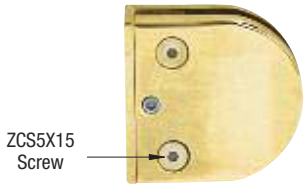
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Z-Series Clamp Replacement Screws

- Three Finishes to Match Our Z-Series Clamps





CAT. NO.	FINISH	QTY/PACK
ZCS5X15BR	Brass	8
ZCS5X15CH	Chrome	8
ZCS5X15SS	Brushed Stainless Steel	8

Minimum order: 1 pack.

CRL Z-Series Clamp Attachment Fasteners

MORE CHOICES crlaurence.com

- For Use With CRL's Z-Series Clamps







CAT. NO. ZLAG
For Wood Attachments

CAT. NO. ZBOLT
For Metal Attachments

CAT. NO. SHCS10X34
For Metal Attachments

CAT. NO.	DESCRIPTION
ZLAG	5/16" x 2" (51 mm) 316 Grade Stainless Steel Lag Bolt
ZBOLT	5/16"-18 x 1" (25 mm) 304 Grade Stainless Steel Socket Head Cap Bolt
SHCS10X34	10-24 x 3/4" (19 mm) 304 Grade Stainless Steel Socket Head Cap Screw

Minimum order: 10 each. Must be ordered in increments of 10.

CRL Rivet-Nut Drill Bit

- High Speed 17/32" (13 mm) Drill for Installing Our ZRNUT Rivet-Nuts



This High Speed Drill Bit is made of M-7 steel for high resistance to abrasion during tough drilling applications. The three-flatted shank provides better chuck grip and reduces slippage. Shank diameter is 1/2" (13 mm). Overall length is 6" (152 mm). Minimum order is one each.

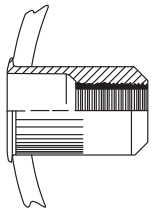
CAT. NO. 91134

CRL Riv-Nut

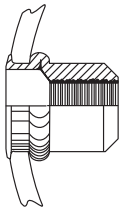
- For Securing Z-Series Clamps to Tubing Using ZBOLT Cap Bolt (See Above)



CAT. NO. ZRNUT



Inserted



Compressed

CAT. NO.	DESCRIPTION
ZRNUT	5/16"-18 Riv-Nut for use in Thin Wall Tubing (1/8" and Less)

Minimum order: 10 each. Must be ordered in increments of 10.

CRL Heavy-Duty Thread-Setter Tool



- Installs Rivet-Nuts and Poly-Nuts

The CRL Heavy-Duty Thread-Setter Tool is supplied with a 1/4"-20 Mandrel and Nosepiece only. It will install 10-24, 10-32, 1/4"-20, 5/16"-18, 3/8"-16, 5 mm, 6 mm, 8 mm, and 10 mm aluminum or steel Rivet-Nuts and Poly-Nuts. Cat. No. 34617 1/4"-20 Replacement Mandrel is sold separately. Minimum order is one each.

CAT. NO. 34604

CRL 5/16"-18 Mandrel and Nosepiece

- Required for Installation of Our ZRNUT With the 34604 Thread-Setter (See Left)



The CRL 5/16"-18 Mandrel and Nosepiece for Cat. No. 34604 Heavy-Duty Thread-Setter Tool allows for the installation of larger Rivet-Nuts and Thread-Serts. This Mandrel and Nosepiece is required for installation of the Cat. No. ZRNUT. Minimum order is one each.

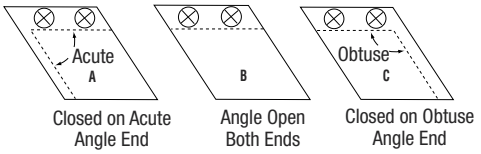
CAT. NO. 34618

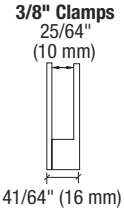
CRL Glass Clamps for Stair and Walkway Railings

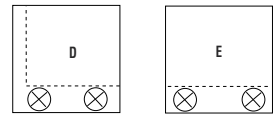


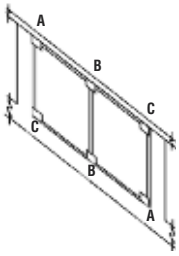
- **Chrome, Brass, and Brushed Nickel Finishes for 3/8" or 1/2" (10 or 12 mm) Thick Tempered Glass**
- **Custom Finishes Available on Request**

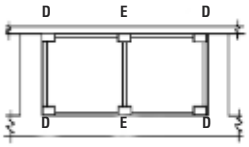
Our Glass and Railing Clamps are predrilled and ready for use in the construction of metal and glass railings, partitions, room dividers and more. Two sizes accommodate 3/8" or 1/2" (10 or 12 mm) thick tempered glass. Three popular finishes are available. Simply loosen screw on one end, insert glass edge and tighten. Use CRL Tuff-Pak Tape to cushion glass in Clamps. For wood mount attachments use Cat. No. 8X212DW Screw. For metal attachments use Cat. No. 8X1FHPSMS Screw. Drawings and templates for all Clamps are available online at **crlaurence.com/railing-clamps**.









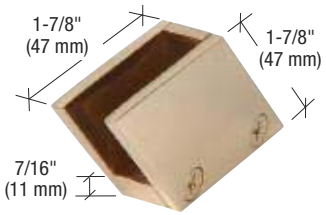


A: Acute End Clamp for Slanted Railings
B: Open Center Clamp for Slanted Railings
C: Obtuse End Clamp for Slanted Railings
D: Straight End Clamp for Level Railings
E: Straight Open Center Clamp for Level Railings

MORE INFORMATION crlaurence.com

CRL 52 Degree Slant Acute End Clamp "A"

Use Slant Acute End Clamps on top of glass at high end of slant, or bottom of glass at low end of slant. Clamps at 52 degree angle.

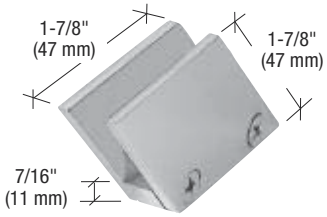


CAT. NO.	FINISH	GLASS THICKNESS
RH3312BR	Brass	1/2" (12 mm)
RH3338BR	Brass	3/8" (10 mm)
RH3312CH	Chrome	1/2" (12 mm)
RH3338CH	Chrome	3/8" (10 mm)
RH3312BN	Brushed Nickel	1/2" (12 mm)
RH3338BN	Brushed Nickel	3/8" (10 mm)

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL 52 Degree Slant Open Center Clamp "B"

Use Slant Open Center Clamps on top or bottom midpoint of slanted glass. Reversible center clamps at 52 degree angle.

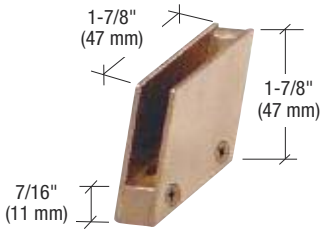


CAT. NO.	FINISH	GLASS THICKNESS
RH4412BR	Brass	1/2" (12 mm)
RH4438BR	Brass	3/8" (10 mm)
RH4412CH	Chrome	1/2" (12 mm)
RH4438CH	Chrome	3/8" (10 mm)
RH4412BN	Brushed Nickel	1/2" (12 mm)
RH4438BN	Brushed Nickel	3/8" (10 mm)

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL 128 Degree Slant Obtuse End Clamp "C"

Use Slant Obtuse End Clamps on bottom of glass at high end of slant, or top of glass at low end of slant. Clamps at 128 degree angle.

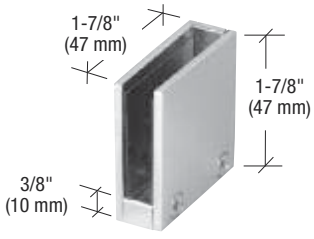


CAT. NO.	FINISH	GLASS THICKNESS
RH5512BR	Brass	1/2" (12 mm)
RH5538BR	Brass	3/8" (10 mm)
RH5512CH	Chrome	1/2" (12 mm)
RH5538CH	Chrome	3/8" (10 mm)
RH5512BN	Brushed Nickel	1/2" (12 mm)
RH5538BN	Brushed Nickel	3/8" (10 mm)

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL 90 Degree Straight End Clamp "D"

Use Straight End Clamps on top of glass at end of level run, or bottom of glass at end of level run. Clamps are reversible with 90 degree corners.

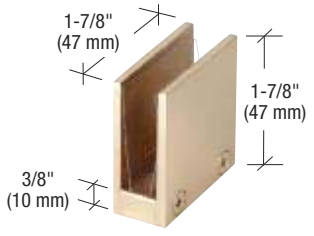


CAT. NO.	FINISH	GLASS THICKNESS
RH2212BR	Brass	1/2" (12 mm)
RH2238BR	Brass	3/8" (10 mm)
RH2212CH	Chrome	1/2" (12 mm)
RH2238CH	Chrome	3/8" (10 mm)
RH2212BN	Brushed Nickel	1/2" (12 mm)
RH2238BN	Brushed Nickel	3/8" (10 mm)

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL 90 Degree Straight Open Center Clamp "E"

Use Straight Open Center Clamps on top or bottom midpoint of glass on level run. Reversible open center clamps.



CAT. NO.	FINISH	GLASS THICKNESS
RH1112BR	Brass	1/2" (12 mm)
RH1138BR	Brass	3/8" (10 mm)
RH1112CH	Chrome	1/2" (12 mm)
RH1138CH	Chrome	3/8" (10 mm)
RH1112BN	Brushed Nickel	1/2" (12 mm)
RH1138BN	Brushed Nickel	3/8" (10 mm)

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Glass Railing Spider Fittings



or



- Spiders for Mounting to Posts, Walls or Fins
- Specially Sized for Interior Dividers, Displays, and Hand Railing Applications
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or Laminated Tempered Glass
- Rigid or Swivel Countersunk or Cap Glass Attachments Available
- Made of 316 Alloy Stainless Steel in Two Attractive Finishes: Brushed and Polished

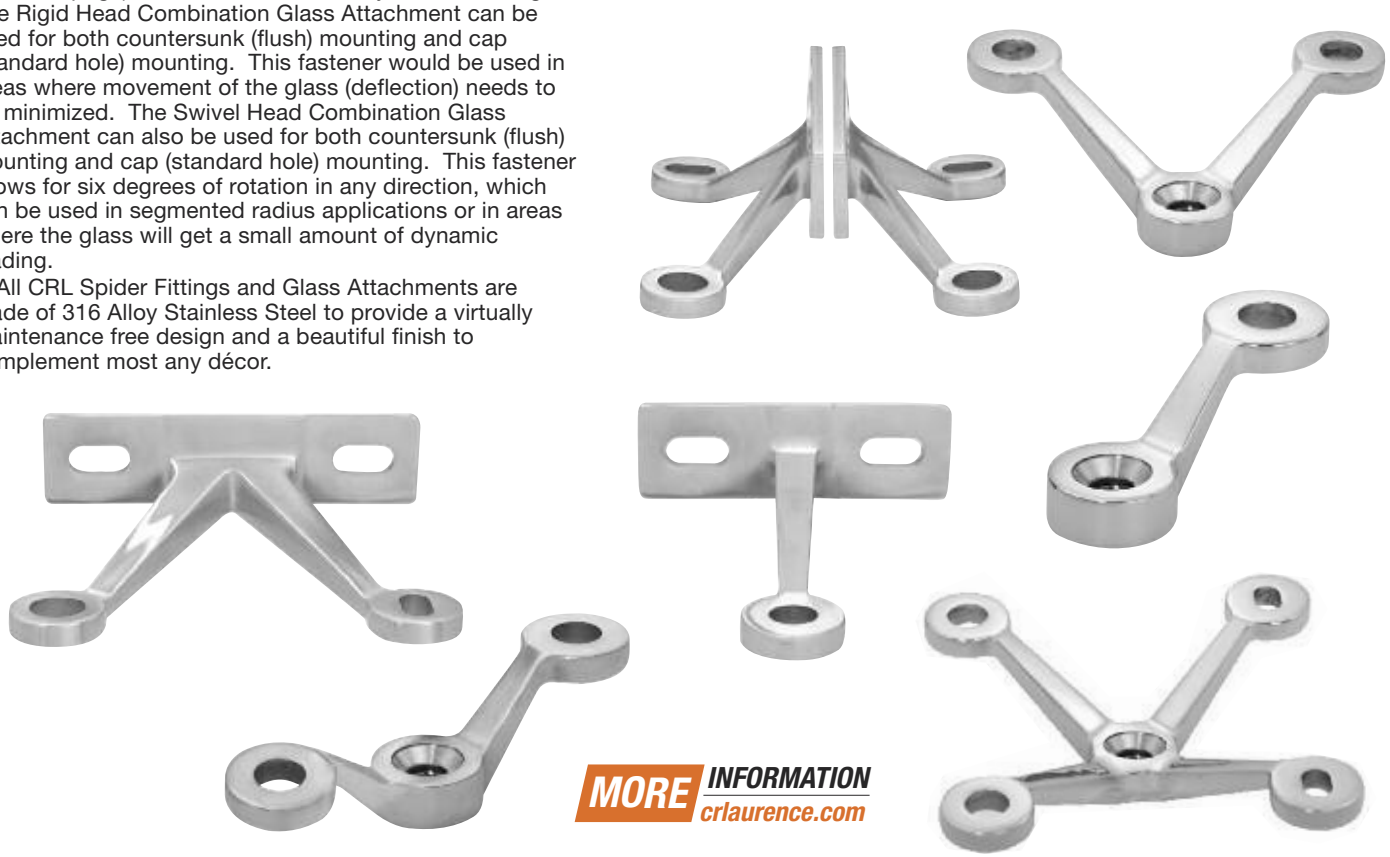


- Designed for the 'All-Glass' Look

We have expanded our line of Glass Railing Spider Fittings for use in interior or exterior dividers, displays, and hand railing applications. CRL now stocks nine designs that can be incorporated into these systems. We have one, two, and four arm fittings that can be mounted to railing posts, structural walls or fins.

We offer two types of Combination Glass Attachments (see next page) that can be used for any of these fittings. The Rigid Head Combination Glass Attachment can be used for both countersunk (flush) mounting and cap (standard hole) mounting. This fastener would be used in areas where movement of the glass (deflection) needs to be minimized. The Swivel Head Combination Glass Attachment can also be used for both countersunk (flush) mounting and cap (standard hole) mounting. This fastener allows for six degrees of rotation in any direction, which can be used in segmented radius applications or in areas where the glass will get a small amount of dynamic loading.

All CRL Spider Fittings and Glass Attachments are made of 316 Alloy Stainless Steel to provide a virtually maintenance free design and a beautiful finish to complement most any décor.



MORE INFORMATION crlaurence.com

CRL Rigid Head Combination Glass Attachment



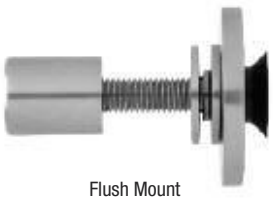
or



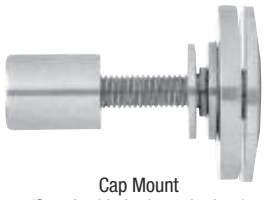
The Rigid Head Attachments allow for a secure attachment and minimize the deflection of the glass panels. This type of fitting is typically used only for interior applications.

MORE INFORMATION crlaurence.com

One Fitting for Either Flush or Surface Mount Installations

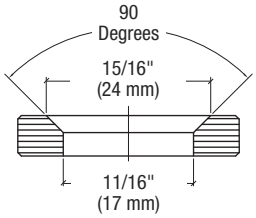


Flush Mount
(Countersunk hole in glass)

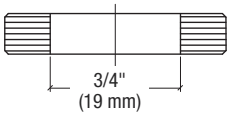


Cap Mount
(Standard hole through glass)

Our special Rigid Head Combination Glass Attachment Fittings can be used for 'flush' mounting for a smooth exterior surface when the glass is fabricated with a countersunk hole. This same Fitting can be used for the 'cap' type of mounting when using the supplied adapter washer. This requires just a standard hole in the glass. Use Cat. No. SW19 Spanner Wrench (see page CH237) to tighten Cap.



Flush mount glass fabrication *



Cap mount glass fabrication

CAT. NO.	FINISH
RRF10BS	Brushed Stainless
RRF10PS	Polished Stainless

Minimum order: 1 each. Finishes can be combined for quantity pricing.

* We suggest when using the flush mount method that you give your glass fabricator a sample Flush Mount Glass Attachment to ensure a proper flush fit.

CRL Swivel Head Combination Glass Attachment

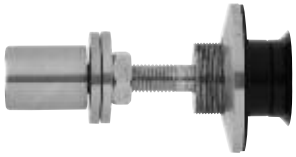


or

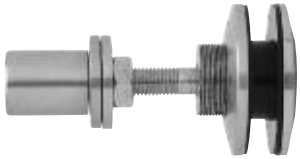


The head of the Swivel Glass Attachment can tilt up to six degrees in any direction on its ball and socket joint. This allows for any stress applied to the glass to be more evenly distributed across the entire panel of glass rather than concentrating at the hole. These are typically used in conditions where the glass will be subject to live loads.

One Fitting for Either Flush or Surface Mount Installations

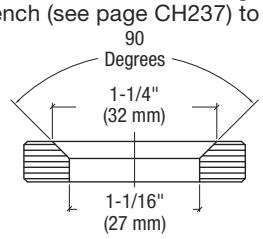


Flush Mount
(Countersunk hole in glass)

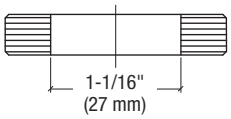


Cap Mount
(Standard hole through glass)

The Swivel Head Fitting also employs our special Combination Glass Attachment design so it can be used for 'flush' mounting for a smooth exterior surface when the glass is fabricated with a countersunk hole. This same Fitting can be used for the 'cap' type of mounting when using the supplied adapter washer. This requires just a standard hole in the glass. Use Cat. No. SW19 Spanner Wrench (see page CH237) to tighten Cap.



Flush mount glass fabrication *



Cap mount glass fabrication

CAT. NO.	FINISH
RSF10BS	Brushed Stainless
RSF10PS	Polished Stainless

Minimum order: 1 each. Finishes can be combined for quantity pricing.

* We suggest when using the flush mount method that you give your glass fabricator a sample Flush Mount Glass Attachment to ensure a proper flush fit.

NOTE: Both Rigid Head and Swivel Head Combination Glass Attachments can be used with all of our Glass Railing Spider Fittings.

CRL Replacement Gasket Set for Rigid Head Glass Attachment



Replacement Plastic Gasket Set includes parts required for Countersunk or Surface Mount Attachments.

CAT. NO.	COLOR
RRF10RW	Black

Minimum order: 1 each.

CRL Replacement Gasket Set for Swivel Head Glass Attachment



Replacement Plastic Gasket Set includes parts required for Countersunk or Surface Mount Attachments.

CAT. NO.	COLOR
RSF10RW	Black

Minimum order: 1 each.

CRL Replacement Bolts for Post Mounted Spider Fittings

Replacement Bolts for Post Mounted Spider Fittings. Available in Brushed and Polished Stainless Steel



CAT. NO.	SIZE	FINISH
RBEB2BS	3/8" - 16 x 2" (51 mm)	Brushed Stainless
RBEB2PS	3/8" - 16 x 2" (51 mm)	Polished Stainless

Minimum order: 1 each.

CRL Replacement Stud Set for Fin Mounted Spider Fittings

Replacement Stud Set includes parts required for Fin Mounted Spider Fittings.



CAT. NO.	FINISH
M10SETBS	Brushed Stainless
M10SETPS	Polished Stainless

Minimum order: 1 each.

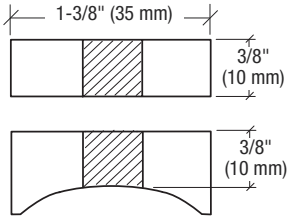
CRL Post Adapters

- **Designed for Round or Flat Posts**
- **3/8" (10 mm) Deep Hole to Provide for Proper Attachment Requirements to Mount Spider Fitting to Post**

Adapters are to be welded to Posts, and are drilled and tapped to accept mounting hardware supplied with Spider Fittings.

CAT. NO.	FINISH	FOR USE ON
SPA01SS	Mill Stainless	Flat-Sided Posts
SPA02SS*	Mill Stainless	Round Posts

Minimum order: 1 each. * For use with 1-1/2" (38 mm) to 2" (51 mm) outside diameter posts.

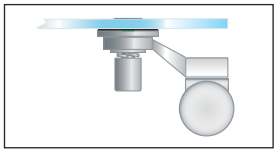




CRL Single Arm Post Mount Fittings

- **Short and Long Arms Available**
- **Complete With Hardware to Mount to Post**

These CRL Post Mount Fittings are used to attach a single glass panel to a structural end post. Comes with one 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

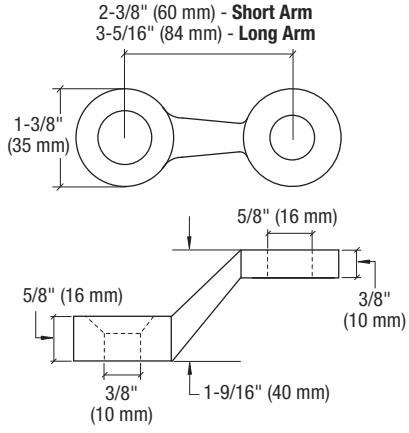


Glass Attachments Must Be Ordered Separately (see opposite page)



Short Arm Long Arm

MORE INFORMATION crlaurence.com



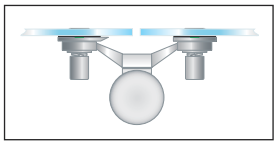
SHORT ARM CAT. NO.	LONG ARM CAT. NO.	FINISH
GRP1BS	GRP1LBS	316 Brushed Stainless
GRP1PS	GRP1LPS	316 Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm Post Mount Fitting

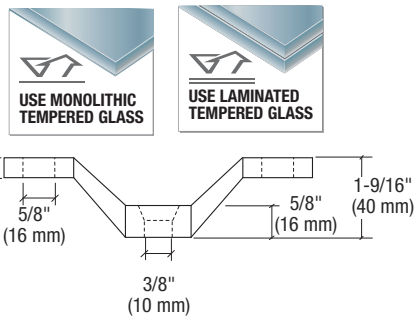
- **Compact Design for Minimal Obstruction**
- **Complete With Hardware to Mount to Post**

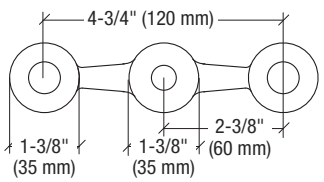
This CRL Post Mount Fitting is used to attach two inline glass panels to a structural center post. Comes with one 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.



Glass Attachments Must Be Ordered Separately (see opposite page)







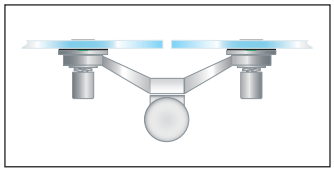
CAT. NO.	FINISH
GRP2BS	316 Brushed Stainless
GRP2PS	316 Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm "V" Post Mount Fitting

- Classic "V" Look
- Complete With Hardware to Mount to Post

This CRL Post Mount Fitting is used to attach a single glass panel to a structural end post, or two inline glass panels to a structural center post. Comes with one 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

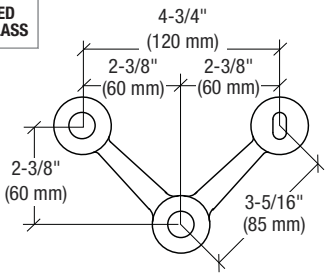


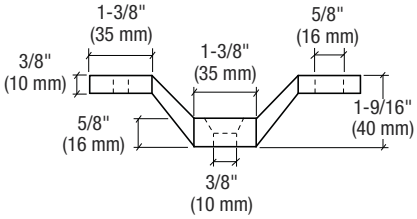
Glass Attachments Must Be Ordered Separately (see page HR112)

USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS

MORE CHOICES crlaurence.com







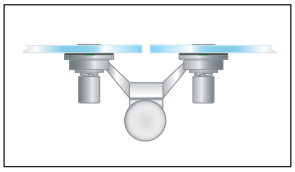
CAT. NO.	FINISH
GRP2VBS	316 Brushed Stainless
GRP2VPS	316 Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm "V" Post Mount Fitting

- Classic "V" Look
- Complete With Hardware to Mount to Post

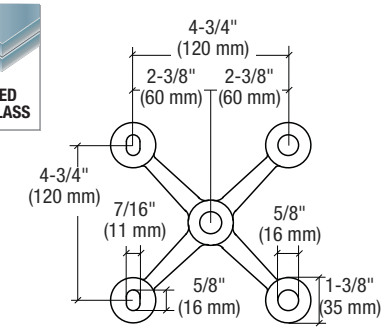
This CRL Post Mount Fitting is used to attach two inline glass panels to a structural center post. Comes with one 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

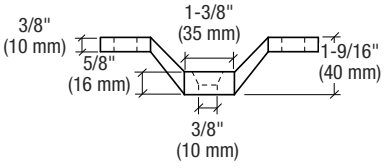


Glass Attachments Must Be Ordered Separately (see page HR112)

USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS







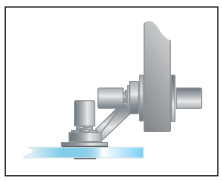
CAT. NO.	FINISH
GRP4BS	316 Brushed Stainless
GRP4PS	316 Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Arm Wall/Fin Mount Fitting

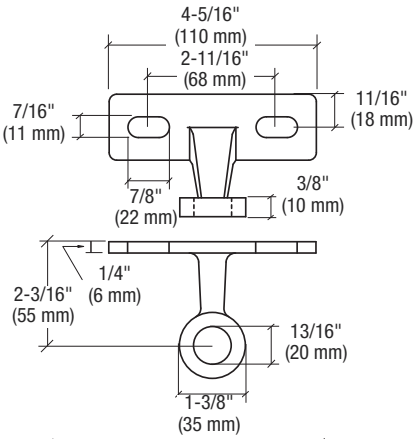
- Compact Design for Minimal Obstruction
- Complete With Hardware to Mount to Wall or Structural Fin

This Wall/Fin Mount Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers. See page HR113 for a Replacement Stud Set.



Glass Attachments Must Be Ordered Separately (see page HR112)

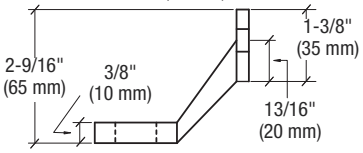




CAT. NO.	FINISH
GRF1BS	316 Brushed Stainless
GRF1PS	316 Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

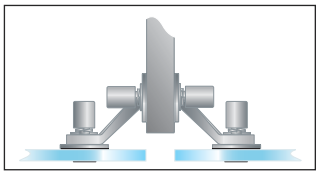
USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS



CRL Double Arm Wall/Fin Mount Fitting

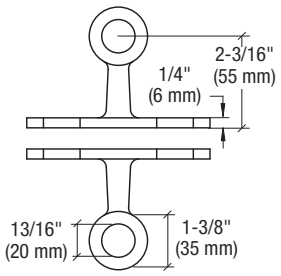
MORE CHOICES crlaurence.com

- Compact Design for Minimal Obstruction
- Complete With Hardware to Mount to Wall or Structural Fin

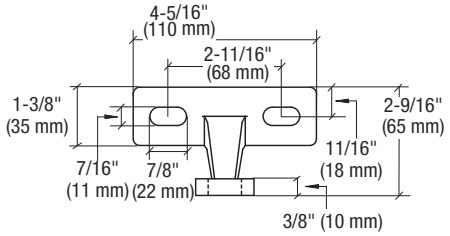


Glass Attachments Must Be Ordered Separately (see page HR112)





This Wall/Fin Mount Fitting is used to attach two inline glass panels to a structural fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and four matching cap nuts with washers. See page HR113 for a Replacement Stud Set.



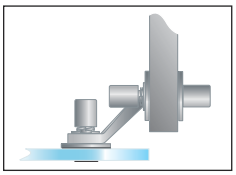
CAT. NO.	FINISH
GRF2BS	316 Brushed Stainless
GRF2PS	316 Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS

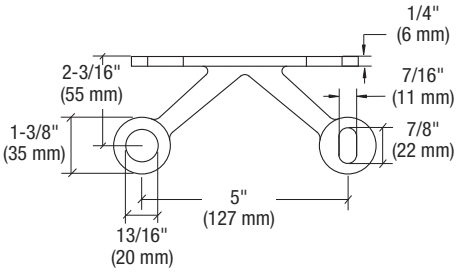
CRL Double Arm "V" Wall/Fin Mount Fitting

- Classic "V" Look
- Complete With Hardware to Mount to Wall or Structural Fin

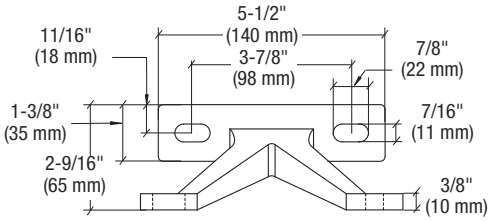


Glass Attachments Must Be Ordered Separately (see page HR112)





This Wall/Fin Mount Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and two matching cap nuts with washers. See page HR113 for a Replacement Stud Set.



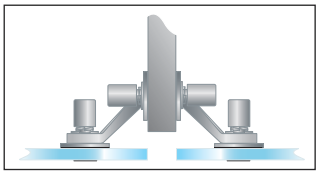
CAT. NO.	FINISH
GRF2VBS	316 Brushed Stainless
GRF2VPS	316 Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

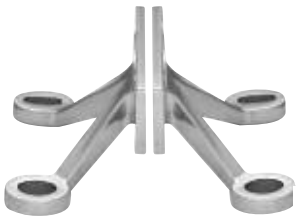
USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS

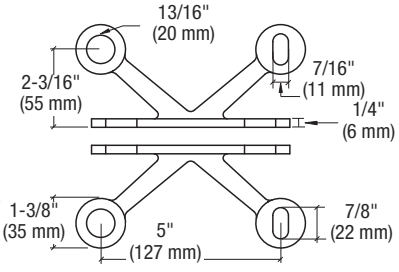
CRL Four Arm "V" Wall/Fin Mount Fitting

- Classic "V" Look
- Complete With Hardware to Mount to Wall or Structural Fin

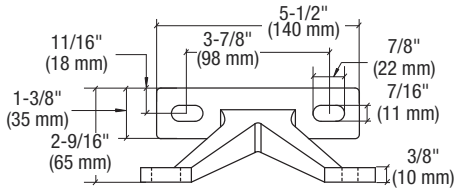


Glass Attachments Must Be Ordered Separately (see page HR112)





This Wall/Fin Mount Fitting is used to attach two inline glass panels to a structural center fin. Comes with two M10-1.5 x 59 mm (2-5/16") stainless steel threaded studs and four matching cap nuts with washers. See page HR113 for a Replacement Stud Set.



CAT. NO.	FINISH
GRF4BS	316 Brushed Stainless
GRF4PS	316 Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

USE MONOLITHIC TEMPERED GLASS or USE LAMINATED TEMPERED GLASS

CRL Stainless Steel Modular Crossbar Infill System

MORE INFORMATION crlaurence.com

- Commonly Used as a Railing Infill
- Easy Slip Fit Design, No Special Welding or Fabrication Required
- 316 Alloy Stainless Steel in Two Architectural Finishes



CRL's Stainless Steel Modular Crossbar Infill System is designed for standard infill railing applications. Offered in two 316 alloy architectural finishes, this component system requires no special welding or fabrication. This modular stainless steel system can be cut and installed easily with its slip fit design.

Components are designed for both round post and square post applications. For screws to attach the Standoff Connectors to the post specify our Cat. No. SRB0LT 1/4"-20 x 1" (25 mm) bolt. For thin wall posts, 1/8" (3 mm) or less, use CRL Rivet Nuts for attachment (see page HR109). Our modular Standoff Connector Systems can be used as shown or customized to your client's needs.

- Standard Mounting Options



Flat Back Surface Mount



Round Post Surface Mount



Mount Back Plate to Post With CAT. NO. SRBOLT



Sleeve External Housing Over Back Mounting Plate and Tighten Set Screw



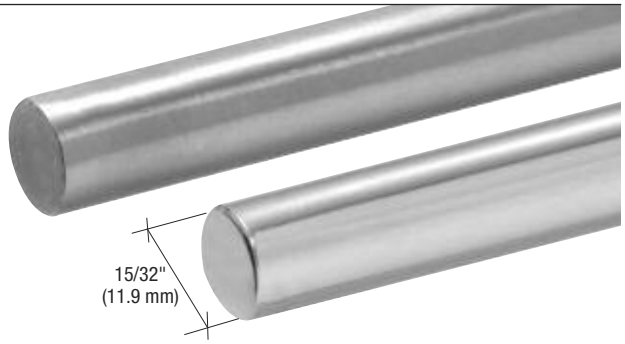
Insert 15/32" (11.9 mm) Stainless Steel Crossbar Into Position



Tighten Set Screw to Complete Installation

CRL Stainless Steel Crossbar Rod

- Easy Slip Fit Design With No Welding or Custom Fabrication Required
- 316 Alloy Stainless Steel for Interior and Exterior Use
- Two Architectural Finishes to Match Our Standoff Connectors



CRL's Stainless Steel Crossbar System is designed for standard infill railing applications. This component system requires no special welding or fabrication at the job site. The Stainless Steel Crossbar can be cut and installed easily with its slip fit design. Crossbars are shipped in 236" (6 m) lengths.

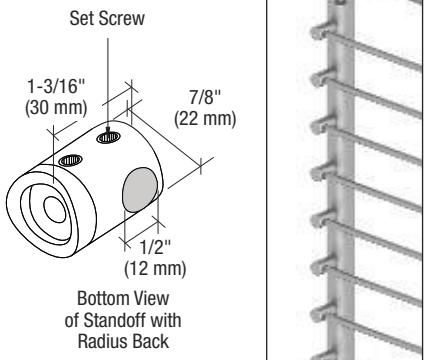
CAT. NO.	LENGTH	GRADE	FINISH
CBR12BS	236" (6 m)	316	Brushed Stainless
CBR12PS	236" (6 m)	316	Polished Stainless

Minimum order: 1 each. Must ship common carrier. Finishes can be combined for quantity pricing.

CRL Left End Standoff Connector (Radius Back)

PHOTO GALLERY crlaurence.com

- Attaches to 1-1/2" (38 mm) to 2" (51 mm) Diameter Tubing
- Surface Mount Design With No Exposed Fasteners
- Supports 15/32" (11.9 mm) Diameter Crossbar
- Easy Slip Fit Mounting
- 316 Alloy Stainless Steel



Bottom View of Standoff with Radius Back





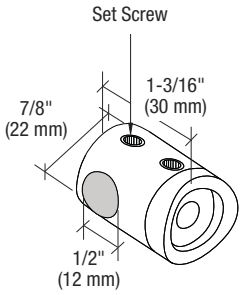
CAT. NO.	GRADE	FINISH
CBR3BS	316	Brushed Stainless
CBR3PS	316	Polished Stainless

Minimum order: 1 each. All Crossbar Connectors can be combined for quantity pricing.

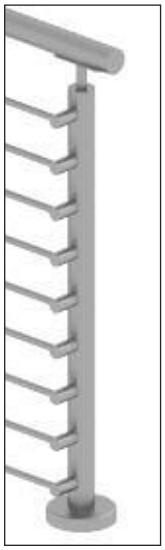
CRL's Stainless Steel Standoff Connectors are designed to support 15/32" (11.9 mm) diameter Stainless Steel Crossbar Rod. Our easy slip fit design allows for seamless installations. No special welding or fabrication required. When attaching to the post use our Cat. No. SRB0LT 1/4"-20 x 1" (25 mm) Bolt.

CRL Right End Standoff Connector (Radius Back)

- Attaches to 1-1/2" (38 mm) to 2" (51 mm) Diameter Tubing
- Surface Mount Design With No Exposed Fasteners
- Supports 15/32" (11.9 mm) Diameter Crossbar
- Easy Slip Fit Mounting
- 316 Alloy Stainless Steel



Bottom View of Standoff with Radius Back





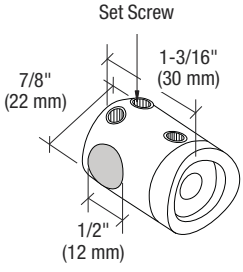
CAT. NO.	GRADE	FINISH
CBR4BS	316	Brushed Stainless
CBR4PS	316	Polished Stainless

Minimum order: 1 each. All Crossbar Connectors can be combined for quantity pricing.

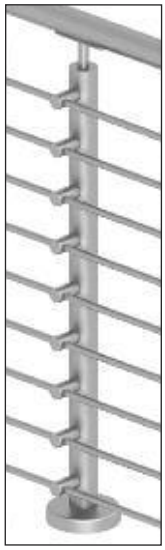
CRL's Stainless Steel Standoff Connectors are designed to support 15/32" (11.9 mm) diameter Stainless Steel Crossbar Rod. Our easy slip fit design allows for seamless installations. No special welding or fabrication required. When attaching to the post use our Cat. No. SRB0LT 1/4"-20 x 1" (25 mm) Bolt.

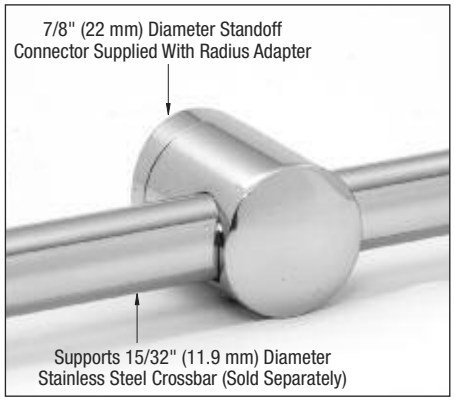
CRL Center Standoff Connector (Radius Back)

- Attaches to 1-1/2" (38 mm) to 2" (51 mm) Diameter Tubing
- Supports 15/32" (11.9 mm) Diameter Crossbar
- Easy Slip Fit Mounting With No Special Welding or Fabrication
- 316 Alloy Stainless Steel



Bottom View of Standoff with Radius Back





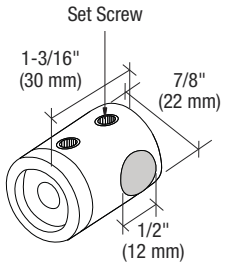
CAT. NO.	GRADE	FINISH
CBR5BS	316	Brushed Stainless
CBR5PS	316	Polished Stainless

Minimum order: 1 each. All Crossbar Connectors can be combined for quantity pricing.

For center posts, CRL's Stainless Steel Center Standoff Connectors are designed to support 15/32" (11.9 mm) diameter Stainless Steel Crossbar Rod. Our easy slip fit design allows for seamless installations. No special welding or fabrication required. When attaching to the post use our Cat. No. SRB0LT 1/4"-20 x 1" (25 mm) Bolt.

CRL Left End Standoff Connector (Flat Back)

- For Square Post Applications
- Surface Mount Design With No Exposed Fasteners
- Supports 15/32" (11.9 mm) Diameter Crossbar
- Easy Slip Fit Mounting
- 316 Alloy Stainless Steel



Bottom View of Standoff With Flat Back





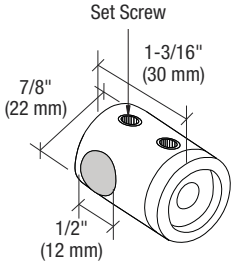
CRL's Stainless Steel Standoff Connectors are designed to support CRL 15/32" (11.9 mm) diameter Stainless Steel Crossbar Rod. Our easy slip fit design allows for seamless installations. No special welding or fabrication required. When attaching to the post use our Cat. No. SRB0LT 1/4"-20 x 1" (25 mm) bolt.

CAT. NO.	GRADE	FINISH
CBR6BS	316	Brushed Stainless
CBR6PS	316	Polished Stainless

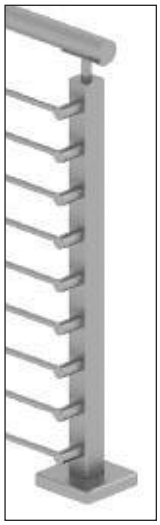
Minimum order: 1 each. All Crossbar Connectors can be combined for quantity pricing.

CRL Right End Standoff Connector (Flat Back)

- For Square Post Applications
- Surface Mount Design With No Exposed Fasteners
- Supports 15/32" (11.9 mm) Diameter Crossbar
- Easy Slip Fit Mounting
- 316 Alloy Stainless Steel



Bottom View of Standoff With Flat Back





CRL's Stainless Steel Standoff Connectors are designed to support CRL 15/32" (11.9 mm) diameter Stainless Steel Crossbar Rod. Our easy slip fit design allows for seamless installations. No special welding or fabrication required. When attaching to the post use our Cat. No. SRB0LT 1/4"-20 x 1" (25 mm) bolt.

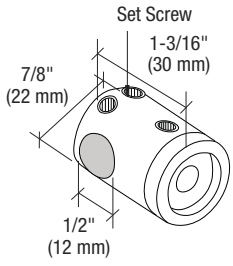
CAT. NO.	GRADE	FINISH
CBR7BS	316	Brushed Stainless
CBR7PS	316	Polished Stainless

Minimum order: 1 each. All Crossbar Connectors can be combined for quantity pricing.

CRL Center Standoff Connector (Flat Back)

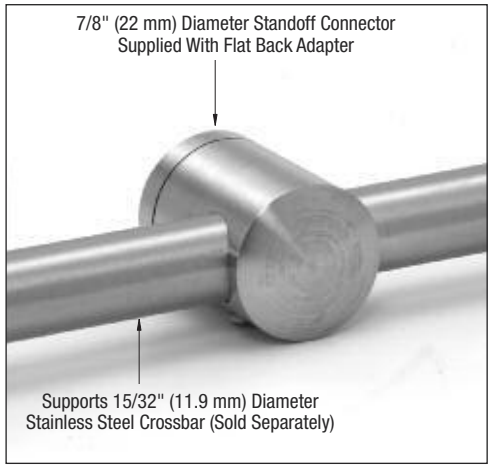
MORE INFORMATION crlaurence.com

- For Square Post Applications
- Surface Mount Design With No Exposed Fasteners
- Supports 15/32" (11.9 mm) Diameter Crossbar
- Easy Slip Fit Mounting With No Special Welding or Fabrication
- 316 Alloy Stainless Steel



Bottom View of Standoff With Flat Back





For center posts, CRL's Stainless Steel Center Standoff Connectors are designed to support 15/32" (11.9 mm) diameter Stainless Steel Crossbar Rod. Our easy slip fit design allows for seamless installations. No special welding or fabrication required. When attaching to the post use our Cat. No. SRB0LT 1/4"-20 x 1" (25 mm) bolt.

CAT. NO.	GRADE	FINISH
CBR8BS	316	Brushed Stainless
CBR8PS	316	Polished Stainless

Minimum order: 1 each. All Crossbar Connectors can be combined for quantity pricing.

CRL WRS Welded Post Railing System for Use With Glass Infill Panels

- Available in 1-1/2" Schedule 40 Pipe, 1.90" (48 mm) Outside Diameter
- Also Available in 2" (51 mm) O.D. Square Pipe
- Polished or Brushed Stainless Steel, Polished or Satin Brass, Mill or Powder Coated Aluminum
- Glass is Secured With Our Z-Series Glass Clamps, Custom Standoffs or Spider Fittings
- Custom Fabricated to Your Specifications



CRL WRS Welded Post Railing Systems for use with glass infill panels are custom fabricated to the customer's specifications. They are available in 1-1/2" Schedule 40 Pipe and 2" (51 mm) Square Profile Pipe. Polished stainless steel or brushed stainless steel finishes are available from stock, as well as polished or satin brass, mill and powder coated aluminum. Other diameters and finishes are available on special order. All WRS Post Rails are supplied with Internal Splice Connectors and accessories required for completing the system.

MORE INFORMATION
crlaurence.com

Welded Construction



CRL WRS Post Railings are constructed using welded intersections and Internal Splice Connectors to produce a custom job site fabricated look, but with the convenience of a modular system.

Integrated Hand Railing and Brackets



CRL Hand Railings can be combined with Post Railings using Standard Post Mount Brackets found on pages HR199 to HR206, or with custom designed brackets to meet any design need.

Various Mounting Options



CRL WRS Post Railings can be fabricated with a Welded Floor Flange for surface mounting to various substrates and angles. An optional cover is available to provide a more finished look. See pages HR122 to HR123.



CRL WRS Post Railings can be fabricated for embed mount into the concrete substrate. A minimum 8" (203 mm) embedment depth is required. Always consult local code requirements.

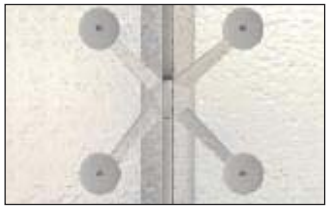


CRL has Fascia Mount Brackets to meet your design needs. As with all railing applications, proper engineering is required to ensure code compliance and safety. See pages HR124 to HR125.

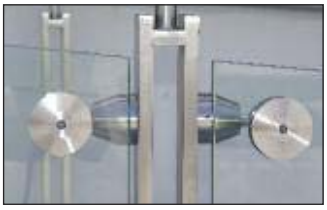
A Variety of Glass Securing Options



CRL Z-Series Glass Clamps are used as the standard means of securing glass infill panels, and are stocked in a variety of finishes and sizes. See pages HR102 to HR108.



CRL's line of Spider Fittings is especially designed for use on Post Railings. See pages HR111 to HR115 for details.



CRL Double Arm Glass Fittings are designed for straight or segmented applications. See pages HR100 to HR101 for details.



CRL offers infinite design options with the use of Standoffs in your Post Railing projects. Consult CRL Technical Sales for information on Custom Standoff needs.

CRL WRS Welded Post Railing System for Use With Glass, Cable, and Stainless Crossbar Infill Options

- Fabricated by CRL and Ready to Install
- Components Also Available to Construct Your Own
- Surface Mount, Core Mount, and Fascia Mount Options Available
- Meets and Exceeds Guard Rail Load Requirements
- Square and Round Tubing Profiles
- Many Infill Options to Select From



Select From Two Corner Styles - Mitered or Bent

Standard Mitered Corner



Standard Bent Corner



Standard Welded Intersection



CRL WRS Welded Post Railing Systems are designed to meet and exceed the strictest building code requirements and support a wide range of infill panels. Glass, metal, and stainless steel crossbars are just a few examples. These innovative systems are designed and fabricated to order based on your requirements. Contact CRL today and let us produce your next custom fabricated welded railing system.

2" (51 MM) ROUND FABRICATED POST RAIL SYSTEM

CAT. NO.	DESCRIPTION	GRADE	FINISH
PR1540BS	Fabricated 1.9" O.D. Post	304	Brushed Stainless
PR1540PS	Fabricated 1.9" O.D. Post	304	Polished Stainless
PR1540M	Fabricated 1.9" O.D. Post	304	Mill Finish Aluminum
PR1540SB	Fabricated 2" O.D. Post	304	Satin Brass
PR1540PB	Fabricated 2" O.D. Post	304	Polished Brass

Minimum order: 1 each.

2" (51 MM) SQUARE FABRICATED POST RAIL SYSTEM

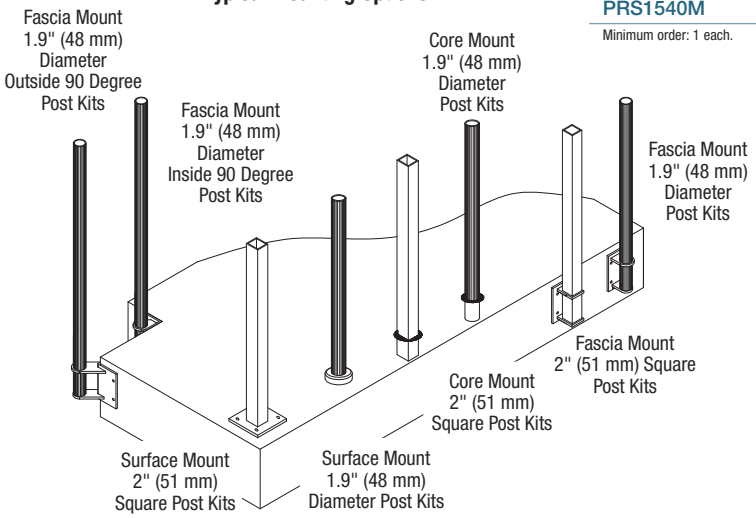
CAT. NO.	DESCRIPTION	GRADE	FINISH
PRS1540BS	Fabricated 2" O.D. Square Post	304	Brushed Stainless
PRS1540PS	Fabricated 2" O.D. Square Post	304	Polished Stainless
PRS1540M	Fabricated 2" O.D. Square Post	304	Mill Finish Aluminum

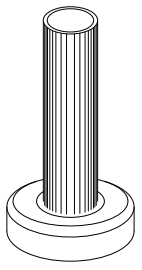
Minimum order: 1 each.

MORE INFORMATION
crlaurence.com

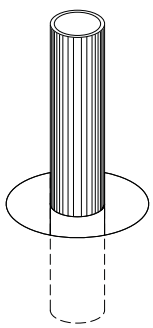
Typical Mounting Options

CRL WRS Welded Post Railing System
Typical Mounting Options

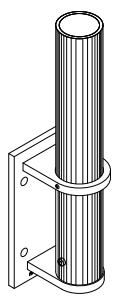




Surface Mounted Installation



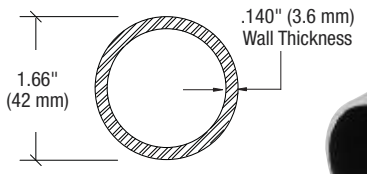
Core Mounted Installation



Fascia Mounted Installation

CRL 1-1/4" Schedule 40 Pipe Rail Tubing

- 1.66" (42 mm) Outside Diameter
- Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas
- Available in Polished or Brushed Stainless Steel
- Available in Stock Lengths or Custom Fabricated to Your Specifications





MORE INFORMATION crlaurence.com

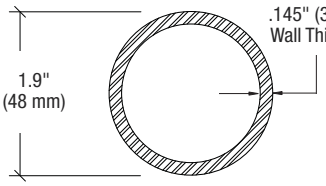
CAT. NO.	GRADE	FINISH	LENGTH	USE SLEEVE NO.
PR12BS10	304	Brushed Stainless	120" (3.05 m)	PR16CSS
PR12BS20	304	Brushed Stainless	240" (6.10 m)	PR16CSS
PR12PS10	304	Polished Stainless	120" (3.05 m)	PR16CSS
PR12PS20	304	Polished Stainless	240" (6.10 m)	PR16CSS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing. Must ship via common carrier.

CRL's 1-1/4" Schedule 40 Pipe Rail Tubing is designed for guard rail, hand rail, stairway, and handicap ramp areas. Formed using precision tooling to maintain uniform diameters and smooth hairline transitions at splice and end cap locations. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.

CRL 1-1/2" Schedule 40 Pipe Rail Tubing

- 1.9" (48 mm) Outside Diameter
- Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas
- Available in Polished or Brushed Stainless Steel, Mill or Powder Coated Aluminum
- Available in Stock Lengths or Custom Fabricated to Your Specifications





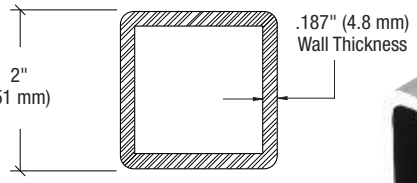
CAT. NO.	GRADE	FINISH	LENGTH	USE SLEEVE NO.
PR15BS10	304	Brushed Stainless	120" (3.05 m)	PR19CSS
PR15BS20	304	Brushed Stainless	240" (6.10 m)	PR19CSS
PR15PS10	304	Polished Stainless	120" (3.05 m)	PR19CSS
PR15PS20	304	Polished Stainless	240" (6.10 m)	PR19CSS
HR19M	304	Mill Finish Aluminum	240" (6.10 m)	GR19CSM

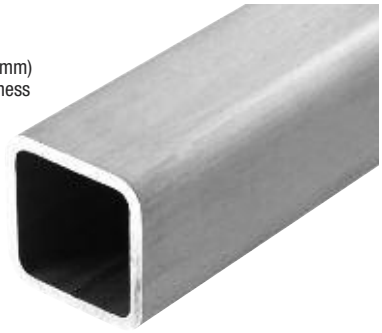
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing. Must ship via common carrier.

CRL's 1-1/2" Schedule 40 Pipe Rail Tubing is designed for guard rail, hand rail, stairway, and handicap ramp areas. Formed using precision tooling to maintain uniform diameters and smooth hairline transitions at splice and end cap locations. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.

CRL 2" Square O.D. Pipe Rail Tubing

- 2" (51 mm) Outside Diameter
- Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas
- Available in Polished or Brushed Stainless Steel, Mill or Powder Coated Aluminum
- Available in Stock Lengths or Custom Fabricated to Your Specifications





CAT. NO.	GRADE	FINISH	LENGTH	USE SLEEVE NO.
PR2BS10	304	Brushed Stainless	120" (3.05 m)	PR20CSS
PR2BS20	304	Brushed Stainless	240" (6.10 m)	PR20CSS
PR2PS10	304	Polished Stainless	120" (3.05 m)	PR20CSS
PR2PS20	304	Polished Stainless	240" (6.10 m)	PR20CSS
PR2M20	304	Mill Finish Aluminum	240" (6.10 m)	PR20CSM

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing. Must ship via common carrier.

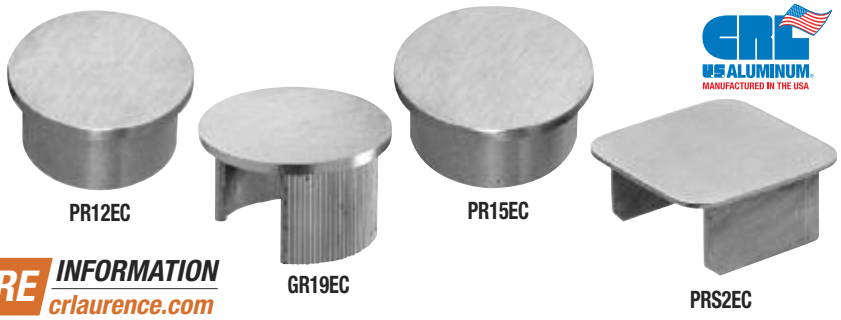
CRL's 2" Square Pipe Rail Tubing is designed for guard rail, hand rail, stairway, and handicap ramp areas. Formed using precision tooling to maintain uniform diameters at all four corners for smooth hairline transitions at splice and end cap locations. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL End Caps for Pipe Rails

- Ready to Install
- 304 Stainless or 6063 Mill Aluminum
- Custom End Caps are Also Available

CRL End Caps easily slip into our Schedule 40 and Square Pipe Rails for a finished look. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.



MORE INFORMATION crlaurence.com

FOR 1-1/4" SCHEDULE 40 PIPE RAIL 1.66" (42 MM) O.D.

CAT. NO.	FINISH	FITS PIPE RAIL NO.
PR12ECBS	Brushed Stainless	PR12BS
PR12ECPS	Polished Stainless	PR12PS

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 1-1/2" SCHEDULE 40 PIPE RAIL 1.9" (48 MM) O.D.

CAT. NO.	FINISH	FITS PIPE RAIL NO.
PR15ECBS	Brushed Stainless	PR15BS
PR15ECPS	Polished Stainless	PR15PS
GR19ECM	Mill Finish Aluminum	HR19M

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

FOR 2" (51 MM) SQUARE PIPE RAIL .187" (5 MM) WALL THICKNESS

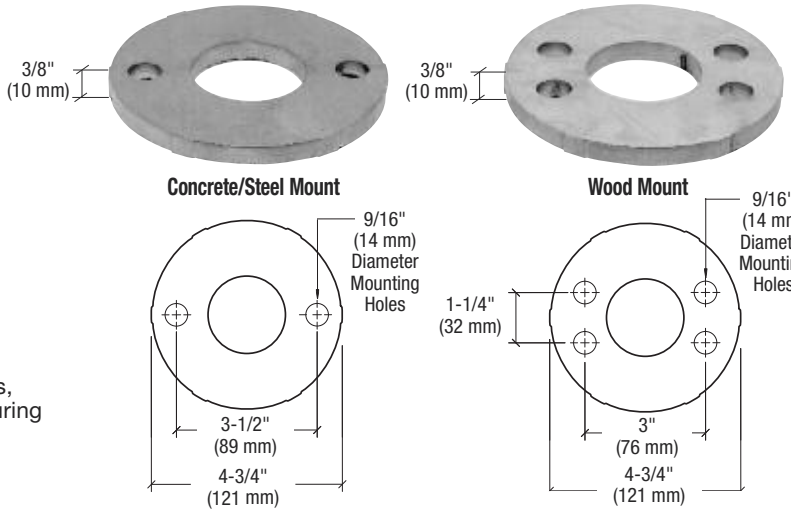
CAT. NO.	FINISH	FITS PIPE RAIL NO.
PRS2ECBS	Brushed Stainless	PR2BS
PRS2ECPS	Polished Stainless	PR2PS
PRS2ECM	Mill Finish Aluminum	PR2M

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL Base Flanges for Schedule 40 Pipe Railings

- Flanges for 1.66" (42 mm) O.D. and 1.9" (48 mm) O.D. Tubing
- Designed to Be Welded to the Post Base
- Fastened With 3/8" (10 mm) Anchor Bolts

CRL Base Flanges are available for concrete, steel, and wood substrates. Fastened with 3/8" (10 mm) anchor bolts, these Base Flanges need to be welded to the post base during fabrication. Base Flange Covers are sold separately (see below).



CAT. NO.	FITS	MOUNTING STYLE	MATERIAL
PR12FCS	1-1/4" (32 mm) Sch. 40 Pipe Rail	Concrete/Steel Mount	304 Stainless Steel
PR12FWS	1-1/4" (32 mm) Sch. 40 Pipe Rail	Wood Mount	304 Stainless Steel
PR15FCS	1-1/2" (38 mm) Sch. 40 Pipe Rail	Concrete/Steel Mount	304 Stainless Steel
PR15FWS	1-1/2" (38 mm) Sch. 40 Pipe Rail	Wood Mount	304 Stainless Steel
PR19FCM	1-1/2" (38 mm) Sch. 40 Pipe Rail	Concrete/Steel Mount	6063 Mill Finish Aluminum
PR19FWM	1-1/2" (38 mm) Sch. 40 Pipe Rail	Wood Mount	6063 Mill Finish Aluminum

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.



CRL Base Flange Covers

- Available in Brushed or Polished Stainless Steel
- Snap Over Covers for Use on Surface, Stair, Ramp or Core Mount Applications

These CRL Covers snap over the base flange to conceal the base plate and anchor bolts to dress up the installation.



CAT. NO.	FITS	GRADE	FINISH
CR12SPCBS	1-1/4" (32 mm) Sch. 40 Pipe Rail	316	Brushed Stainless
CR12SPCPS	1-1/4" (32 mm) Sch. 40 Pipe Rail	316	Polished Stainless
CR15SPCBS	1-1/2" (38 mm) Sch. 40 Pipe Rail	316	Brushed Stainless
CR15SPCPS	1-1/2" (38 mm) Sch. 40 Pipe Rail	316	Polished Stainless

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

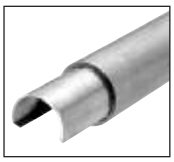


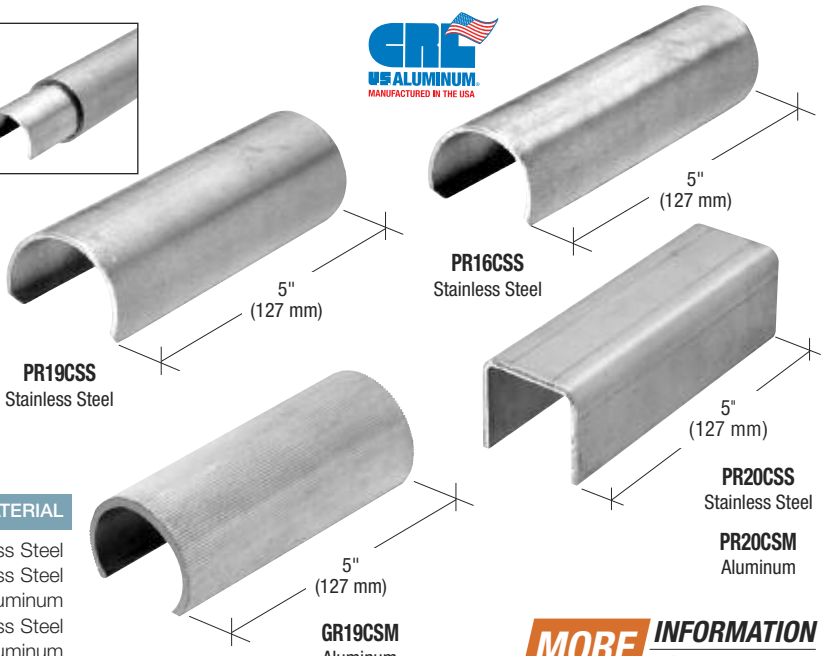
CRL Pipe Rail Splice Connectors

- Provide Proper Alignment Between Railing Splices
- Shaped to Fit and Ready to Install in Pipe Railings

CRL Pipe Rail Splice Connectors are used to connect and provide proper alignment between railing splice locations. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.

Important Installation Note: Always Use Connector Sleeves made of the same metal as the Cap Rail, Cap Rail Corner, or Hand Rail Metal





CAT. NO.	FOR USE WITH	MATERIAL
PR16CSS	1-1/4" Sch. 40 1.66" (42 mm) Tubing	Stainless Steel
PR19CSS	1-1/2" Sch. 40 1.9" (48 mm) Tubing	Stainless Steel
GR19CSM	1-1/2" Sch. 40 1.9" (48 mm) Tubing	Mill Finish Aluminum
PR20CSS	2" (51 mm) Square Pipe Rail	Stainless Steel
PR20CSM	2" (51 mm) Square Pipe Rail	Mill Finish Aluminum

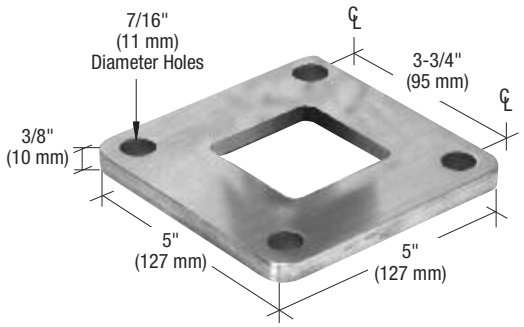
Minimum order: 1 each. All Splice Connectors can be combined for quantity pricing.

MORE INFORMATION crlaurence.com

CRL Base Flange for 2" Square Pipe Rail

- Flanges for 2" (51 mm) O.D. Square Tube
- Designed to Be Welded to the Post's Base
- For Mounting on Concrete, Steel, or Wood Substrates
- Uses 3/8" (10 mm) Anchor Bolts





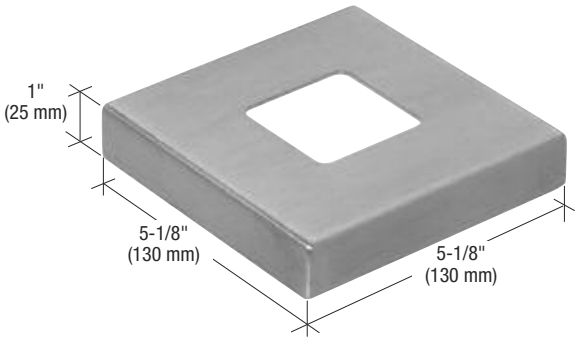
CAT. NO.	FITS
PRS2CS	2" (51 mm) O.D. Square Pipe Rail

Minimum order: 1 each.

CRL Base Flange Covers

- Designed to Cover 5" x 5" (127 x 127 mm) Welded Flanges on 2" (51 mm) O.D. Square Tube
- 1" (25 mm) Standard Height
- Available in Brushed and Polished Stainless Steel





This CRL Base Flange Cover for 2" (51 mm) O.D. Square Pipe Rail is designed to snap over the 5" x 5" (127 x 127 mm) base plate and conceal the anchor bolts. Use Cat. No. 95CBL Silicone (see page HR048) for a secure attachment.

CAT. NO.	GRADE	FINISH
CR16SPCBS	304	Brushed Stainless
CR16SPCPS	304	Polished Stainless

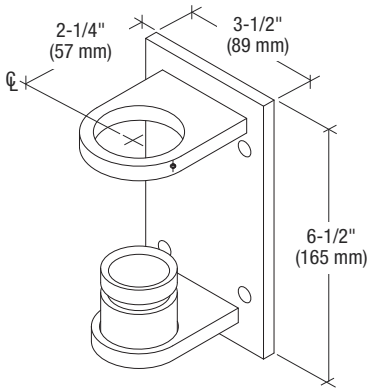
Minimum order: 1 each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL 1.9" Round Post Standard Fascia Mount Bracket

MORE INFORMATION crlaurence.com

- For Use With 1-1/2" Schedule 40, 1.9" (48 mm) O.D. Center and End Posts
- Alloy 316 Stainless Steel





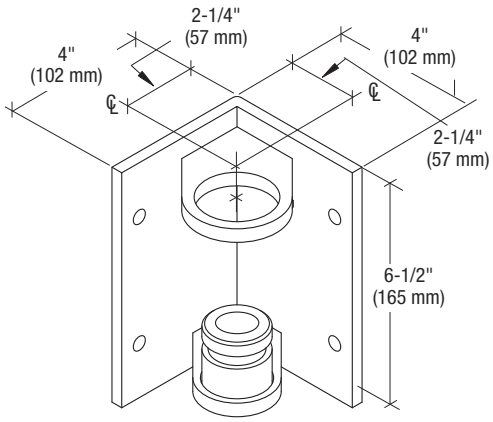
CRL WRS Standard Fascia Mount Brackets are designed for use with 1.9" diameter center or end posts. Four fasteners, not included, are required for mounting. A structural engineer should be consulted for proper fastener selection.
NOTE: Not for use with thin wall tubing.

CAT. NO.	GRADE	FINISH
CR15FBBS	316	Brushed Stainless
CR15FBPS	316	Polished Stainless

Minimum order: 1 each. All Fascia Mount Brackets can be combined for quantity pricing.

CRL 1.9" Round Post Inside Corner Fascia Mount Bracket

- For Use With 1-1/2" Schedule 40, 1.9" (48 mm) O.D. Inside 90 Degree Corner Posts
- Alloy 316 Stainless Steel





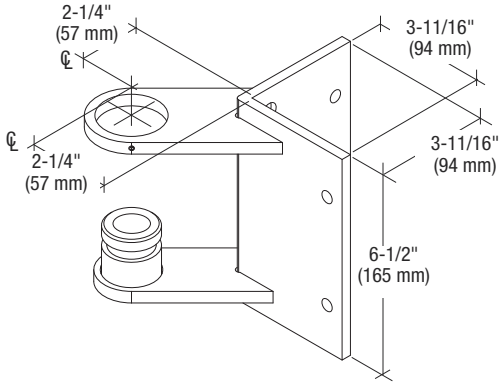
CRL WRS Inside Corner Fascia Mount Brackets are designed for use at inside corners of your railing, eliminating the need to double-up on the posts at the corner. Four fasteners, not included, are required for mounting. A structural engineer should be consulted for proper fastener selection.
NOTE: Not for use with thin wall tubing.

CAT. NO.	GRADE	FINISH
CR151FBBS	316	Brushed Stainless
CR151FBPS	316	Polished Stainless

Minimum order: 1 each. All Fascia Mount Brackets can be combined for quantity pricing.

CRL 1.9" Round Post Outside Corner Fascia Mount Bracket

- For Use With 1-1/2" Schedule 40, 1.9" (48 mm) O.D. Outside 90 Degree Corner Posts
- Alloy 316 Stainless Steel





CRL WRS Outside Corner Fascia Mount Brackets are designed for use at outside corners of your railing, eliminating the need to double-up on the posts at the corner. Four fasteners, not included, are required for mounting. A structural engineer should be consulted for proper fastener selection.
NOTE: Not for use with thin wall tubing.

CAT. NO.	GRADE	FINISH
CR150FBBS	316	Brushed Stainless
CR150FBPS	316	Polished Stainless

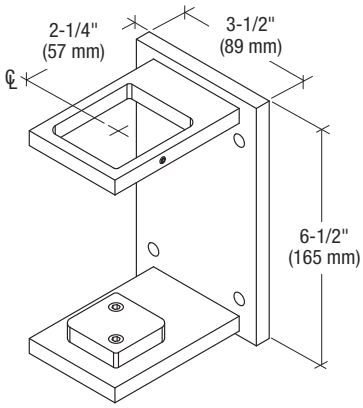
Minimum order: 1 each. All Fascia Mount Brackets can be combined for quantity pricing.

CRL 2" Square Post Standard Fascia Mount Bracket

MORE INFORMATION crlaurence.com

- For Use With 2" (51 mm) Square .187" (5 mm) Wall Thickness Center and End Posts
- Alloy 316 Stainless Steel

CRL WRS Square Standard Fascia Mount Brackets can be used with 2" (51 mm) square center or end posts. Four fasteners, not included, are required for mounting. A structural engineer should be consulted for proper fastener selection.
NOTE: Not for use with thin wall square tubing.





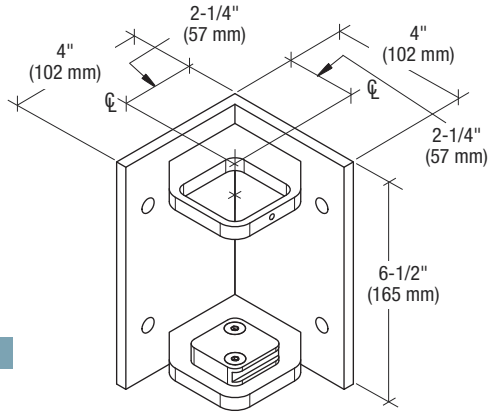
CAT. NO.	GRADE	FINISH
CR2FBBS	316	Brushed Stainless
CR2FBPS	316	Polished Stainless

Minimum order: 1 each. All Fascia Mount Brackets can be combined for quantity pricing.

CRL 2" Square Post Inside Corner Fascia Mount Bracket

- For Use With 2" (51 mm) Square .187" (5 mm) Wall Thickness Inside 90 Degree Corner Posts
- Alloy 316 Stainless Steel

CRL WRS Inside Corner Fascia Mount Brackets are designed for use at inside corners of your railing, eliminating the need to double-up on the posts at the corner. Four fasteners, not included, are required for mounting. A structural engineer should be consulted for proper fastener selection.
NOTE: Not for use with thin wall square tubing.





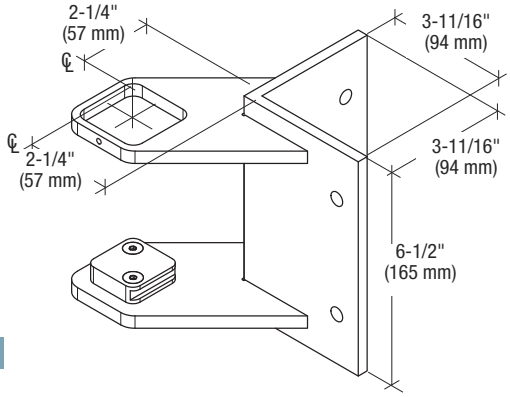
CAT. NO.	GRADE	FINISH
CR21FBBS	316	Brushed Stainless
CR21FBPS	316	Polished Stainless

Minimum order: 1 each. All Fascia Mount Brackets can be combined for quantity pricing.

CRL 2" Square Post Outside Corner Fascia Mount Bracket

- For Use With 2" (51 mm) Square .187" (5 mm) Wall Thickness Outside 90 Degree Corner Posts
- Alloy 316 Stainless Steel

CRL WRS Outside Corner Fascia Mount Brackets are designed for use at outside corners of your railing, eliminating the need to double-up on the posts at the corner. Four fasteners, not included, are required for mounting. A structural engineer should be consulted for proper fastener selection.
NOTE: Not for use with thin wall square tubing.





CAT. NO.	GRADE	FINISH
CR20FBBS	316	Brushed Stainless
CR20FBPS	316	Polished Stainless

Minimum order: 1 each. All Fascia Mount Brackets can be combined for quantity pricing.

CRL WRS Welded Post Railing System With Cable Infill

- **Available in 1-1/2" Schedule 40 Pipe, 1.9" (48 mm) Outside Diameter**
- **Polished or Brushed Stainless Steel, and Mill or Powder Coated Aluminum Finishes**
- **Uses 1/8" (3 mm) Diameter 1 x 19 Type 316 Stainless Steel Uncoated Cable**
- **Custom Fabricated to Your Specifications**



CRL WRS Welded Post Railing Systems for Cable Infill are custom fabricated to the customer's specifications. The standard offering is in 1-1/2" Schedule 40 Pipe, but diameters are available on special order. Polished stainless steel or brushed stainless steel finishes are available from stock, as well as mill aluminum. Powder coated finishes are available on special order. All WRS Post Rails are supplied with Internal Splice Connectors, Cable, and all accessories required for completing the system. For more information on fasteners and accessories, visit **crlaurence.com/cable**.

CAT. NO.	DESCRIPTION	MATERIALS	FINISH
PRC1540BS	Fabricated 1-1/2" Sch. 40 1.9" O.D. Post Rail System with Cable	316 Stainless	Brushed Stainless
PRC1540PS	Fabricated 1-1/2" Sch. 40 1.9" O.D. Post Rail System with Cable	316 Stainless	Polished Stainless
PRC1540M	Fabricated 1-1/2" Sch. 40 1.9" O.D. Post Rail System with Cable	Aluminum	Mill

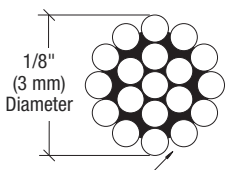
Drawings (with dimensions are required) for quotes and order request.

CRL 1/8" Stainless Steel Cable

- **1/8" (3 mm) Diameter 1 x 19 Type 316 Stainless Steel Cable**
- **Uncoated and Low Maintenance**

CRL 1/8" (3 mm) Stainless Steel Cable is made to hold static loads without stretching, and is relatively stiff. Recommended spacing between cables is 3" (76 mm) center-to-center. Order Cable in rolls, pre-cut kits with hardware, or we can custom cut it to your required length (see below).







Stainless Steel Cable is 19 separate wires twisted into a single strand. See **crlaurence.com/cable** for Cable Installation Tools.

CAT. NO.	ROLL LENGTH
CBL18	250' (76.2 m)

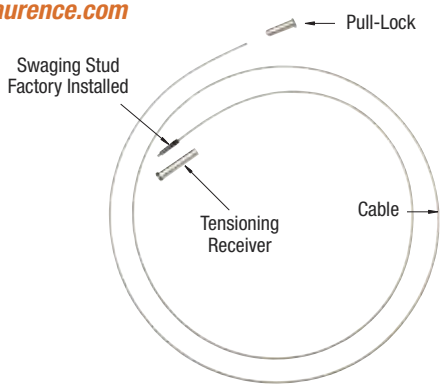
Minimum order: 1 roll.

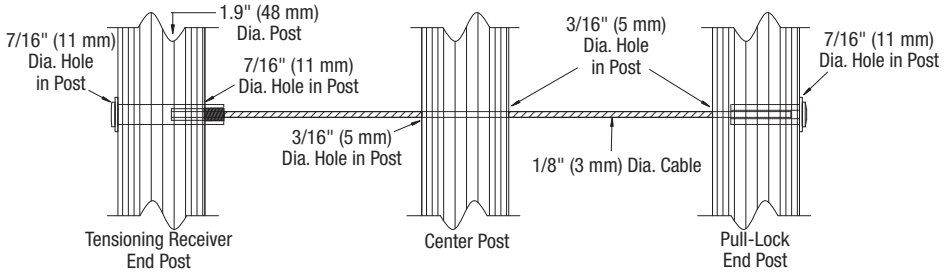
CRL 1/8" Pre-Cut Stainless Steel Cable Kits

MORE INFORMATION crlaurence.com

- **Four Pre-Cut Lengths, as Well as Custom Lengths**
- **Factory Installed Swaging Stud**
- **No Special Equipment Required for Installation**

CRL Pre-Cut Stainless Steel Cable Kits are offered in four standard lengths and custom lengths. Included with each kit; one pre-cut 1/8" (3 mm) diameter 1 x 19 Type 316 Stainless Steel Cable, one Cat. No. SWGST1 Swaging Stud factory installed on the Cable, one Cat. No. TENRR1 Tensioning Receiver, and one Cat. No. PUL4SS Pull-Lock. Recommended maximum spacing between cables is 3" (76 mm) center-to-center. The 1 x 19 Cable is engineered to hold static loads without stretching, and is relatively stiff. The maximum cable run is 50' (15.2 m). Post spacing not to exceed 42" (1.06 m) on center.





CAT. NO.	LENGTH
CBL188K	8' (2.4 m)
CBL1818K	18' (5.5 m)
CBL1836K	36' (11 m)
CBL1851K	51' (15.5 m)
CBL18KC	*Custom Length

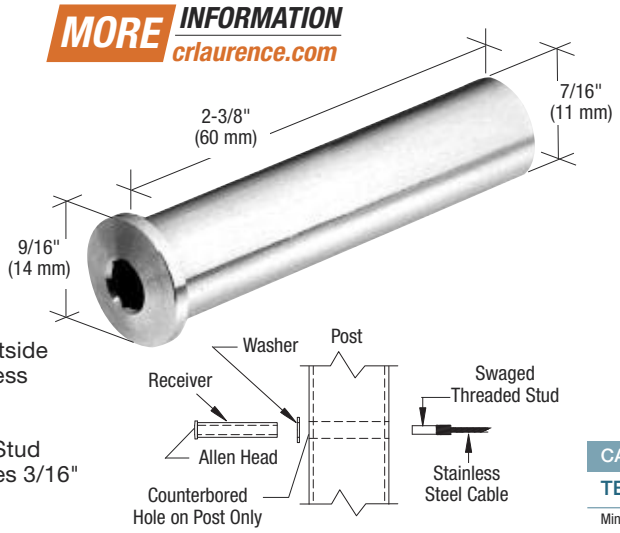
Minimum order: 1 each. *Must specify custom length at time of order.

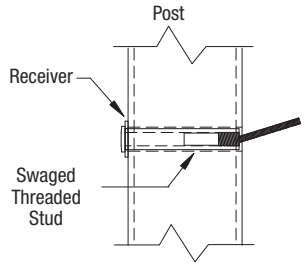
CRL Tensioning Receiver

MORE INFORMATION crlaurence.com

- Allows 1/8" (3 mm) Cable to Be Adjusted Between Spans
- Mounts to Aluminum, Wood or Stainless Steel Posts
- Type 316 Stainless Steel

The CRL Tension Receiver is a tensioning device hidden inside the end post, with only the head of the Receiver exposed on the outside of the post. It allows the 1/8" (3 mm) Stainless Steel Cable to be adjusted between spans. The inside is female-threaded to accept the male-threaded Cat. No. SWGST1 Swaging Stud Fitting that is attached to the cable. Requires 3/16" hex wrench to fasten.





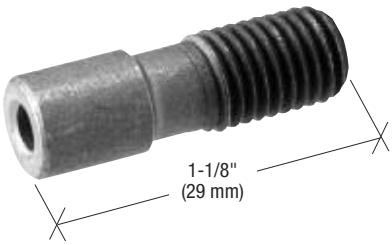
The Receiver can be used in a horizontal position on stair end posts that have a pitch up to 35 degrees. This eliminates the need to bore hardware holes at an angle on stair runs.

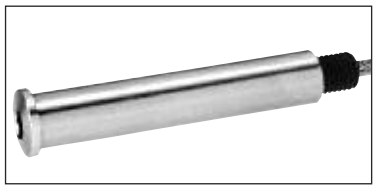
CAT. NO.	FITS CABLE DIAMETER
TENRR1	1/8" (3 mm)

Minimum order: 1 each.

CRL Swaging Stud Fitting

- Secures Our 1/8" (3 mm) 1 x 19 Type 316 Stainless Steel Cable
- Designed for Aluminum, Wood or Stainless Steel Post Applications





Threads into Cat. No. TENRR1 Tensioning Receiver

Swaged on the end of the Stainless Steel Cable, this part is used with the Cat. No. TENRR1 Tensioning Receiver. When installed, it is completely hidden inside the Fitting so you will never see any unattractive swaging marks. The threaded surface is coated with a baked-on, molybdenum based dry film lubricant to prevent the threads from galling when tensioned and in extreme environments. Only for use with 1/8" (3 mm) diameter Cable. **NOTE**: Cat. No. CBLS1K Cable Swager Tool Kit (sold separately) is required for installation.

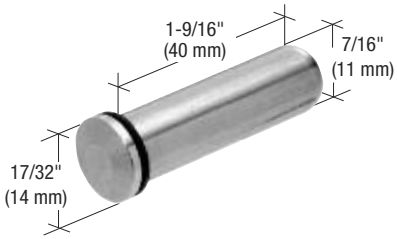
CAT. NO.	FITS CABLE DIAMETER
SWGST1	1/8" (3 mm)

Minimum order: 1 each.

CRL Push-Lock Fitting

- For Use With Our 1/8" (3 mm) 1 x 19 Type 316 Stainless Steel Cable

The CRL Push-Lock Fitting is designed to be used on 1/8" (3 mm) Cable. When used with an end post 1-1/2" (38 mm) or more in thickness, the Push-Lock Fitting with a rounded head is hidden inside the end post, with only the head exposed on the outside of the post. A plastic washer is included and acts as a scratch resistant barrier between the Push-Lock Fitting and post.





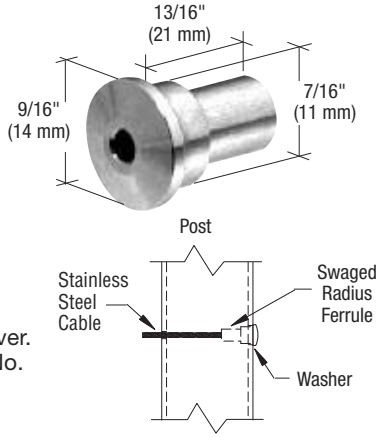
CAT. NO.	FITS CABLE DIAMETER
PL4SS	1/8" (3 mm)

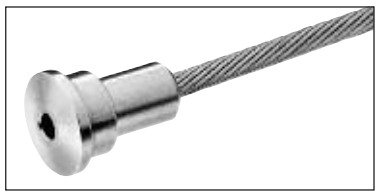
Minimum order: 1 each.

CRL Ferrule Fitting

- For Use on Fixed, Non-Tensioning End of Our 1/8" (3 mm) 1 x 19 Type 316 Stainless Steel Cable
- Mounts to Aluminum, Wood or Stainless Steel Posts

When installed, the Ferrule Fitting is hidden inside the end post, with only the head exposed on the outside of the post. After it's installed, it looks the same as the Tensioning Receiver. Only for use with 1/8" (3 mm) diameter Cable. **NOTE**: Cat. No. CBLS1K Cable Swager Tool Kit (sold separately) is required for installation.





CAT. NO.	FITS CABLE DIAMETER
FXFRL1	1/8" (3 mm)

Minimum order: 1 each.

CRL Component Railing System for Use With Glass Infill Panels

- **Design and Build Custom Post Railings From Stock Parts for Practically Any Application**
- **Non-Welded Mechanical Connections for Speedy Job Site Installation**
- **Clean Vertical Lines Without Glass Clamps**
- **Utilizes Our Popular Cap Rails and Companion Parts**
- **Polished or Brushed Stainless Steel Finishes Available From Stock**
- **Several Post Mounting Options Available**

MORE INFORMATION crlaurence.com

The CRL Component Railing System is Patent Pending



If you are looking for a railing system that is a step above an aluminum system, but do not want the expense of a custom welded stainless steel system, try our CRS Component Railing System.

It combines the strength of 1-1/2" Schedule 40 Stainless Steel Posts and a complete selection of CRS Adapter Fittings with our popular Premium Cap Rails to create an easy to assemble and install railing system. Glass Infill Panels are secured without Glass Clamps, and their bottom edges are protected with an attractive Bottom Cap Rail.

By using our specially designed CRS Adapter Fittings you can build your own railings from stock for practically any railing requirements you may encounter. CRS Top Adapter Fittings are simply bonded to the vertical posts using our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080). You can then bond any of our 1.66" (42 mm) or larger diameter Premium Stainless Steel Cap Rails to the Adapters. The Cap Rails are used in conjunction with matching diameter Corners, Connector Sleeves, and End Caps to create a wide variety of designs to meet most every need. A 1-1/2" (38 mm) diameter Stainless Steel Bottom Cap Rail easily attaches to the pre-drilled and tapped CRS Posts using a variety of CRS Bottom Rail Adapter Fittings (see pages HR135 to HR138) for level, sloped or stair applications.

CRL custom fabricates CRS Posts in five configurations: Flange Mount, Core Drill Mount, Stair Mount, Ramp Mount and Fascia Mount. These Posts are used with standard CRS Components and either 3/8" or 1/2" (10 or 12 mm) Tempered Glass Infill Panels to complete the installation. The CRS System utilizes a 'lift and drop' method of glass installation, allowing for less then perfect fabricated glass panels. No costly holes are required, and the top and bottom edges are captured, reducing polishing time and expense.

You can purchase stock CRS Components and Cap Rails to do your own fabrication, or you can let our expert fabricators do the work for you, leaving you with an easy to assemble railing package completely fabricated to your specifications. Polished stainless steel or brushed stainless steel finishes are available from stock.





See pages HR184 to HR187 for our Aluminum Component Railing System



CRL CRS Stainless Steel Post Kits

- **Post Kits Designed for Interior or Exterior Hand Rail and Guard Rail Applications**
- **Designed and Engineered to Meet or Exceed Building Code Requirements**
- **Low Maintenance 304 Grade Stainless Steel Alloy Posts Ready to Install**
- **Two Standard Stainless Steel Finishes**
- **Standard 36" and 42" (914 and 1066 mm) Tall Post Kits Available From Stock; Custom Height Post Kits are Also Available**

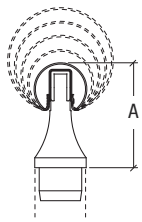
CRL's CRS Surface Mounted Post Kits are manufactured from Schedule 40 1.9" (48 mm) diameter Stainless Steel Tubing, and are designed for guard rail or hand rail applications. Kits are supplied complete with a Welded Base Plate, Base Cover Flange, Top Rail Adapter, and Bottom Rail Adapter.

Standard CRS 36" and 42" (914 and 1066 mm) Post Kits are designed for use with 1.66" (42 mm) or larger diameter Premium Stainless Steel Cap Rails and 1-1/2" (38 mm) diameter Bottom Rails. Custom Size Post Kits and other top cap rail sizes are available on special order. Contact Railing Technical Sales for more information.



End Post Kit | 180 Degree Center Post Kit | 90 Degree Corner Post Kit | 135 Degree Angle Post Kit

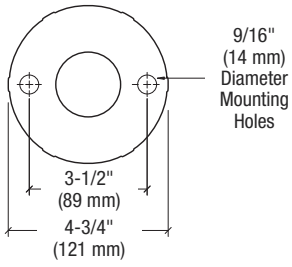
MORE INFORMATION crlaurence.com

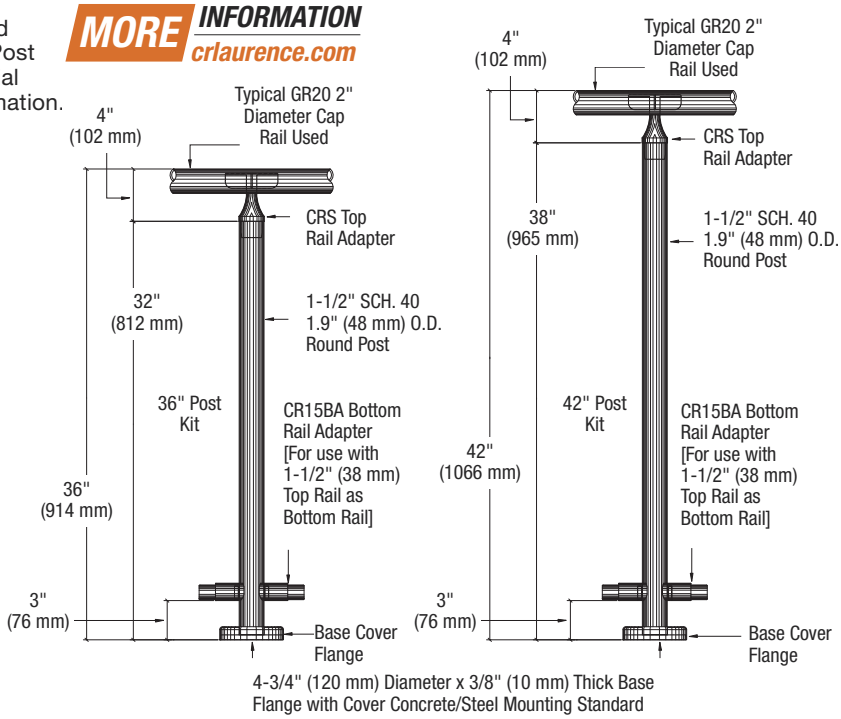


POST HEIGHT DEDUCTION

Cap Rail Diameter	Height from Top of Cap Rail to Top of Post (A)
1.66" (42 mm)	3-7/8" (98 mm)
2" (51 mm)	4" (102 mm)
2-1/2" (64 mm)	4-1/2" (114 mm)
3" (76 mm)	5" (127 mm)
3-1/2" (89 mm)	5-9/16" (141 mm)
4" (102 mm)	6-1/16" (154 mm)







4-3/4" (120 mm) Diameter x 3/8" (10 mm) Thick Base Flange with Cover Concrete/Steel Mounting Standard

END POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	FINISH
CR36EKBS	CR42EKBS	Brushed Stainless
CR36EKPS	CR42EKPS	Polished Stainless

Minimum order: 1 each.

180 DEGREE CENTER POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	FINISH
CR36CKBS	CR42CKBS	Brushed Stainless
CR36CKPS	CR42CKPS	Polished Stainless

Minimum order: 1 each.

90 DEGREE CORNER POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	FINISH
CR36LKBS	CR42LKBS	Brushed Stainless
CR36LKPS	CR42LKPS	Polished Stainless

Minimum order: 1 each.

135 DEGREE ANGLE POST KITS

36" HEIGHT CAT. NO.	42" HEIGHT CAT. NO.	FINISH
CR36AKBS	CR42AKBS	Brushed Stainless
CR36AKPS	CR42AKPS	Polished Stainless

Minimum order: 1 each.

TOP CAP RAILS



See Page HR130-HR131

BOTTOM RAILS



See Page HR132

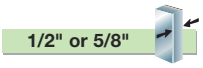
VINYL INSERTS



See Page HR134

The CRL Component Railing System is Patent Pending

CRL Premium Cap Rails for 1/2" or 5/8" (12 or 16 mm) Glass







- **Bump-Formed and Welded 120" (3.05 m) and 168" (4.27 m) Stock Lengths are Available in Six Diameters From 1.66" (42 mm) to 4" (102 mm)**
- **Cut to Size or Custom Fabricated Lengths Also Available**
- **Connect to a Variety of Fabricated Corners and End Caps**
- **Brushed and Polished Stainless Alloy 304 is Standard; Alloy 316 is Available in 2" (51 mm) Diameter**

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



CRL's Premium Cap Rails are manufactured using a unique process known as Bump-Forming that ensures accuracy, consistency, and high quality. Unlike roll-formed Cap Rails, CRL's Bump-Formed Cap Rails do not contain the stress and spring back associated with the roll-formed product. Welds on both sides of the channel add strength and stability to the Cap Rail. This results in a Cap Rail with tighter tolerances, consistent radii, and the ability to fit into welded corners without twist or discoloration. Put simply, it means this is the best product in the marketplace.

All CRL Premium Cap Railings are formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splices, corners, and end caps. The internal channel is welded in place to increase strength and stability for fabrication. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections. **NOTE:** When used with 1/2" (12 mm) glass, Cat. No. GR5PV Cap Rail Vinyl (see page HR134) and 95CBL Silicone should be used to secure the glass. When used with 5/8" (16 mm) glass, secure with 95CBL Silicone Sealant (see page HR048) and Shims only. Please contact CRL Technical Sales for more information or for a quote.

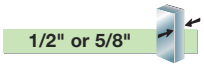
MORE INFORMATION
crlaurence.com

The CRL Component Railing System is Patent Pending

CRL Premium Cap Rails for 1/2" or 5/8" (12 or 16 mm) Glass

- 304 or 316 Grade Stainless Steel Alloy

MORE INFORMATION crlaurence.com

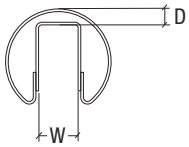


CRL US ALUMINUM MANUFACTURED IN THE USA

1.66" (42 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR16BS	GR16BS14	Brushed Stainless	3/4" (19 mm)	1/4" (6 mm)	304	.0625" (1.6 mm)	GR16CSS
GR16PS	GR16PS14	Polished Stainless	3/4" (19 mm)	1/4" (6 mm)	304	.0625" (1.6 mm)	GR16CSS

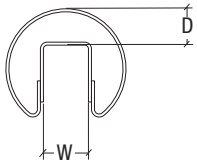
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship via common carrier.



2" (51 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR20BS	GR20BS14	Brushed Stainless	3/4" (19 mm)	3/8" (10 mm)	304	.050" (1.3 mm)	GR20CSS
GR20BS6	GR20BS146	Brushed Stainless	3/4" (19 mm)	3/8" (10 mm)	316	.050" (1.3 mm)	GR20CSS
GR20PS	GR20PS14	Polished Stainless	3/4" (19 mm)	3/8" (10 mm)	304	.050" (1.3 mm)	GR20CSS
GR20PS6	GR20PS146	Polished Stainless	3/4" (19 mm)	3/8" (10 mm)	316	.050" (1.3 mm)	GR20CSS

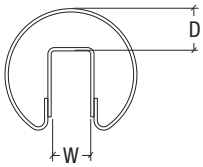
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship via common carrier.



2-1/2" (64 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR25BS	GR25BS14	Brushed Stainless	3/4" (19 mm)	7/8" (22 mm)	304	.0625" (1.6 mm)	GR25CSS
GR25PS	GR25PS14	Polished Stainless	3/4" (19 mm)	7/8" (22 mm)	304	.0625" (1.6 mm)	GR25CSS

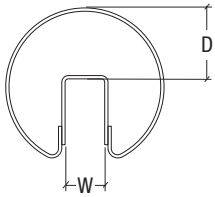
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship via common carrier.



3" (76 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR30BS	GR30BS14	Brushed Stainless	3/4" (19 mm)	1-3/8" (35 mm)	304	.0625" (1.6 mm)	GR30CSS
GR30PS	GR30PS14	Polished Stainless	3/4" (19 mm)	1-3/8" (35 mm)	304	.0625" (1.6 mm)	GR30CSS

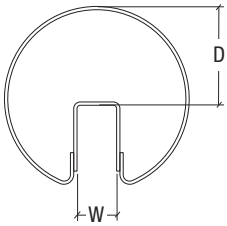
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship via common carrier.



3-1/2" (89 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR35BS	GR35BS14	Brushed Stainless	3/4" (19 mm)	1-7/8" (48 mm)	304	.0625" (1.6 mm)	GR35CSS
GR35PS	GR35PS14	Polished Stainless	3/4" (19 mm)	1-7/8" (48 mm)	304	.0625" (1.6 mm)	GR35CSS

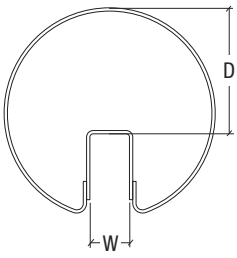
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship via common carrier.



4" (102 MM) DIAMETER PREMIUM CAP RAIL IN 120" (3.05 M) AND 168" (4.27 M) LENGTHS

CAT. NO. 120" (3.05 M)	CAT. NO. 168" (4.27 M)	FINISH	"W" WIDTH	"D" DEPTH*	GRADE	THICKNESS	USE SLEEVE NO.
GR40BS	GR40BS14	Brushed Stainless	3/4" (19 mm)	2-3/8" (60 mm)	304	.0625" (1.6 mm)	GR40CSS
GR40PS	GR40PS14	Polished Stainless	3/4" (19 mm)	2-3/8" (60 mm)	304	.0625" (1.6 mm)	GR40CSS

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. *This dimension is used to calculate the glass size. Add the clearance you desire or allow an additional 1/8" (3 mm) if using Cap Rail Vinyl (see page HR134). Must ship via common carrier.



The CRL Component Railing System is Patent Pending



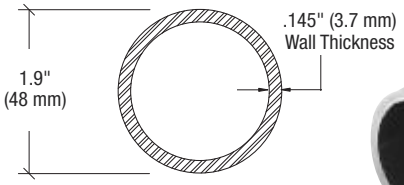
CRS Component Railing System at Stair Location



CRS Component Railing System at Ramp Location

CRL 1-1/2" Schedule 40 CRS Post Rail Tubing

- **Designed for Post Sections at Guard Rails, Stairways, and Handicap Ramp Areas**
- **1.9" (48 mm) Outside Diameter**
- **Available in Brushed or Polished Stainless Steel, and Mill Aluminum**
- **Available in Stock Lengths or Custom Fabricated to Your Specifications**



MORE CHOICES
crlaurence.com



For Stock 36" and 42" (914 and 1067 mm) Posts see page HR129.

CAT. NO.	GRADE	FINISH	WALL THICKNESS	LENGTH
PR15BS10	304	Brushed Stainless	.145" (3.7 mm)	120" (3.05 m)
PR15BS20	304	Brushed Stainless	.145" (3.7 mm)	240" (6.10 m)
PR15PS10	304	Polished Stainless	.145" (3.7 mm)	120" (3.05 m)
PR15PS20	304	Polished Stainless	.145" (3.7 mm)	240" (6.10 m)
HR19M	6063-T6	Mill Finish Aluminum	.145" (3.7 mm)	240" (6.10 m)

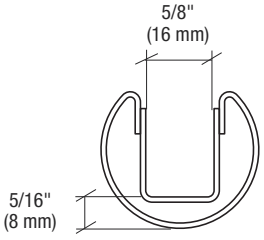
Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing. Must ship via common carrier.
See page HR122 for Base Flanges.

CRL's 1-1/2" Schedule 40 CRS Post Rail Tubing is designed for post sections at guard rail, hand rail, stairway, and handicap ramp areas. Formed using precision tooling to maintain uniform diameters and smooth hairline transitions at splice and Top Rail Adapter locations. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond at all connections.

CRL 1-1/2" CRS Bottom Rail

- **Provides Bottom Support for 3/8" or 1/2" (10 or 12 mm) Tempered Glass in CRS Post Railing System**
- **1.5" (38 mm) Outside Diameter**
- **Works With CR3PVB or CR5PVB Rail Vinyls**
- **Brushed or Polished Stainless Steel Finishes**
- **Available in Stock Lengths or Custom Fabricated to Your Specifications**

MORE INFORMATION
crlaurence.com





For Rail Adapters see pages HR135 to HR138.

CAT. NO.	GRADE	FINISH	WALL THICKNESS	LENGTH
GR15BS	304	Brushed Stainless	.050" (1.3 mm)	120" (3.05 m)
GR15PS	304	Polished Stainless	.050" (1.3 mm)	120" (3.05 m)
GR15BS14	304	Brushed Stainless	.050" (1.3 mm)	168" (4.27 m)
GR15PS14	304	Polished Stainless	.050" (1.3 mm)	168" (4.27 m)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship via common carrier.

CRL's 1-1/2" CRS Bottom Rail is manufactured using a unique process known as Bump-Forming that ensures accuracy, consistency, and high quality. Welds on both sides of the channel add strength and stability to the rail. For connection to posts use Rail Adapters (see pages HR135 to HR138). Secure to the glass by using CRL Cat. No. 95CBL Silicone Sealant, Setting Blocks, and Shims only.

The CRL Component Railing System is Patent Pending.

CRL CRS Cap Rail Return

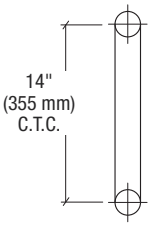
- A.D.A. Compliant and Ready to Install
- Alloy 316 Stainless Steel in Brushed Finish
- Custom Returns Available on Request

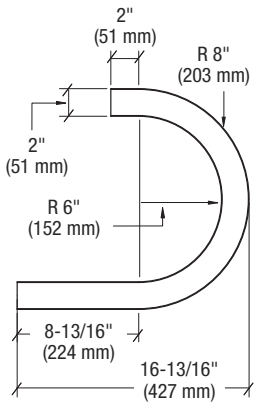
No commercial railing is complete without an A.D.A. Compliant Return on the hand rail. A Post Adapter is supplied with the Return for easy attachment to the CRS Post. Use our Cat. No. GR20CSS Connector Sleeve and a GR20L Lower Incline Corner to attach the top of the Return to the GR20 Series 2" (51 mm) diameter Cap Rail. Our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) should be used to securely bond the Connector Sleeve and Post Adapter.

MORE INFORMATION
crlaurence.com

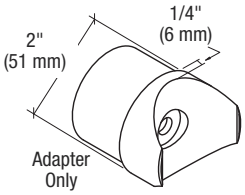












RETURN WITH POST ADAPTER CAT. NO.	POST ADAPTER ONLY CAT. NO.	FINISH
CR1ADABS	CR2ADABS	Brushed Stainless

Minimum order: 1 each. All Cap Rail Returns can be combined for quantity pricing.

CRL CRS Top Rail End Caps

- Five Diameters to Fit Our Premium Cap Rails
- Ready to Install
- Available in Brushed or Polished Alloy 304 Stainless Steel

MORE CHOICES
crlaurence.com







CRS Top Rail End Caps are manufactured with a flat bottom to closely match the diameters of our 1.66" to 4" (42 to 102 mm) Premium Cap Rails. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond.

CAT. NO.	CAP RAIL DIAMETER	FINISH	FITS CAP RAIL NO.
CR16ECBS	1.66" (42 mm)	Brushed Stainless	GR16BS/GR16BS14
CR16ECPS	1.66" (42 mm)	Polished Stainless	GR16PS/GR16PS14
CR20ECBS	2" (51 mm)	Brushed Stainless	GR20BS/GR20BS14
CR20ECPS	2" (51 mm)	Polished Stainless	GR20PS/GR20PS14
CR25ECBS	2-1/2" (64 mm)	Brushed Stainless	GR25BS/GR25BS14
CR25ECPS	2-1/2" (64 mm)	Polished Stainless	GR25PS/GR25PS14
CR30ECBS	3" (76 mm)	Brushed Stainless	GR30BS/GR30BS14
CR30ECPS	3" (76 mm)	Polished Stainless	GR30PS/GR30PS14
CR35ECBS	3-1/2" (89 mm)	Brushed Stainless	GR35BS/GR35BS14
CR35ECPS	3-1/2" (89 mm)	Polished Stainless	GR35PS/GR35PS14
CR40ECBS	4" (102 mm)	Brushed Stainless	GR40BS/GR40BS14
CR40ECPS	4" (102 mm)	Polished Stainless	GR40PS/GR40PS14

Minimum order: 1 each. All Post and Rail Caps can be combined for quantity pricing.

The CRL Component Railing System is Patent Pending

CRL CRS Cap Rail Vinyl

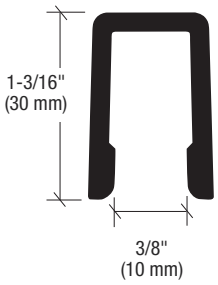
- **Rigid Black Vinyl Provides Protective Barrier Between Metal Cap Rail and Glass**
- **Sizes for 3/8" (10 mm) and 1/2" (12 mm) Tempered Glass**
- **Intended Only for Use in CRS Systems**



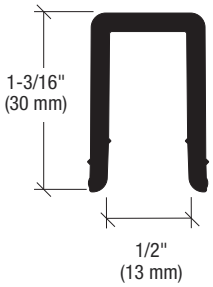
MORE CHOICES crlaurence.com

USE MONOLITHIC TEMPERED GLASS

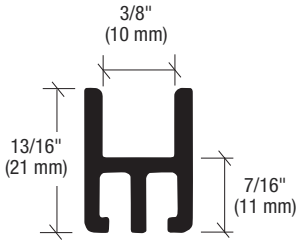
CRS Cap Rail Vinyl provides a protective barrier between the metal Cap Rail and the glass. When used in the Bottom Rail, it also acts as the bottom setting block to ensure proper glass engagement into the Top and Bottom Cap Rails. Use Cat. No. 95CBL Silicone (see page HR048) to secure the Vinyl inside the pocket of the Cap Rail and also to the glass.



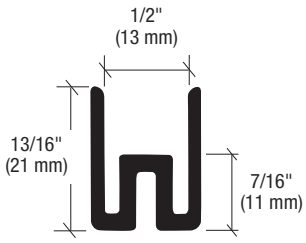
CAT. NO. CR3PVT
Top Cap Rail Vinyl



CAT. NO. GR5PV
Top Cap Rail Vinyl



CAT. NO. CR3PVB
Bottom Cap Rail Vinyl



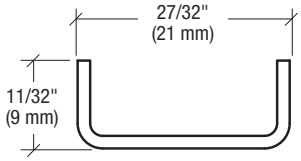
CAT. NO. CR5PVB
Bottom Cap Rail Vinyl

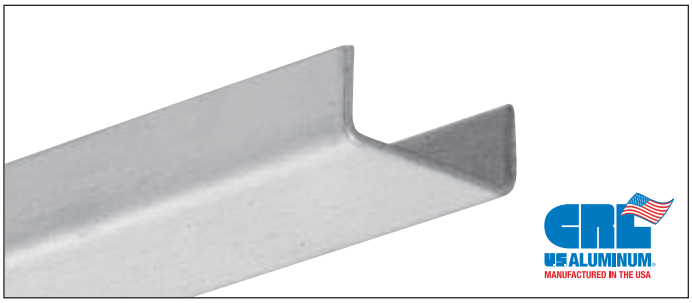
CAT. NO.	DESCRIPTION	FITS	FOR USE WITH	LENGTH
CR3PVT*	Cap Rail Vinyl Used in CRS Top Rail Only	GR16, GR20, GR25, GR30, GR35, and GR40 Cap Rail	3/8" (10 mm) Glass	120" (3.05 m)
GR5PV*	Cap Rail Vinyl Used in CRS Top Rail Only	GR16, GR20, GR25, GR30, GR35, and GR40 Cap Rail	1/2" (12 mm) Glass	120" (3.05 m)
CR3PVB*	Cap Rail Vinyl Used in CRS Bottom Rail Only	GR15 Series Bottom Rail	3/8" (10 mm) Glass	120" (3.05 m)
CR5PVB*	Cap Rail Vinyl Used in CRS Bottom Rail Only	GR15 Series Bottom Rail	1/2" (12 mm) Glass	120" (3.05 m)

Minimum order: 1 stock length. All Cap Rail Vinyl can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than five combined lengths. * Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

CRL CRS Pocket Filler Channel

- **Adds Finished Look to Cap Rails**
- **Available in Brushed or Polished Stainless Finish**





CRS Pocket Filler Channel adds an attractive, finished look to the CRS System. Each CRS Top Adapter comes with the required channel for standard 2" (51 mm) gaps between the glass and the post. We stock 2" (51 mm) replacement Filler Channels and 60" (1524 mm) stock lengths that you can cut for custom glass spacing. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond.



CAT. NO.	GRADE	FINISH	LENGTH
CRFBS2	304	Brushed Stainless	2" (51 mm)
CRFPS2	304	Polished Stainless	2" (51 mm)
CRFBS60	304	Brushed Stainless	60" (1524 mm)
CRFPS60	304	Polished Stainless	60" (1524 mm)

Minimum order 2" length: 2 each. Minimum order 60" length: 1 each.
All Pocket Filler Channels can be combined for quantity pricing.

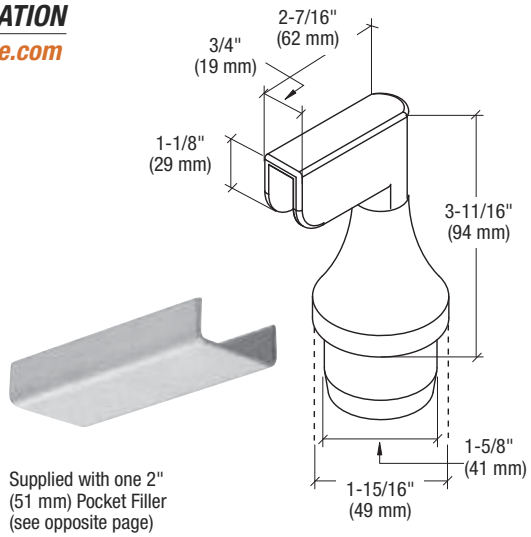
The CRL Component Railing System is Patent Pending

CRL CRS Top Rail Adapter for End Posts

MORE INFORMATION
crlaurence.com

- Provides Easy Attachment of Cap Rails to Vertical Posts
- Ready to Install
- Can Be Customized to Meet Specific Needs
- Made From Alloy 316 Stainless Steel in Brushed or Polished Finish



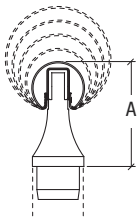


Supplied with one 2" (51 mm) Pocket Filler (see opposite page)

CRL Top Rail Adapters easily slip into 1-1/2" Schedule 40 Stainless Steel Posts to provide for attachment of 1.66" to 4" (42 to 102 mm) diameter Cap Railing. They can be modified to meet specific needs. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond.

CAT. NO.	GRADE	FINISH
CR15TAEBS	316	Brushed Stainless
CR15TAEPS	316	Polished Stainless

Minimum order: 1 each. All Top Rail Adapters can be combined for quantity pricing.



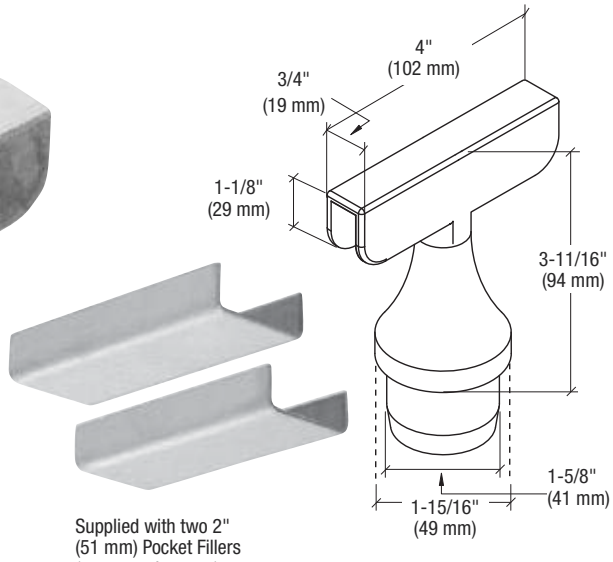
POST HEIGHT DEDUCTION

Cap Rail Diameter	Height from Top of Cap Rail to Top of Post (A)
1.66" (42 mm)	3-7/8" (98 mm)
2" (51 mm)	4" (102 mm)
2-1/2" (64 mm)	4-1/2" (114 mm)
3" (76 mm)	5" (127 mm)
3-1/2" (89 mm)	5-9/16" (141 mm)
4" (102 mm)	6-1/16" (154 mm)

CRL CRS Top Rail Adapter for 180 Degree Center Posts

- Provides Easy Attachment of Cap Rails to Vertical Posts
- Ready to Install
- Can Be Customized to Meet Specific Needs
- Made From Alloy 316 Stainless Steel in Brushed or Polished Finish



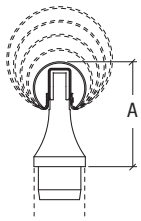


Supplied with two 2" (51 mm) Pocket Fillers (see opposite page)

CRL Top Rail Adapters easily slip into 1-1/2" Schedule 40 Stainless Steel Posts to provide for attachment of 1.66" to 4" (42 to 102 mm) diameter Cap Railing. They can be modified to meet specific needs. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond.

CAT. NO.	GRADE	FINISH
CR15TA180BS	316	Brushed Stainless
CR15TA180PS	316	Polished Stainless

Minimum order: 1 each. All Top Rail Adapters can be combined for quantity pricing.



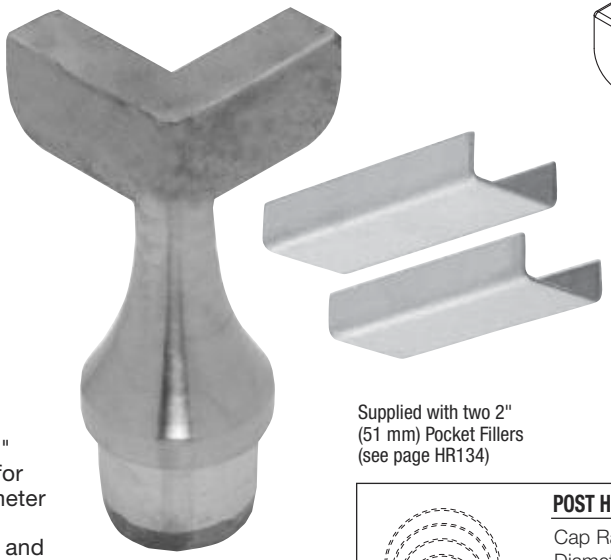
POST HEIGHT DEDUCTION

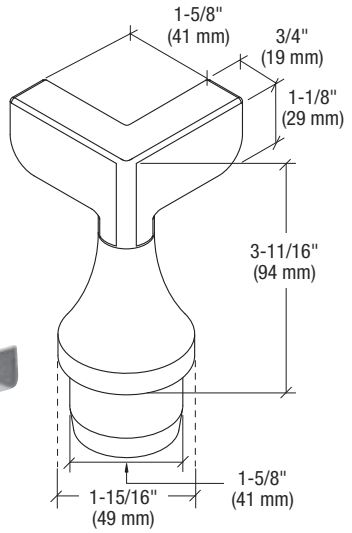
Cap Rail Diameter	Height from Top of Cap Rail to Top of Post (A)
1.66" (42 mm)	3-7/8" (98 mm)
2" (51 mm)	4" (102 mm)
2-1/2" (64 mm)	4-1/2" (114 mm)
3" (76 mm)	5" (127 mm)
3-1/2" (89 mm)	5-9/16" (141 mm)
4" (102 mm)	6-1/16" (154 mm)

The CRL Component Railing System is Patent Pending

CRL CRS Top Rail Adapter for 90 Degree Corner Posts

- Provides Easy Attachment of Cap Rails to Vertical Posts
- Ready to Install
- Can Be Customized to Meet Specific Needs
- Made From Alloy 316 Stainless Steel in Brushed or Polished Finish



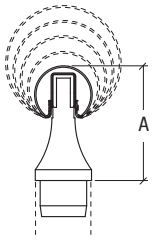


Supplied with two 2" (51 mm) Pocket Fillers (see page HR134)

CRS Top Rail Adapters easily slip into 1-1/2" Schedule 40 Stainless Steel Posts to provide for attachment of 1.66" to 4" (42 to 102 mm) diameter Cap Railing. They can be modified to meet specific needs. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond.

CAT. NO.	GRADE	FINISH
CR15TA90BS	316	Brushed Stainless
CR15TA90PS	316	Polished Stainless

Minimum order: 1 each. All Top Rail Adapters can be combined for quantity pricing.



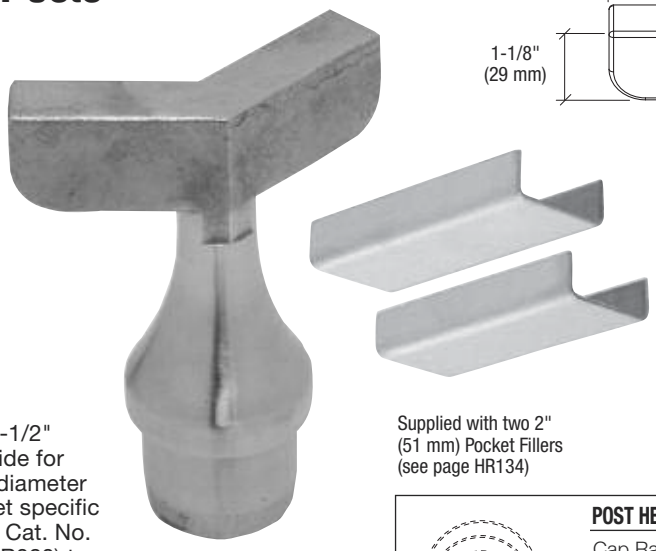
POST HEIGHT DEDUCTION

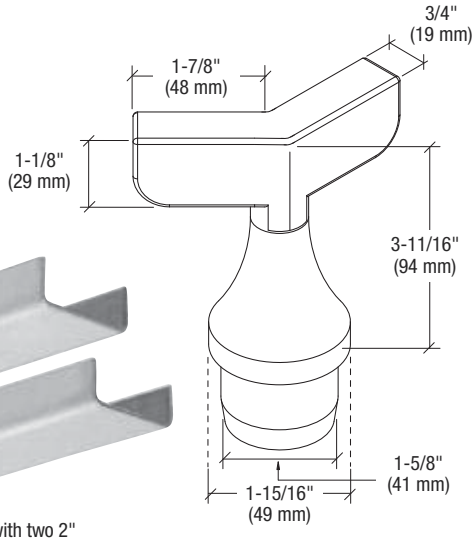
Cap Rail Diameter	Height from Top of Cap Rail to Top of Post (A)
1.66" (42 mm)	3-7/8" (98 mm)
2" (51 mm)	4" (102 mm)
2-1/2" (64 mm)	4-1/2" (114 mm)
3" (76 mm)	5" (127 mm)
3-1/2" (89 mm)	5-9/16" (141 mm)
4" (102 mm)	6-1/16" (154 mm)

CRL CRS Top Rail Adapter for 135 Degree Corner Posts

MORE INFORMATION crlaurence.com

- Provides Easy Attachment of Cap Rails to Vertical Posts
- Ready to Install
- Can Be Customized to Meet Specific Needs
- Made From Alloy 316 Stainless Steel in Brushed or Polished Finish



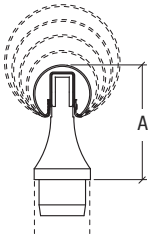


Supplied with two 2" (51 mm) Pocket Fillers (see page HR134)

CRS Top Rail Adapters easily slip into 1-1/2" Schedule 40 Stainless Steel Posts to provide for attachment of 1.66" to 4" (42 to 102 mm) diameter Cap Railing. They can be modified to meet specific needs. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond.

CAT. NO.	GRADE	FINISH
CR15TA135BS	316	Brushed Stainless
CR15TA135PS	316	Polished Stainless

Minimum order: 1 each. All Top Rail Adapters can be combined for quantity pricing.



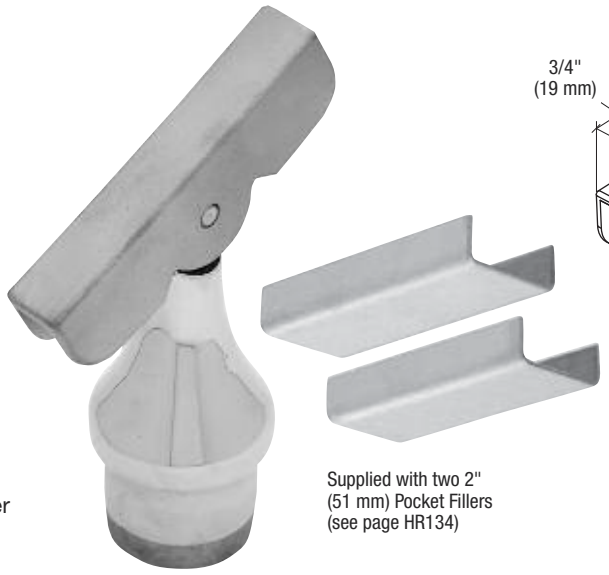
POST HEIGHT DEDUCTION

Cap Rail Diameter	Height from Top of Cap Rail to Top of Post (A)
1.66" (42 mm)	3-7/8" (98 mm)
2" (51 mm)	4" (102 mm)
2-1/2" (64 mm)	4-1/2" (114 mm)
3" (76 mm)	5" (127 mm)
3-1/2" (89 mm)	5-9/16" (141 mm)
4" (102 mm)	6-1/16" (154 mm)

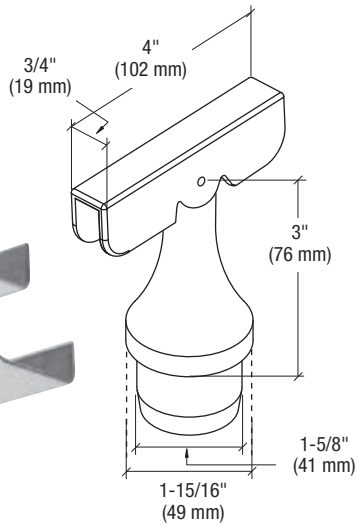
The CRL Component Railing System is Patent Pending

CRL CRS Top Rail Adapter With Adjustable Top

- Adjustable Angle for Use on Any Stair or Ramp
- Provides Easy Attachment of Cap Rails to Vertical Posts
- Available in Brushed or Polished Alloy 316 Stainless Steel
- Ready to Install



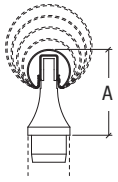
Supplied with two 2" (51 mm) Pocket Fillers (see page HR134)



CRS Top Rail Adapters easily slip into 1-1/2" Schedule 40 Stainless Steel Posts to provide for attachment of 1.66" to 4" (42 to 102 mm) diameter Cap Railing. This Adapter can be adjusted to match the slope of your stairs or ramp. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond.

CAT. NO.	GRADE	FINISH
CR15TAABS	316	Brushed Stainless
CR15TAAPS	316	Polished Stainless

Minimum order: 1 each. All Top Rail Adapters can be combined for quantity pricing.



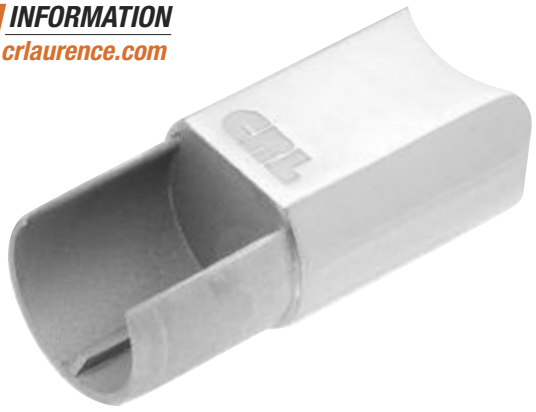
POST HEIGHT DEDUCTION

NOTE: For assistance in calculating post heights when using Adjustable Top Rail Adapters, please contact our Railing Specialists in the CRL Technical Sales Department.

CRL CRS Rail Adapter for Level Bottom Rails

MORE INFORMATION crlaurence.com

- Provides Easy Attachment of Level Bottom Rail to Vertical Posts
- Made From Alloy 316 Stainless Steel in Brushed or Polished Finish
- Ready to Install





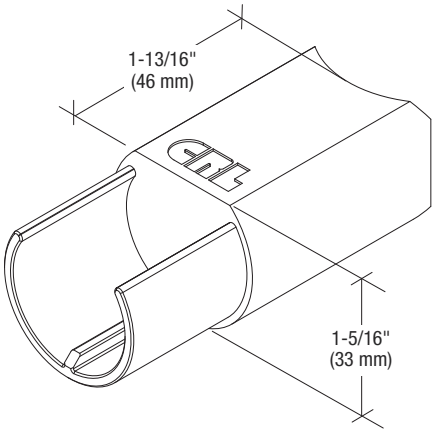
CRS Rail Adapters for Bottom Rails easily attach to 1-1/2" Schedule 40 Stainless Steel Posts to provide for attachment of 1-1/2" Diameter Cap Railing when used as the Bottom Rail of the CRS System. Unlike the Top Rail, only the 1-1/2" size can be used as the Bottom Rail. Comes with Rail Connecting Block and 5/16-18 Socket Head Cap Screw. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond.

CAT. NO.	GRADE	FINISH
CR15BABS	316	Brushed Stainless
CR15BAPS	316	Polished Stainless

Minimum order: 1 each. All Bottom Rail Adapters can be combined for quantity pricing.



Field measure to next Rail Adapter for accurate cut length on Bottom Rail



The CRL Component Railing System is Patent Pending

CRL CRS Adjustable Upper Adapter for Sloped Bottom Rails

MORE INFORMATION crlaurence.com

- Provides Easy Attachment of Sloped Bottom Rails to Vertical Posts
- 6 Degree Adjustable Angle for Use on Any Stair or Ramp
- Made From Alloy 316 Stainless Steel in Brushed or Polished Finish
- Ready to Install



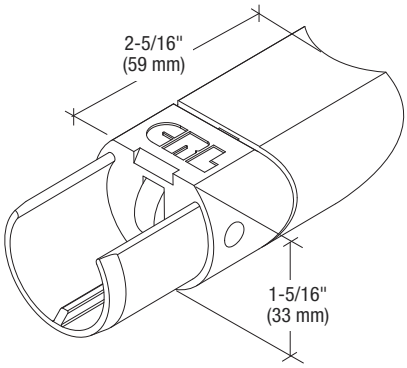
CRS Adjustable Upper Adapters for Sloped Bottom Rails easily attach to 1-1/2" Schedule 40 Stainless Steel Posts to provide for attachment of 1-1/2" Diameter Cap Railing when used as the Bottom Rail of the CRS System. Unlike the Top Rail, only the 1-1/2" size can be used as the Bottom Rail. Comes with Rail Connecting Block and 5/16-18 Socket Head Cap Screw. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond.

CAT. NO.	USE ON	GRADE	FINISH
CR15BAURBS	Ramps	316	Brushed Stainless
CR15BAURPS	Ramps	316	Polished Stainless
CR15BAUSBS	Stairs	316	Brushed Stainless
CR15BAUSPS	Stairs	316	Polished Stainless

Minimum order: 1 each. All Bottom Rail Adapters can be combined for quantity pricing.

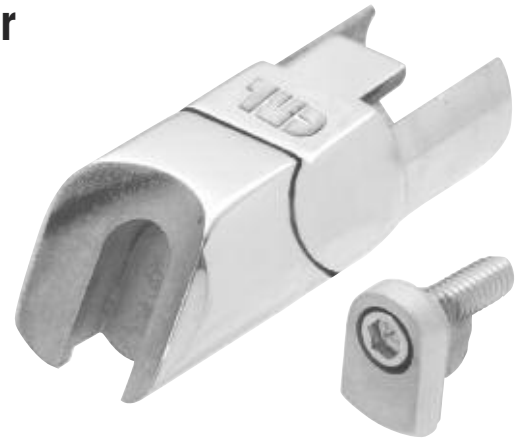


Field measure to next Rail Adapter for accurate cut length on Bottom Rail



CRL CRS Adjustable Lower Adapter for Sloped Bottom Rails

- Provides Easy Attachment of Sloped Bottom Rails to Vertical Posts
- 6 Degree Adjustable Angle for Use on Any Stair or Ramp
- Made From Alloy 316 Stainless Steel in Brushed or Polished Finish
- Ready to Install



CRS Adjustable Lower Adapters for Sloped Bottom Rails easily attach to 1-1/2" Schedule 40 Stainless Steel Posts to provide for attachment of 1-1/2" Diameter Cap Railing when used as the Bottom Rail of the CRS System. Unlike the Top Rail, only the 1-1/2" size can be used as the Bottom Rail. Comes with Rail Connecting Block and 5/16-18 Socket Head Cap Screw. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) to achieve a secure and permanent bond.

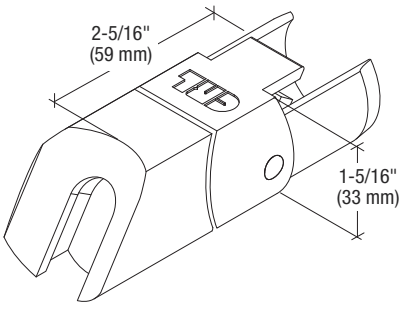
CAT. NO.	USE ON	GRADE	FINISH
CR15BALRBS	Ramps	316	Brushed Stainless
CR15BALRPS	Ramps	316	Polished Stainless
CR15BALSBS	Stairs	316	Brushed Stainless
CR15BALSPS	Stairs	316	Polished Stainless

Minimum order: 1 each. All Bottom Rail Adapters can be combined for quantity pricing.

The CRL Component Railing System is Patent Pending



Field measure to next Rail Adapter for accurate cut length on Bottom Rail

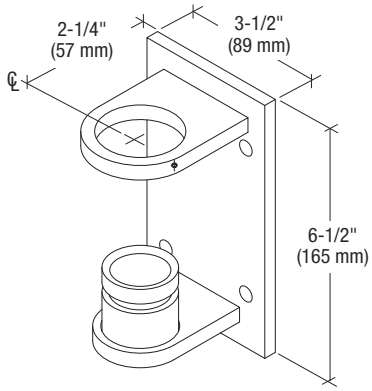


CRL CRS Standard Fascia Mount Bracket

MORE INFORMATION crlaurence.com

- For Use With 1-1/2" Schedule 40, 1.9" (48 mm) O.D. Stainless Steel Pipe
- Made From Alloy 316 Stainless Steel

CRL CRS Standard Fascia Mount Brackets are designed for use with center or end posts. Four fasteners, not included, are required for mounting. A structural engineer should be consulted for proper fastener selection.
NOTE: Not for use with thin wall tubing.





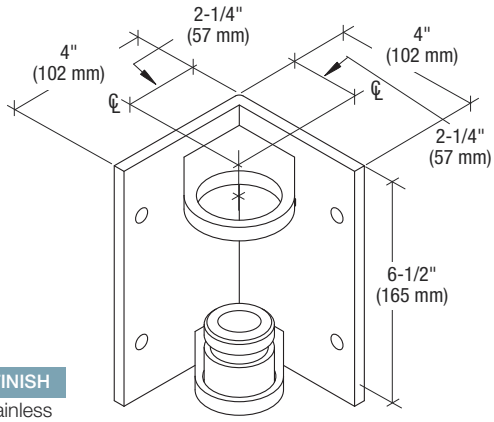
CAT. NO.	GRADE	FINISH
CR15FBBS	316	Brushed Stainless
CR15FBPS	316	Polished Stainless

Minimum order: 1 each. All Fascia Mount Brackets can be combined for quantity pricing.

CRL CRS Inside Corner Fascia Mount Bracket

- For Use With 1-1/2" Schedule 40, 1.9" (48 mm) O.D. Stainless Steel Pipe
- Made From Alloy 316 Stainless Steel in Brushed or Polished Finish

CRL CRS Inside Corner Fascia Mount Brackets are designed for use at inside corners of your railing, eliminating the need to double-up on the posts at the corner. Four fasteners, not included, are required for mounting. A structural engineer should be consulted for proper fastener selection.
NOTE: Not for use with thin wall tubing.





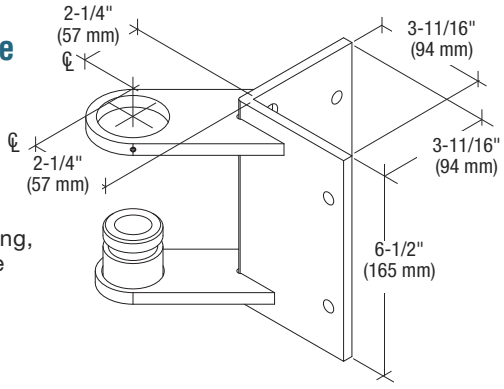
CAT. NO.	GRADE	FINISH
CR151FBBS	316	Brushed Stainless
CR151FBPS	316	Polished Stainless

Minimum order: 1 each. All Fascia Mount Brackets can be combined for quantity pricing.

CRL CRS Outside Corner Fascia Mount Bracket

- For Use With 1-1/2" Schedule 40, 1.9" (48 mm) O.D. Stainless Steel Pipe
- Made From Alloy 316 Stainless Steel in Brushed or Polished Finish

CRL CRS Outside Corner Fascia Mount Brackets are designed for use at outside corners of your railing, eliminating the need to double-up on the posts at the corner. Four fasteners, not included, are required for mounting. A structural engineer should be consulted for proper fastener selection.
NOTE: Not for use with thin wall tubing.





CAT. NO.	GRADE	FINISH
CR150FBBS	316	Brushed Stainless
CR150FBPS	316	Polished Stainless

Minimum order: 1 each. All Fascia Mount Brackets can be combined for quantity pricing.

The CRL Component Railing System is Patent Pending

CRL ARS Aluminum Railing System

- **Available Systems Use 2-3/8" and 4" (60 and 102 mm) Square Posts**
- **Seven Standard Powder Paint Colors Available, Plus Mill Aluminum**
- **Custom Colors Also Available**

MORE CHOICES crlaurence.com

C.R. Laurence Company is the manufacturer of a premium Aluminum Railing System. By specializing in the design and manufacturing of this innovative system, we are uniquely suited to solve difficult installation issues and maintain high quality production. By controlling each step from original design to final shipping, we can provide the highest level of quality control and lead time reliability for projects anywhere in the world.

Product development is an ongoing process at CRL. Rest assured that the products we offer represent the current evolution of railing technology. In addition to our standard designs, we offer the ability to create custom railings that address project-specific criteria.



Glass Railing System

Use CRL's Glass Railing System for projects that are view-oriented. Glass Railings give buildings a sophisticated appeal. Our various systems will accept any 1/4" to 1/2" (6 to 12 mm) clear or tinted tempered glass infill options. Glass Railings also serve as effective wind barriers, further enhancing the outdoor balcony environment.

Picket Railing System

CRL's Picket Railing System is simple, attractive, and strong. Widely specified for commercial and residential applications, the Picket Railing System utilizes 3/4" (19 mm) square or round vertical pickets. Choose any one of our standard top rail options. Add our decorative cast or water jet/laser cut infill panels to create a unique architectural accent. For custom applications, consult CRL Technical Sales.

Cable Railing System

CRL's Cable Railing System is perfect for projects that desire a more commercial or nautical feel. Using quality alloy 316 cable and stainless steel hardware, our Cable Railing System performs in the harshest of conditions. Typical applications utilize horizontal cables spaced 3-1/2" (89 mm) on center.

FWS and AWS Windscreen Systems

CRL's FWS and AWS Windscreen Systems are very popular in hotel and condo applications. Our Windscreen Systems create an effective barrier while limiting the confining effect of a typical fence. Used in conjunction with a concrete slab or masonry wall, these innovative systems are highly adaptable, structurally sound, and attractive.

Color Selection

- **Tough, Powder-Coated or Optional KYNAR® Paint Colors for Superior Color Retention and Weather Resistance**

Our specially formulated coatings are designed to resist the corrosive effects of salt water, providing a permanent, worry-free addition to your building. You can choose from one of the seven standard colors plus mill aluminum, or one of our 250 additional "Quick Turn" colors. If you still can't find just the right color, you can send us the desired color and we can match it for you.

KYNAR is a registered trademark of Autofina Chemicals, Inc.



Standard Colors
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL ARS Aluminum Railing System Mounting Options

CRL's high quality commercial or residential Aluminum Railing Systems are manufactured from extruded aluminum framing members utilizing tempered glass, aluminum pickets, stainless steel cable, cast or water jet/laser cut infills, that are engineered to meet applicable building code specifications. Regardless of style or color, each one of our railing systems provides superior color retention, impact resistance, and weatherability in any environment.

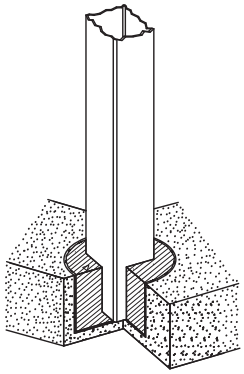
One benefit of the ARS System is that it attaches to just about any substrate with our standard Surface Mount Base Plates. However, you do have additional mounting options, as illustrated below.

Our specially formulated coatings are designed to resist the corrosive effects of salt water, providing a permanent, worry-free addition to your building. We manufacture a comprehensive selection of railing systems that combine the durability of extruded aluminum with innovative design details. This assures long-term structural integrity and enhances project aesthetics, while consistently reducing the annual maintenance expense.

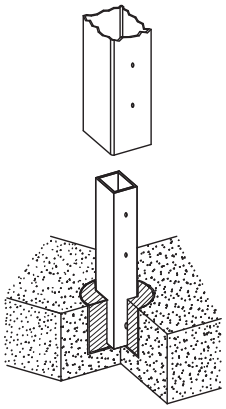
The CRL Aluminum Railing System is designed to meet all Guard Rail Safety Codes, and with so many options, there is a railing system for every application.

MORE INFORMATION crlaurence.com

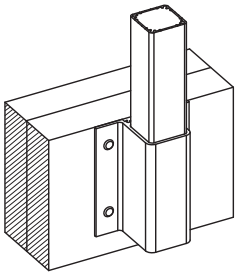
Typical Mounting Options



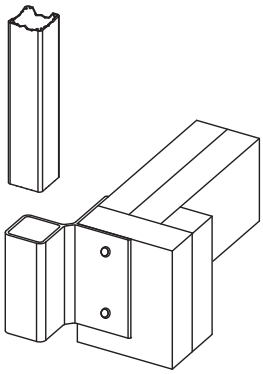
Core Mounted Installation



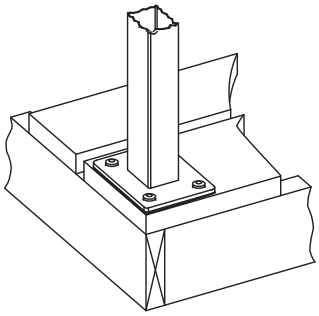
Core Mounted With Stanchion Installation



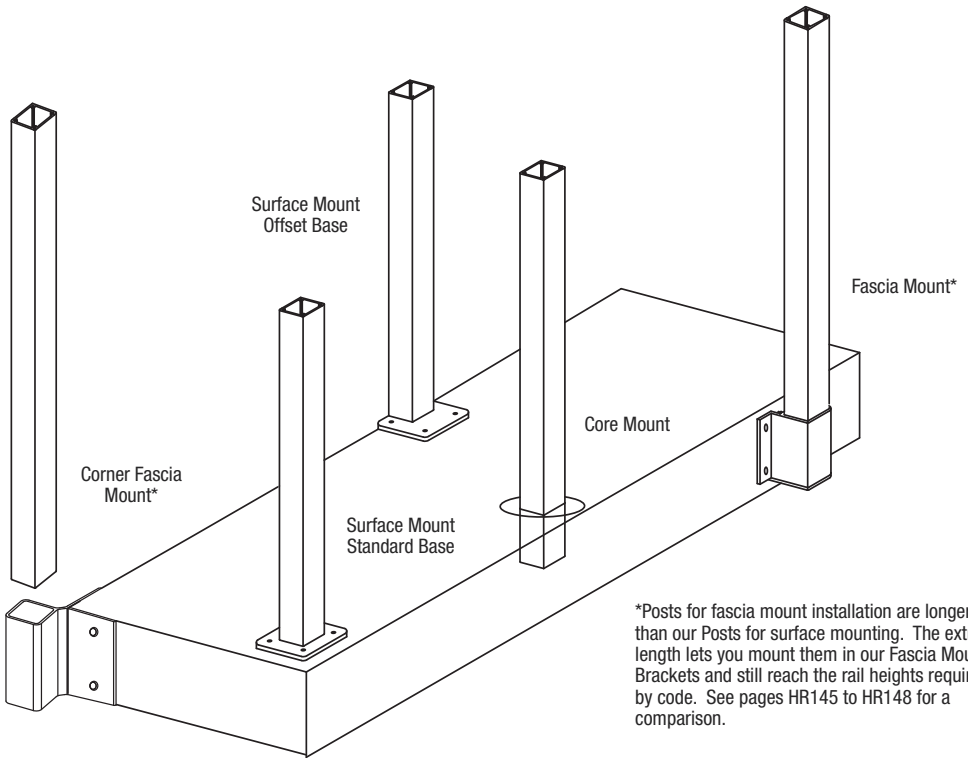
Fascia Mounted Installation



Corner Fascia Mount Installation



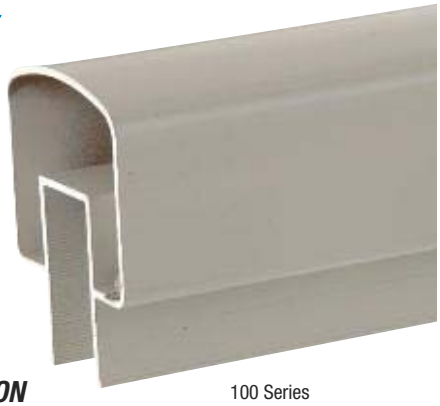
Surface Mounted Standard Base With Moisture Barrier Gasket Between Bracket and Substrate



*Posts for fascia mount installation are longer than our Posts for surface mounting. The extra length lets you mount them in our Fascia Mount Brackets and still reach the rail heights required by code. See pages HR145 to HR148 for a comparison.

CRL 100 Series Aluminum Railing System for Straight Runs and Stairways

- Standard Rail Heights are 36", 42", and 48" (914, 1066, and 1219 mm). Custom Rail Heights Also Available
- Glass Infill Panel Options: 1/4", 3/8" or 1/2" (6, 10 or 12 mm)
- Available With Decorative Cast Infill Panels, 5/8" (16 mm) Square Aluminum Pickets, or Stainless Steel Cable
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Available Upon Request



100 Series

MORE INFORMATION crlaurence.com

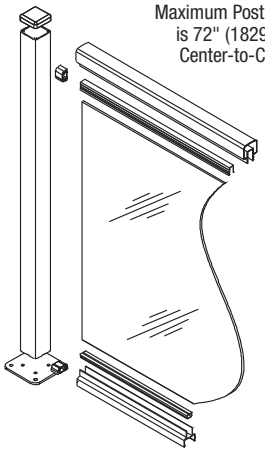
The 100 Series is definitely the most versatile of our Aluminum Railing Systems. The reason is simple-it is the only system that can meet the requirements of both a deck railing, commonly referred to as a guard rail, and also meet code requirements for stairways, sometimes called hand rails.

This system can be used with glass, cable, picket, cast, or custom designed water jet/laser cut infills. The pickets in this system come individually, unlike the Picket Panels used in the 200, 300, 350, and 400 Series (see page HR174). Because of this, it is necessary to install the pickets one by one. You will receive spacers to hold pickets in place in the top and bottom rails. These spacers are cut to 3-7/8" (98 mm); the maximum allowable distance pickets can be spaced and still meet current national code requirements.

Straight Runs

- Surface Mount, Core Mount or Fascia Mount Applications





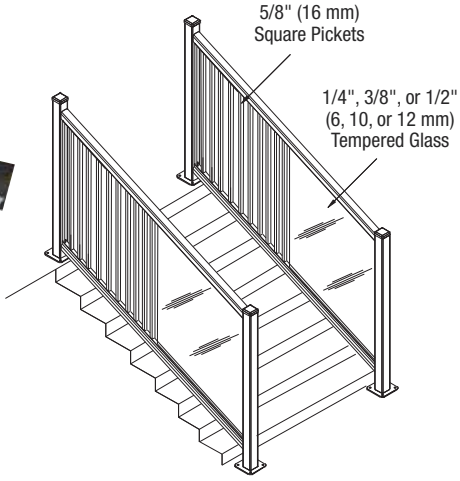


CRL ARS Standard Color Chip Chain
CAT. NO. SCCS8
Minimum order: 1 each

Stairways

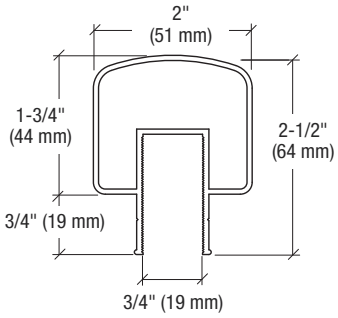
- A.D.A. Compliant and Meets Code Requirements for Hand Rails





CRL Top Rail for 100 Series Rails

- Designed to Accommodate 5/8" (16 mm) Pickets or 1/4" to 1/2"* (6 to 12 mm) Tempered Glass
- Rails Meet Stairway Code Requirements
- Custom Powder Coat Colors Available





* 1/2" (12 mm) Glass only if wet glazed.

Our 100 Series Aluminum Top Rails are sold in 20'-1" (6.12 m) stock lengths. Powder coated rails come in your choice of seven standard CRL colors, plus mill aluminum. Custom colors are also available. See page HR144 for Rail Connecting Blocks.

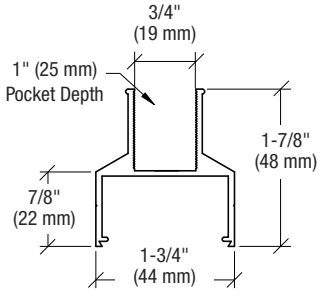
CAT. NO.	COLOR
1TR241W	Sky White
1TR2410W	Oyster White
1TR241AGY	Agate Gray
1TR241BGY	Beige Gray
1TR241BL	Matte Black
1TR241BRZ	Matte Bronze
1TR241S	Silver Metallic
1TR241CRM	Mill Aluminum

Minimum order: 1 each.
See page HR140 for color chart.
Must ship common carrier.

CRL Bottom Rail for 100 Series Rails

- Designed to Accommodate 1/4" to 1/2"* (6 to 12 mm) Glazing or 5/8" (16 mm) Square Pickets
- Sleek Tapered Design
- Custom Powder Coat Colors Available

MORE INFORMATION crlaurence.com





* 1/2" (12 mm) Glass only if wet glazed.

CRL 100 Series Aluminum Bottom Rail was designed to accommodate glass or pickets by simply changing the rigid vinyl. This Bottom Rail comes in 20'-1" (6.12 m) lengths made from powder coated extruded aluminum. See page HR144 for Rail Connecting Blocks.

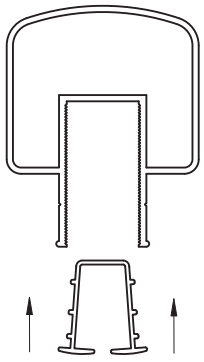
CAT. NO.	COLOR
1BR241W	Sky White
1BR2410W	Oyster White
1BR241AGY	Agate Gray
1BR241BGY	Beige Gray
1BR241BL	Matte Black
1BR241BRZ	Matte Bronze
1BR241S	Silver Metallic
1BR241CRM	Mill Aluminum

Minimum order: 1 each.
See page HR140 for color chart.
Must ship common carrier.

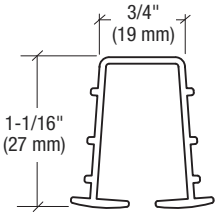
CRL Glazing Vinyl for 100 Series Rails

- Rigid Glazing Vinyl is Designed to Snap in Before the Glass is Installed
- Two Sizes for Use With 1/4" or 3/8" (6 or 10 mm) Thick Tempered Glass

100 Series Top Rigid Vinyl





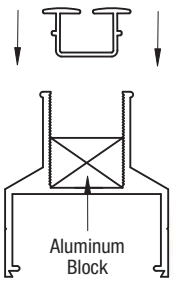


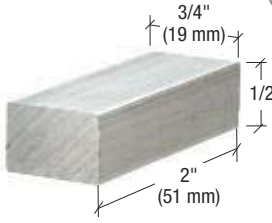
CRL 100 Series Top Rigid Vinyl is available in two sizes to hold 1/4" (6 mm) or 3/8" (10 mm) glass. When installing Rigid Vinyl, snap it into place before installing the glass. Stock lengths of vinyl are 12' (3.66 m).

CAT. NO.	DESCRIPTION
14TV#	Top Vinyl for 1/4" (6 mm) Thick Glass
38TV#	Top Vinyl for 3/8" (10 mm) Thick Glass

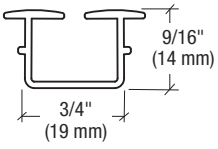
Minimum order: 1 each. A Packing Charge will be added to orders of fewer than five combined lengths.
Stock lengths longer than 108" (2.74 m) must ship common carrier unless you specify that we cut them for U.P.S. A Cutting Charge will apply.

100 Series Bottom Rigid Vinyl









CRL 100 Series Bottom Rigid Vinyl comes in two sizes to hold 1/4" (6 mm) or 3/8" (10 mm) glass. When installing Rigid Vinyl, insert Aluminum Blocks evenly spaced into channel, then snap vinyl into place before you install the glass. Stock lengths of vinyl are 12' (3.66 m).

CAT. NO.	DESCRIPTION
14BV#	Bottom Vinyl for 1/4" (6 mm) Thick Glass
38BV#	Bottom Vinyl for 3/8" (10 mm) Thick Glass
1ASB1▲	Pack of 10 Aluminum Blocks

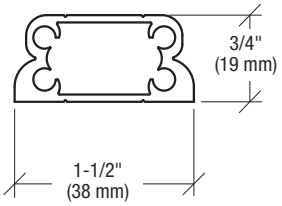
Minimum order: 1 each. A Packing Charge will be added to orders of fewer than five combined lengths.
Stock lengths longer than 108" (2.74 m) must ship common carrier unless you specify that we cut them for U.P.S. A Cutting Charge will apply. ▲ Minimum order is 10 each.

CRL Rail Connecting Blocks for 100 Series Rails



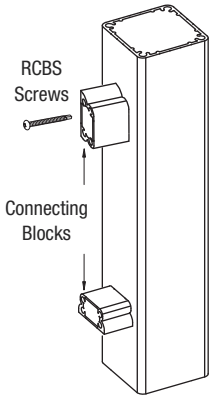
- Designed for Installing 100 Series Top and Bottom Rails to Post

MORE INFORMATION crlaurence.com





See below for screws.

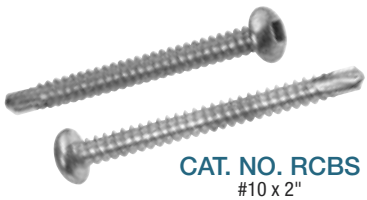


Use CRL Rail Connecting Blocks to connect Top and Bottom Rails to vertical posts. Screw Blocks into index grooves on post using Cat. No. RCBS Rail Connecting Block Screws. Miter cut 12" or 241" lengths when building angles for stairs and slopes. All Connecting Blocks are extruded aluminum with a weather resistant chromate finish.

CAT. NO.*	SIZE
RCB1	1" (25 mm)
RCB112	12" (305 mm)
RCB1241#	241" (6.12 m)

Minimum order: 1 each. * Specify powder coat color when ordering. # Must ship common carrier.

CRL Stainless Steel Self Drilling Railing Screws



CAT. NO. RCBS
#10 x 2"
Rail Connecting Block Screw



CAT. NO. TEK1
#8 x 3/4"
Rail Fastening Screw

Use CRL Self Drilling Screws when installing our 100, 200, 300, 350, and 400 Series Railings. Screws are stainless steel, and have special crosscuts which allow them to drill into aluminum. Screws require Cat. No. 9502 1/8" (3 mm) size Square Insert Bit to install.



CAT. NO. 9502
Square Insert Bit

CAT. NO.	DESCRIPTION	SIZE
RCBS▲	Rail Connecting Block Screw	#10 x 2" (51 mm)
TEK1▲	Rail Fastening Screw	#8 x 3/4" (19 mm)
9502#	Square Insert Bit for Screws	1/8" (3 mm)

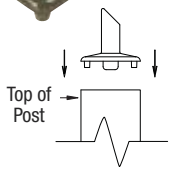
▲ Minimum order: 50 each. Must be ordered in increments of 50. # Minimum order for bit: 1 each.

CRL Intermediate Post Fitting



- For Use Only With Our 100 Series Railings
- Seven Attractive Colors Available From Stock, Plus Mill Aluminum
- Custom Powder Coat Colors Also Available





The CRL Aluminum Intermediate Post Fitting was designed to fit under the 100 Series Top Rail. This Post Fitting allows the 100 Series Top Rail to flow uninterrupted from top to bottom of stairs. It is pressure fitted into top of post and secured with our 95C Silicone (see page HR048). For attaching the Top Rail to the Intermediate Post Fitting use CRL Cat. No. TEK1 Screws.

CAT. NO.	COLOR
1PFW	Sky White
1PF0W	Oyster White
1PFAGY	Agate Gray
1PFBGY	Beige Gray
1PFBL	Matte Black
1PFBRZ	Matte Bronze
1PFS	Silver Metallic
1PFCRM	Mill Aluminum

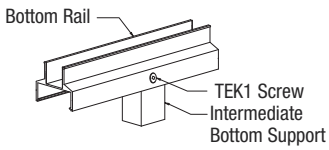
Minimum order: 1 each. See opposite page for color chart.

CRL Intermediate Bottom Support



- For Use With All Series of Our Aluminum Railings
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available





The CRL Aluminum Intermediate Bottom Support was designed to fit underneath the Bottom Rail for additional strength. Connects to Bottom Rail with two Cat. No. TEK1 Tek Screws. Support is 12" (305 mm) long, and is easy to cut to the exact required length.

CAT. NO.	COLOR
1BSW	Sky White
1BS0W	Oyster White
1BSAGY	Agate Gray
1BSBGY	Beige Gray
1BSBL	Matte Black
1BSBRZ	Matte Bronze
1BSS	Silver Metallic
1BSCRM	Mill Aluminum

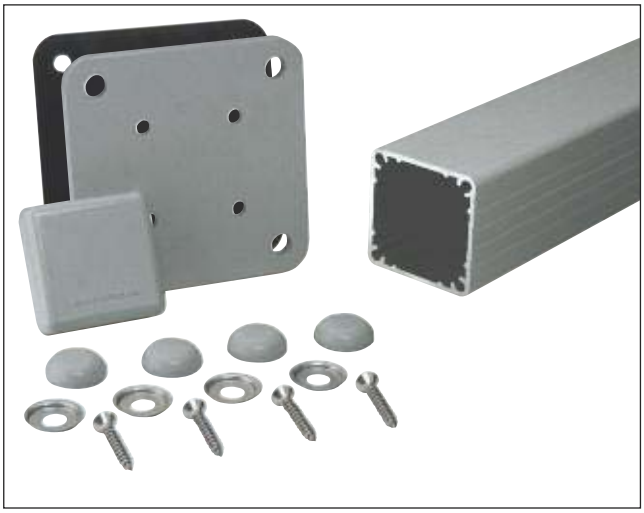
Minimum order: 1 each. See opposite page for color chart.

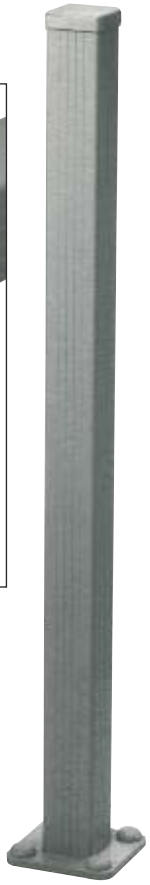
CRL Surface Mount Post Kits for 100 Series Rails

MORE INFORMATION crlaurence.com

- 6005 Alloy Aluminum/T5 Temper 2-3/8" (60 mm) Square Posts
- Use for 180 Degree, 90 Degree or End Posts
- Three Standard Post Heights
- Complete With Post Cap, Base Plate, Moisture Barrier Gasket, Stainless Washers, Screws, and Bolt Cover Buttons
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

Standard Kits Include:





CRL 100 Series Surface Mount Post Kits come complete with Base Plate (BP5), Moisture Barrier Gasket (BPG1BL), Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), Bolt Cover Buttons (BTN1), and Post Caps (PC1). See page HR170 for Lag Bolts or Anchors for mounting to the substrate. Standard Post Kits are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	POST HEIGHT
1P36K	36" Post Kit	37" (940 mm)
1P42K	42" Post Kit	43" (1092 mm)
1P48K	48" Post Kit	49" (1244 mm)

Minimum order: 1 each. * Specify powder coat color or mill aluminum when ordering.
Must ship common carrier.

STANDARD COLORS

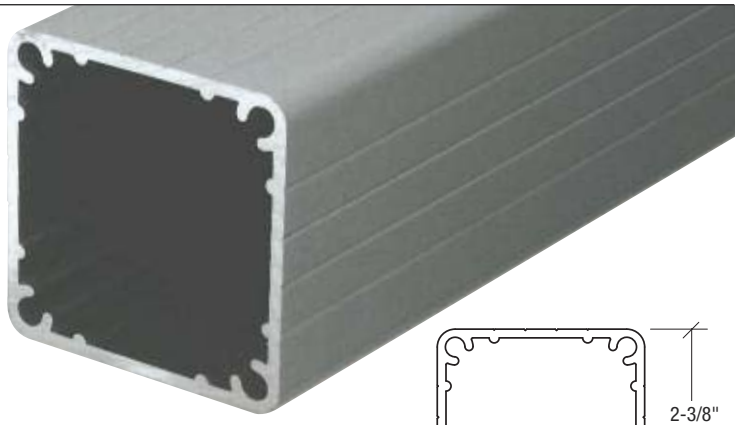


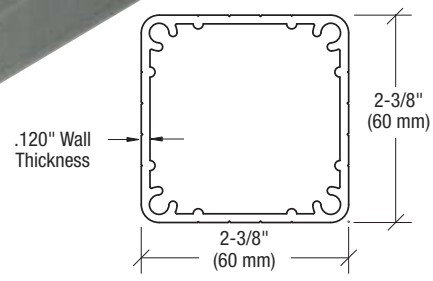
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture.
If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

CRL Posts Only for 100 Series Rails

- 6005 Alloy Aluminum/T5 Temper 2-3/8" (60 mm) Square Posts
- Use for 180 Degree, 90 Degree or End Posts
- Three Standard Post Heights
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available





CRL 100 Series Aluminum Posts are available in your choice of three heights and seven attractive colors, plus mill aluminum. You can also cut custom posts from our 20'-1" (6.12 m) stock lengths. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	HEIGHT/LENGTH
1P36	36" Post	37" (940 mm)
1P42	42" Post	43" (1092 mm)
1P48	48" Post	49" (1244 mm)
P241#	20'-1" Stock Length	241" (6.12 m)

Minimum order: 1 each. * Specify powder coat color or mill aluminum when ordering.
Must ship common carrier.

STANDARD COLORS



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If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

CRL 135 Degree Surface Mount Post Kits for 100 Series Rails

- 6005 Alloy Aluminum/T5 Temper 2-3/8" (60 mm) Square Posts
- Three Standard Post Heights
- Complete With Post Cap, Base Plate, Moisture Barrier Gasket, Screws, Stainless Washers, and Bolt Cover Buttons
- Designed to be Installed Onto Concrete, Wood, Steel, and Other Substrates
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

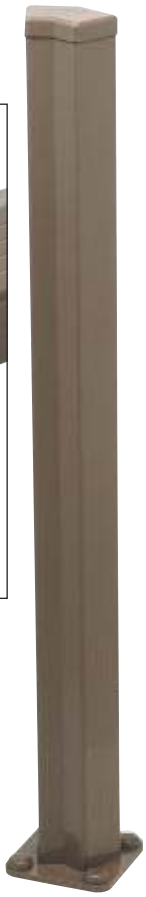
CRL 135 Degree Post Kits come complete with Base Plate (BP5), Moisture Barrier Gasket (BPG1BL), Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), Color Match Bolt Cover Buttons (BTN1), and Post Cap (PC45). See page HR170 for Lag Bolts or Anchors for mounting to the substrate. Standard Post Kits are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors also available.

CAT. NO.*	DESCRIPTION	POST HEIGHT
1P536K	36" Post Kit	37" (940 mm)
1P542K	42" Post Kit	43" (1092 mm)
1P548K	48" Post Kit	49" (1244 mm)

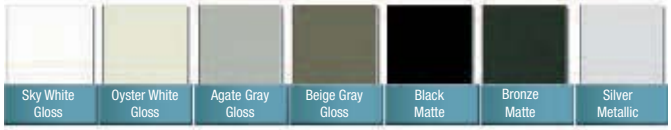
Minimum order: 1 each. *Specify powder coat color when ordering.

Standard Kits Include:





STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture.
If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

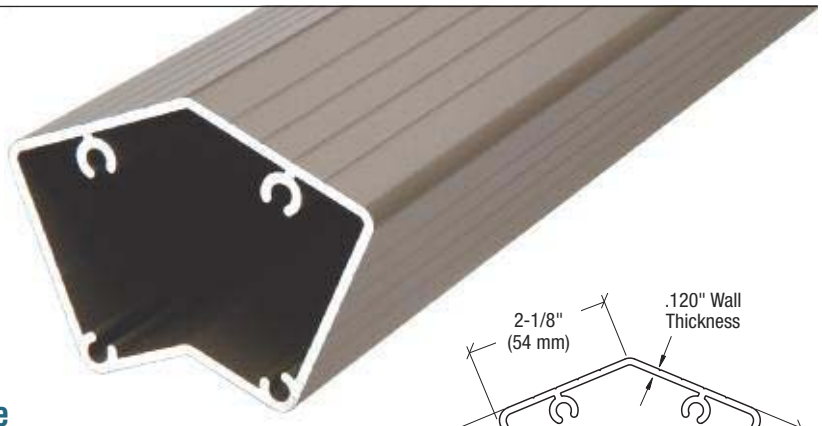
CRL 135 Degree Posts Only for 100 Series Rails

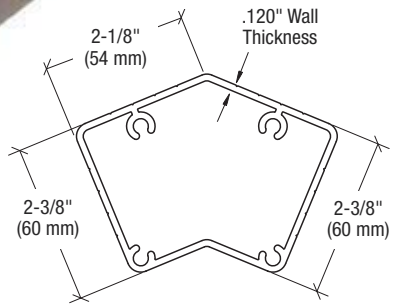
- 6005 Alloy Aluminum/T5 Temper 2-3/8" (60 mm) Square Posts
- Three Standard Post Heights Plus a Stock Length You Can Cut to the Needed Size
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

CRL 135 Degree Aluminum Posts are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors also available. You can also order our 20'-1" (6.12 m) stock length to cut posts of any height required. These Posts are designed to be installed onto concrete, wood, steel, and other substrates. Can be core mounted or surface mounted.

CAT. NO.*	DESCRIPTION	HEIGHT/LENGTH
1P536	36" Post	37" (940 mm)
1P542	42" Post	43" (1092 mm)
1P548	48" Post	49" (1244 mm)
P5241#	20'-1" Stock Length	241" (6.12 m)

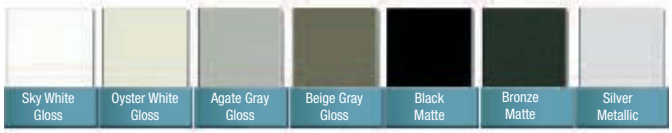
Minimum order: 1 each. * Specify powder coat color when ordering.
Must ship common carrier.





MORE INFORMATION
crlaurence.com

STANDARD COLORS



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If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Fascia Mount Post Kits for 100 Series Rails

- 6005 Alloy Aluminum/T5 Temper 2-3/8" (60 mm) Square Posts
- Use for Center and End Posts
- Designed to be Mounted to Almost Any Substrate
- Three Standard Post Heights
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

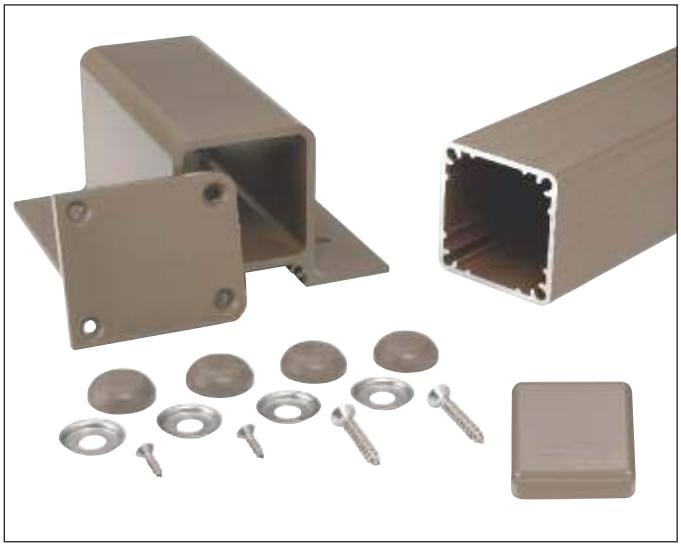
CRL 100 Series Fascia Post Kits come complete with a Post that has an additional 11" (279 mm) in length, Fascia Bracket (FB1), Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), Bolt Cover Buttons (BTN1), and Post Cap (PC1). See page HR170 for Lag Bolts or Anchors for mounting to the substrate. Fascia Post Kits are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	POST HEIGHT
1FP36K	36" Fascia Post Kit	47" (1194 mm)
1FP42K	42" Fascia Post Kit	53" (1346 mm)
1FP48K	48" Fascia Post Kit	59" (1498 mm)

Minimum order: 1 each. * Specify powder coat color when ordering.

MORE CHOICES crlaurence.com

Standard Kits Include:





STANDARD COLORS



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Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

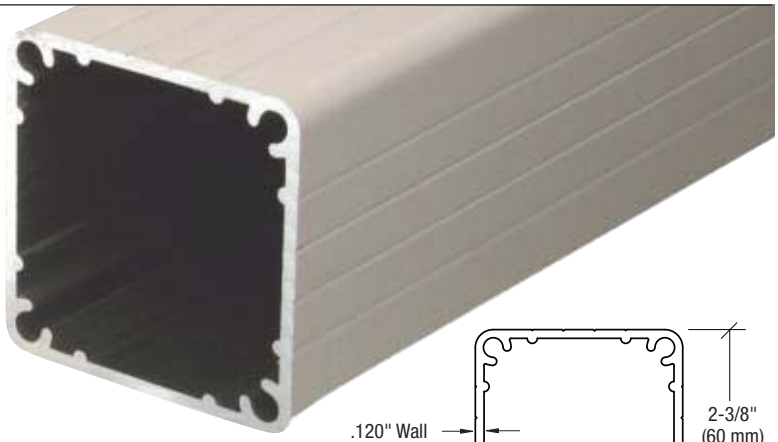
CRL Fascia Mount Posts Only for 100 Series Rails

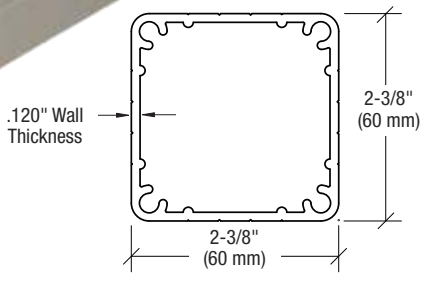
- 6005 Alloy Aluminum/T5 Temper 2-3/8" (60 mm) Square Posts
- Three Standard Post Heights
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

CRL 100 Series Aluminum Fascia Posts have an additional 11" (279 mm) in length to accommodate fascia mount installations. They are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	HEIGHT/LENGTH
1FP36	36" Fascia Post	47" (1194 mm)
1FP42	42" Fascia Post	53" (1346 mm)
1FP48	48" Fascia Post	59" (1498 mm)

Minimum order: 1 each. * Specify powder coat color when ordering.





MORE INFORMATION crlaurence.com

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

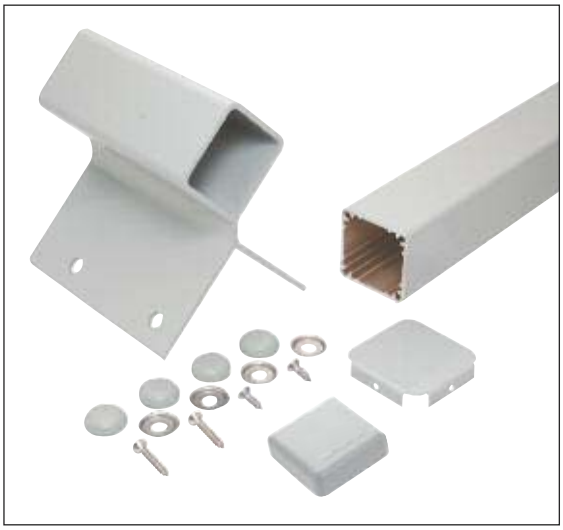
CRL 90 Degree Fascia Mount Post Kits for 100 Series Rails

MORE CHOICES crlaurence.com

- 6005 Alloy Aluminum/T5 Temper 2-3/8" (60 mm) Square Post Used for 90 Degree Outside Corner Conditions
- Designed to Be Mounted to Almost Any Substrate
- Three Standard Post Heights
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

CRL 100 Series 90 Degree Fascia Mount Post Kits come complete with a Post that has an additional 11" (279 mm) in length, Fascia Bracket (FB9), Bottom Fascia Plate Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), Bolt Cover Buttons (BTN1), and Post Cap (PC1). See page HR170 for Lag Bolts or Anchors for mounting to the substrate. Fascia Post Kits are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

Standard Kits Include:





CAT. NO.*	DESCRIPTION	POST HEIGHT
1FP936K	36" (914 mm) Fascia Post Kit	47" (1194 mm)
1FP942K	42" (1067 mm) Fascia Post Kit	53" (1346 mm)
1FP948K	48" (1219 mm) Fascia Post Kit	59" (1498 mm)

Minimum order: 1 each. * Specify powder coat color when ordering.

CRL Fascia Mount Brackets

- Seven Standard Colors, Plus Mill Aluminum Available to Match All CRL Aluminum Railings Using Our 2-3/8" (60 mm) Square Aluminum Posts

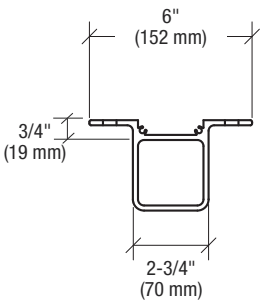
Use the CRL Fascia Mount Bracket to attach Vertical Posts to the face of any deck. Includes Fascia Bracket (FB9), Bottom Fascia Plate, Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), and Bolt Cover Buttons (BTN1). See page HR170 for Lag Bolts or Anchors for mounting to the substrate. Not for use with our 4" x 4" (102 x 102 mm) Vertical Posts.

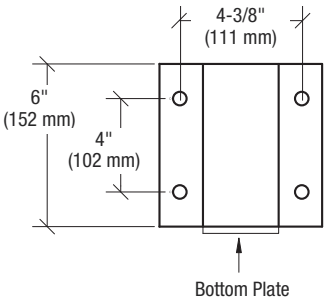


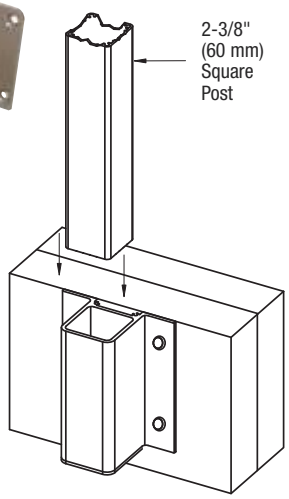
CAT. NO.	COLOR
FB1W	Sky White
FB10W	Oyster White
FB1AGY	Agate Gray
FB1BGY	Beige Gray
FB1BL	Matte Black
FB1BRZ	Matte Bronze
FB1S	Silver Metallic
FB1CRM	Mill Aluminum

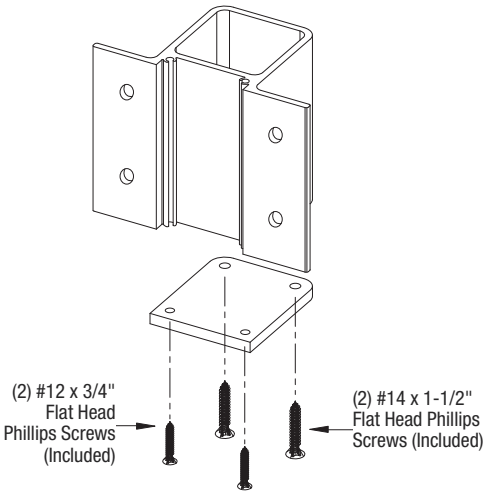
Minimum order: 1 each.











CRL Post Caps for 100 Series Rails

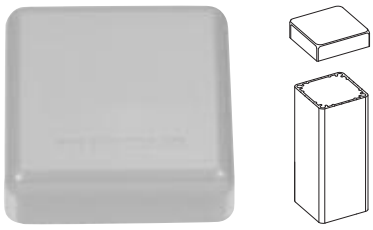
- Covers Exposed Edges of 100 Series Vertical Posts
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.



CRL 100 Series Aluminum Post Caps are designed to fit our 100 Series Vertical Posts. They protect the exposed top edge from weather and debris, and enhance the appearance of the Post. Easily installs with CRL 95C Silicone (see page HR048).

MORE INFORMATION crlaurence.com

CAT. NO.	COLOR
PC1W	Sky White
PC10W	Oyster White
PC1AGY	Agate Gray
PC1BGY	Beige Gray
PC1BL	Matte Black
PC1BRZ	Matte Bronze
PC1S	Silver Metallic
PC1CRM	Mill Aluminum

Minimum order: 1 each.

CRL Low Profile Post Caps for 100 Series Rails



- Low Profile Pyramid Design
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

CRL 100 Series Aluminum Low Profile Post Caps are designed to fit our standard 100 Series 2-3/8" (60 mm) square Posts. They protect the exposed top edge from weather and debris, and enhance the appearance of the Post. Easily installs with CRL 95C Silicone (see page HR048).

CAT. NO.	COLOR
PC2W	Sky White
PC20W	Oyster White
PC2AGY	Agate Gray
PC2BGY	Beige Gray
PC2BL	Matte Black
PC2BRZ	Matte Bronze
PC2S	Silver Metallic
PC2CRM	Mill Aluminum

Minimum order: 1 each.

CRL 135 Degree Post Caps for 100 Series Rails



- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

CRL 135 Degree Aluminum Post Caps are designed to fit our 100 Series 135 Degree Vertical Posts. They protect the exposed top edge from weather and debris, and enhance the appearance of the Post. Easily installs with CRL 95C Silicone (see page HR048).

CAT. NO.	COLOR
PC45W	Sky White
PC450W	Oyster White
PC45AGY	Agate Gray
PC45BGY	Beige Gray
PC45BL	Matte Black
PC45BRZ	Matte Bronze
PC45S	Silver Metallic
PC45CRM	Mill Aluminum

Minimum order: 1 each.

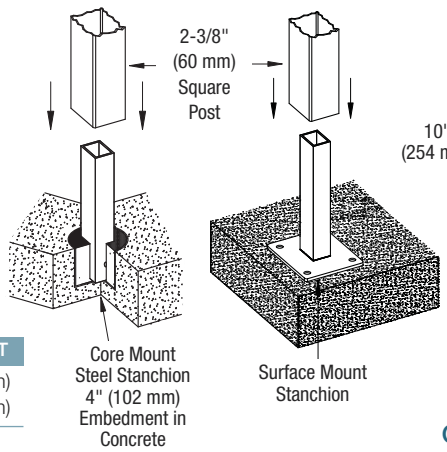
CRL Aluminum Railing Stanchions

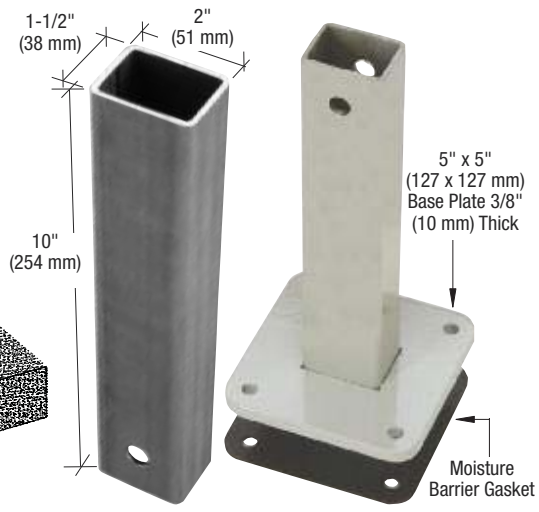
- Designed for All Series of CRL Aluminum Railings Using Our 2-3/8" (60 mm) Square Aluminum Posts
- Core or Surface Mount

Use these 1-1/2" x 2" (38 x 51 mm) Stainless Steel Stanchions to core or surface mount your Aluminum Railing System. Wet set Core Stanchions in 8000 psi or greater cement (see page HR016 for Expanding Cement). Surface Mount Stanchions are welded to a steel base plate, and then powder coated to match our ARS Posts and Bottom Rails. One each Moisture Barrier Gasket Cat. No. BPG1BL is included with each Surface Mount Stanchion.

CAT. NO.	DESCRIPTION	STANCHION HEIGHT
PST5	Core Mount	10" (254 mm)
PST5BP*	Surface Mount	10" (254 mm)

Minimum order: 1 each. *Specify powder coat color when ordering.





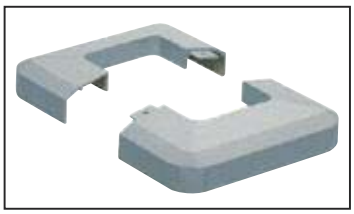
CAT. NO. PST5 CAT. NO. PST5BP

CRL Aluminum Railing Base Plate Cover

- **Designed for Use With Our Standard 2-3/8" (60 mm) Square Aluminum Posts and 5" (127 mm) Square Base Plates**
- **For Core or Surface Mount Installations**
- **Seven Attractive Colors, Plus Mill Aluminum Available From Stock**
- **Custom Powder Coat Colors Also Available**



CRL's Aluminum Base Plate Cover was designed for those applications that require the 5" (127 mm) Standard Square Base Plate to be concealed. Aluminum Base Plate Covers are installed with CRL 95C Silicone (see page HR048), and offered in seven standard colors, plus mill aluminum with the ability to custom powder coat.

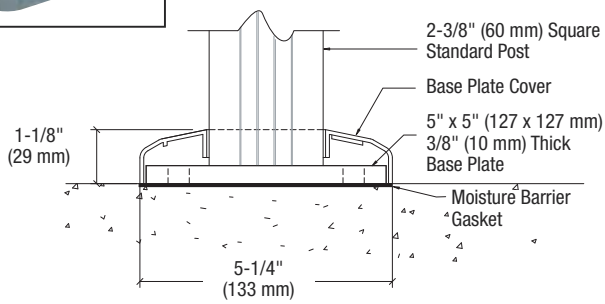


MORE INFORMATION
crlaurence.com

NOTE: Base Plate Covers are designed for use only with BP5 Standard 5" (127 mm) Square Base Plates, not BP05 Offset Base Plates.

CAT. NO.	COLOR
CVR5W	Sky White
CVR50W	Oyster White
CVR5AGY	Agate Gray
CVR5BGY	Beige Gray
CVR5BL	Matte Black
CVR5BRZ	Matte Bronze
CVR5S	Silver Metallic
CVR5CRM	Mill Aluminum

Minimum order: 1 each. See opposite page for color chart.

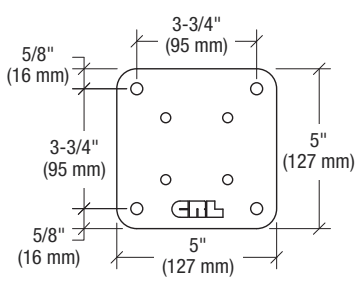


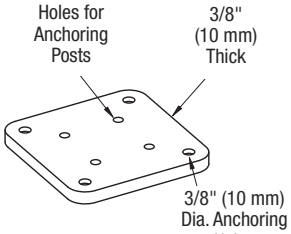
CRL Standard 5" Square Base Plates

- **Seven Standard Colors, Plus Mill Aluminum Available for 2-3/8" (60 mm) Square Aluminum Posts**
- **6005 Alloy Aluminum/T5 Temper**

CRL Standard 5" (127 mm) Square Aluminum Base Plates screw into Vertical Post raceways. They are countersunk to accept four Cat. No. BPS112 Base Plate Screws, then attached to the substrate with our Concrete Anchors or Lag Bolts (see page HR170). Use Stainless Steel Washers (WSHR1) and Color Match Bolt Cover Buttons (BTN1) to add a finished look. The BP05 Offset Mount Base Plate design allows Vertical Posts to attach to one side of the Base Plate. One each Cat. No. BPG1BL Moisture Barrier Gasket is included with each Base Plate.

BP5 Center Mount Square Base Plate



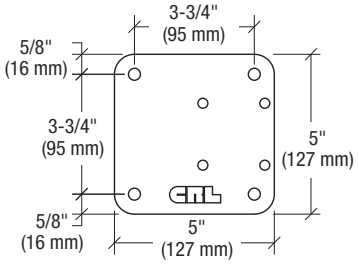


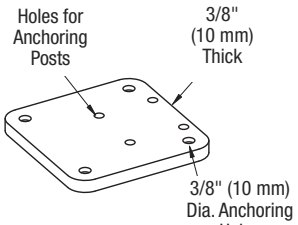


CAT. NO.	COLOR
BP5W	Sky White
BP50W	Oyster White
BP5AGY	Agate Gray
BP5BGY	Beige Gray
BP5BL	Matte Black
BP5BRZ	Matte Bronze
BP5S	Silver Metallic
BP5CRM	Mill Aluminum

Minimum order: 1 each. See opposite page for color chart.

BP05 Offset Mount Square Base Plate







CAT. NO.	COLOR
BP05W	Sky White
BP050W	Oyster White
BP05AGY	Agate Gray
BP05BGY	Beige Gray
BP05BL	Matte Black
BP05BRZ	Matte Bronze
BP05S	Silver Metallic
BP05CRM	Mill Aluminum

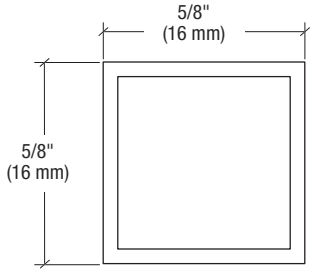
Minimum order: 1 each. See opposite page for color chart.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Pickets for 100 Series Rails

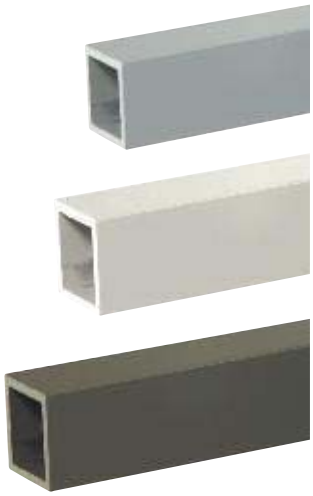
- Four Standard Picket Lengths
- 5/8" (16 mm) Square Profile
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

CRL 100 Series Pickets are available in four stock lengths, with custom lengths also available. The Pickets can easily be cut to their required length in the field.



MORE INFORMATION
crlaurence.com





CAT. NO.*	HEIGHT/LENGTH
1PKT36	36" (914 mm)
1PKT42	42" (1066 mm)
1PKT48	48" (1219 mm)
1PKT241#	241" (6.12 m)

Minimum order: 1 each. * Specify powder coat color or mill aluminum when ordering. # Must ship common carrier.

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

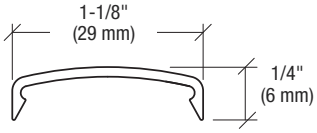
Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

CRL Picket Spacers for 100 Series Rails





- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available
- Snap On Installation
- 6005 Alloy Aluminum/T5 Temper



Use CRL 100 Series Aluminum Picket Spacers with our 100 Series Picket Railing. Designed to accommodate 5/8" (16 mm) Square Pickets. Easy to install, simply snap on the 3-7/8" (98 mm) long pre-cut spacer or cut to desired length, then push in for a snap tight fit.

CAT. NO.*	LENGTH
1PS	3-7/8" (98 mm)
1PS241#	241" (6.12 m)

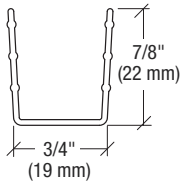
Minimum order: 1 each. * Specify powder coat color or mill aluminum when ordering. # Must ship common carrier.

CRL Picket Vinyl for 100 Series Rails





- Clear Vinyl That is Concealed in Top or Bottom Rails
- Separates Picket From Rails to Eliminate Noise



Use CRL 100 Series Clear Picket Vinyl when installing the 100 Series Picket Railing. Designed to accommodate 5/8" (15.9 mm) Pickets. Easy to install, simply cut to desired length, then push in for a snap tight fit.

CAT. NO.	COLOR	STOCK LENGTH
1PV120#	Clear	120" (3.05 m)

Minimum order: 1 each. # Stock lengths longer than 108" (2.74 m) must ship common carrier unless you specify that we cut them for U.P.S. A Cutting Charge will apply.

CRL 200, 300, 350, and 400 Series Railing Systems

USE MONOLITHIC TEMPERED GLASS

CRL US ALUMINUM MANUFACTURED IN THE USA

- **Four Different Top Rail Profiles Provide for the Most Application Possibilities**
- **Surface or Fascia Mount Post Systems**
- **Interchangeable Component Parts**
- **Seven Standard Colors Plus Mill Aluminum Available From Stock; Custom Colors Available On Request**
- **Available With Custom Gates**
- **A.D.A. Compliant Guard Rails**

MORE INFORMATION crlaurence.com

CRL's high quality, versatile commercial or residential 200, 300, 350, and 400 Series Aluminum Railing Systems are manufactured from extruded aluminum framing members, all of which utilize 1/4" to 1/2" (6 to 12 mm) tempered glass, 3/4" (19 mm) aluminum pickets, cast infills, and stainless steel cable that is engineered to meet applicable building code specifications. Regardless of style or color, every 200, 300, 350, and 400 Series Railing System provides the convenience of having all interchangeable component parts, superior color retention, impact resistance, and weatherability in any environment.



200 Series



300 Series



350 Series



400 Series



ARS 200 Series Aluminum Railing System With Monolithic Tempered Glass



ARS 300 Series Aluminum Railing System With Pickets



ARS 350 Series Aluminum Railing System With Monolithic Tempered Glass



ARS 400 Series Aluminum Railing System With Monolithic Tempered Glass

CRL Top Rails for 200, 300, 350, and 400 Series

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

• 20'-1" (6.12 m) Stock Lengths You Cut to Your Requirements

Top Rails for the 200, 300, 350, and 400 Series Railing Systems are sold in 20'-1" (6.12 m) stock lengths that you can cut to fit your exact needs. Powder coated rails come in your choice of seven standard colors, plus mill aluminum or you can select from over 250 Quick Turn colors. Rails require Connecting Blocks to fasten to posts (see page HR164).

NOTE: Series 200, 300, 350, and 400 Rails do not meet stairway code requirements. For stairways you must use our 100 Series Rails (see pages HR142 to HR151).

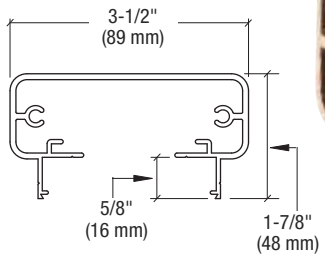
STANDARD COLORS

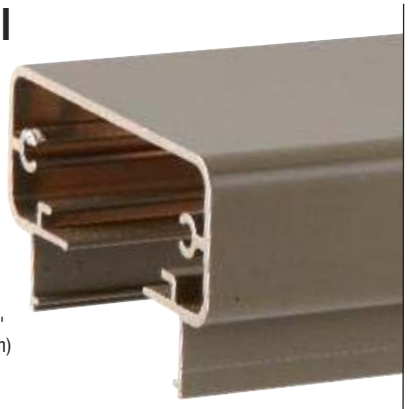


Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

200 Series Top Rail





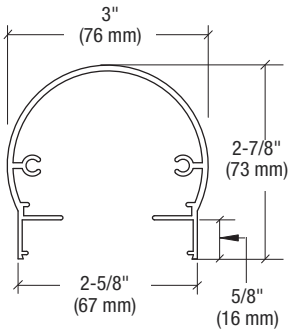
• Designed to Accommodate 3/4" (19 mm) Pickets or 1/4" to 1/2"* (6 to 12 mm) Tempered Glass

* 1/2" (12 mm) Glass only if wet glazed

CAT. NO.	COLOR
2TR241W	Sky White
2TR2410W	Oyster White
2TR241AGY	Agate Gray
2TR241BGY	Beige Gray
2TR241BRZ	Matte Bronze
2TR241BL	Matte Black
2TR241S	Silver Metallic
2TR241CRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

300 Series Top Rail





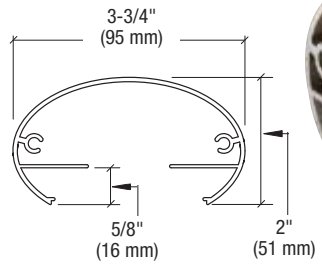
• For Use With 3/4" (19 mm) Pickets or 1/4" to 1/2"* (6 to 12 mm) Tempered Glass

* 1/2" (12 mm) Glass only if wet glazed

CAT. NO.	COLOR
3TR241W	Sky White
3TR2410W	Oyster White
3TR241AGY	Agate Gray
3TR241BGY	Beige Gray
3TR241BRZ	Matte Bronze
3TR241BL	Matte Black
3TR241S	Silver Metallic
3TR241CRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

350 Series Top Rail





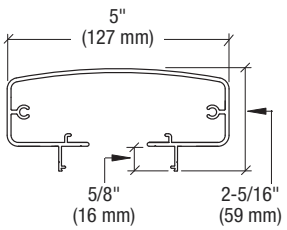
• Will Accept 3/4" (19 mm) Pickets or 1/4" to 1/2"* (6 to 12 mm) Tempered Glass

* 1/2" (12 mm) Glass only if wet glazed

CAT. NO.	COLOR
35TR241W	Sky White
35TR2410W	Oyster White
35TR241AGY	Agate Gray
35TR241BGY	Beige Gray
35TR241BRZ	Matte Bronze
35TR241BL	Matte Black
35TR241S	Silver Metallic
35TR241CRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

400 Series Top Rail





• Can Be Used With 3/4" (19 mm) Pickets or 1/4" to 1/2"* (6 to 12 mm) Tempered Glass

* 1/2" (12 mm) Glass only if wet glazed

CAT. NO.	COLOR
4TR241W	Sky White
4TR2410W	Oyster White
4TR241AGY	Agate Gray
4TR241BGY	Beige Gray
4TR241BRZ	Matte Bronze
4TR241BL	Matte Black
4TR241S	Silver Metallic
4TR241CRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

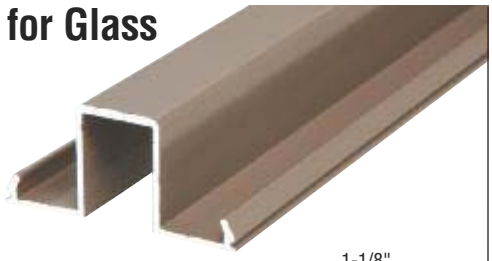
CRL Top Rail Infills for 200, 300, 350, and 400 Series Rails

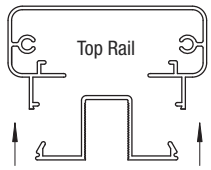
- Easily Snap Into the Underside of the Top Rail
- Seven Attractive Colors, Plus Mill Aluminum to Match Our Posts

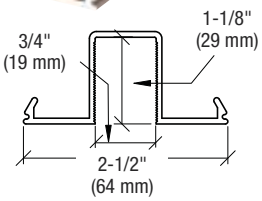
CRL Glass and Picket Top Rail Infills are sold in 20'-1" (6.12 m) stock lengths that can be field cut to the required size. The Infill snaps into the underside of the Top Rail.

Top Rail Infill for Glass









- Designed to Accommodate 1/4" to 1/2"* (6 to 12 mm) Tempered Glass

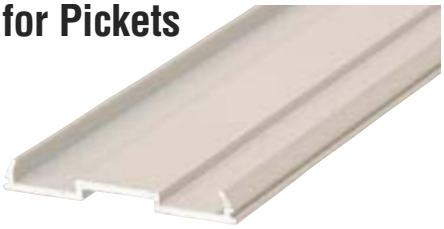
* 1/2" (12 mm) Glass only if wet glazed

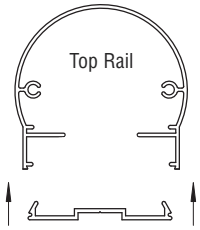
CAT. NO.	COLOR
1FGLSW	Sky White
1FGLS0W	Oyster White
1FGLSAGY	Agate Gray
1FGLSBGY	Beige Gray
1FGLSBRZ	Matte Bronze
1FGLSBL	Matte Black
1FGLSS	Silver Metallic
1FGLSCRM	Mill Aluminum

Minimum order: 1 each. See page HR153 for color chart.
Must ship common carrier.

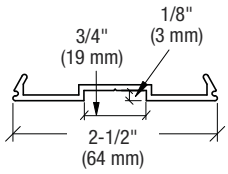
Top Rail Infill for Pickets

- For Use With 3/4" (19 mm) Square or Round Pickets





Also available pre-punched for pickets. Contact Railing Technical Sales for details. See page HR174 for pickets.



CAT. NO.	COLOR
1FPKTW	Sky White
1FPKT0W	Oyster White
1FPKTAGY	Agate Gray
1FPKTBGY	Beige Gray
1FPKTBRZ	Matte Bronze
1FPKTBL	Matte Black
1FPKTS	Silver Metallic
1FPKTCRM	Mill Aluminum

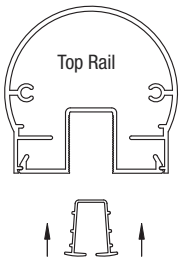
Minimum order: 1 each. See page HR153 for color chart.
Must ship common carrier.

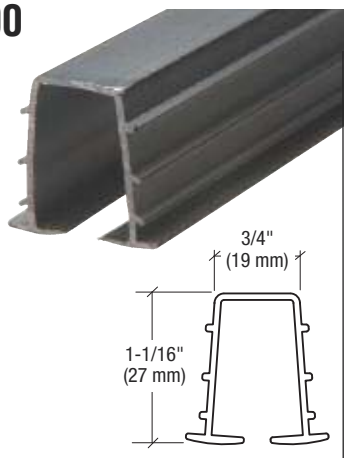
CRL Glazing Vinyl

- Rigid Glazing Vinyl is Designed to Snap in Before the Glass is Installed
- Two Sizes for Use With 1/4" or 3/8" (6 or 10 mm) Thick Tempered Glass

200, 300, 350, and 400 Series Top Rigid Vinyl

MORE INFORMATION crlaurence.com



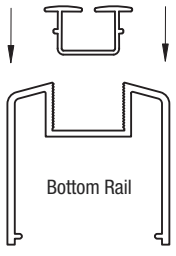


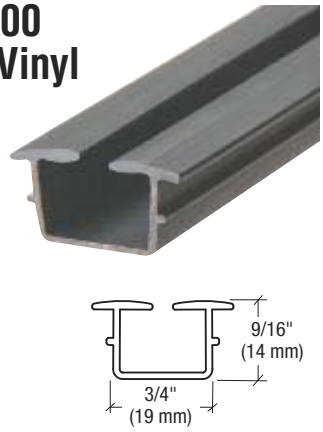
CRL 200, 300, 350, and 400 Series Top Rigid Vinyl is available in two sizes to hold 1/4" or 3/8" (6 or 10 mm) glass. When installing Rigid Vinyl, snap it into place before installing the glass. Stock lengths are 12' (3.66 m).

CAT. NO.	DESCRIPTION
14TV#	Top Vinyl for 1/4" (6 mm) Thick Glass
38TV#	Top Vinyl for 3/8" (10 mm) Thick Glass

Minimum order: 1 each. # Must ship common carrier.

200, 300, 350, and 400 Series Bottom Rigid Vinyl





CRL 200, 300, 350, and 400 Series Bottom Rigid Vinyl comes in two sizes to hold 1/4" or 3/8" (6 or 10 mm) glass. When installing Rigid Vinyl, snap it into place before you install the glass. Stock lengths are 12' (3.66 m).

CAT. NO.	DESCRIPTION
14BV#	Bottom Vinyl for 1/4" (6 mm) Thick Glass
38BV#	Bottom Vinyl for 3/8" (10 mm) Thick Glass

Minimum order: 1 each. # Must ship common carrier.

All shapes can be combined for quantity pricing. A Packing Charge will be added to orders of fewer than 5 combined lengths.
Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

CRL End Caps for 200 Series Rails

- Countersunk for End Cap Screws

These CRL 200 Series End Caps are designed to screw into the raceways of the Top Rail. End Caps are contoured to match the shape of the 200 Series Top Rail, and are countersunk to allow two Cat. No. ECS1 End Cap Screws to fit flush. End Cap Screws sold separately (see page HR156). Metal thickness is 1/8" (3 mm).

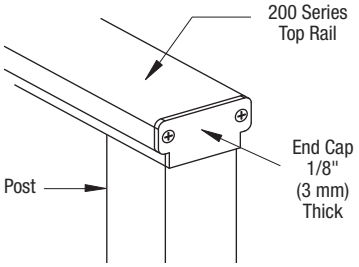
Decorative End Caps

- Matches Contours of Top Rail



CAT. NO.	COLOR
2DECW	Sky White
2DEC0W	Oyster White
2DECAGY	Agate Gray
2DECBGY	Beige Gray
2DECBL	Matte Black
2DECBRZ	Matte Bronze
2DECS	Silver Metallic
2DECCRM	Mill Aluminum

Minimum order: 1 each. See page HR153 for color chart.



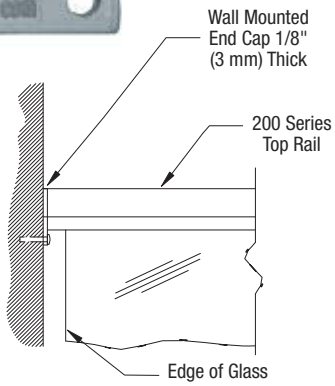
Wall Mount End Caps

- Designed for Wall Mounting the Top Rail



CAT. NO.	COLOR
2WECW	Sky White
2WEC0W	Oyster White
2WECAGY	Agate Gray
2WECBGY	Beige Gray
2WECBL	Matte Black
2WECBRZ	Matte Bronze
2WECS	Silver Metallic
2WECCRM	Mill Aluminum

Minimum order: 1 each. See page HR153 for color chart.



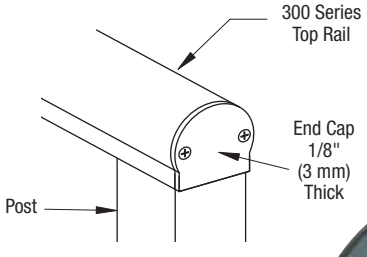
CRL End Caps for 300 Series Rails

- Countersunk for End Cap Screws

CRL 300 Series End Caps are designed to screw into the raceways of the Top Rail. End Caps are contoured to match the shape of the 300 Series Top Rail, and are countersunk to allow two Cat. No. ECS1 End Cap Screws to fit flush. End Cap Screws sold separately (see page HR156). Metal thickness is 1/8" (3 mm).

Decorative End Caps

- Matches Contours of Top Rail



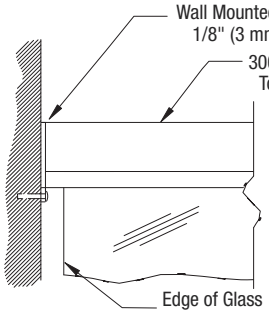
CAT. NO.	COLOR
3DECW	Sky White
3DEC0W	Oyster White
3DECAGY	Agate Gray
3DECBGY	Beige Gray
3DECBL	Matte Black
3DECBRZ	Matte Bronze
3DECS	Silver Metallic
3DECCRM	Mill Aluminum

Minimum order: 1 each. See page HR153 for color chart.



Wall Mount End Caps

- Designed for Wall Mounting the Top Rail



CAT. NO.	COLOR
3WECW	Sky White
3WEC0W	Oyster White
3WECAGY	Agate Gray
3WECBGY	Beige Gray
3WECBL	Matte Black
3WECBRZ	Matte Bronze
3WECS	Silver Metallic
3WECCRM	Mill Aluminum

Minimum order: 1 each. See page HR153 for color chart.

MORE INFORMATION crlaurence.com



CRL End Caps for 350 Series Rails

- Countersunk for End Cap Screws

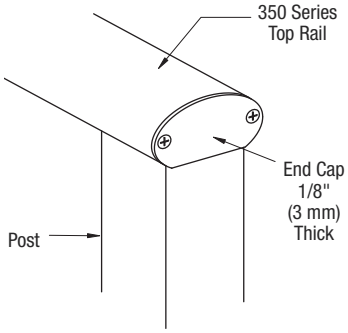
These CRL 350 Series End Caps are designed to screw into the raceways of the Top Rail. Shape of Cap matches contours of the 350 Series Top Rail. Countersunk to allow two Cat. No. ECS1 End Cap Screws to fit flush. End Cap Screws sold separately (see below). Metal thickness is 1/8" (3 mm).

Decorative End Caps

- Matches Shape of Top Rail

MORE INFORMATION crlaurence.com





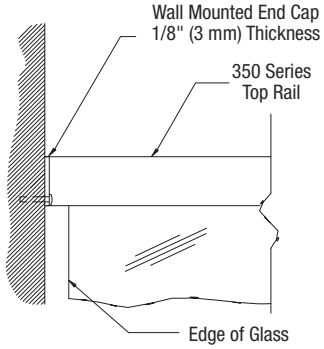
CAT. NO.	COLOR
35DECW	Sky White
35DEC0W	Oyster White
35DECAGY	Agate Gray
35DECBGY	Beige Gray
35DECBL	Matte Black
35DECBRZ	Matte Bronze
35DECS	Silver Metallic
35DECCRM	Mill Aluminum

Minimum order: 1 each. See opposite page for color chart.

Wall Mount End Caps

- Designed for Wall Mounting the Top Rail





CAT. NO.	COLOR
35WECW	Sky White
35WEC0W	Oyster White
35WECAGY	Agate Gray
35WECBGY	Beige Gray
35WECBL	Matte Black
35WECBRZ	Matte Bronze
35WECS	Silver Metallic
35WECCRM	Mill Aluminum

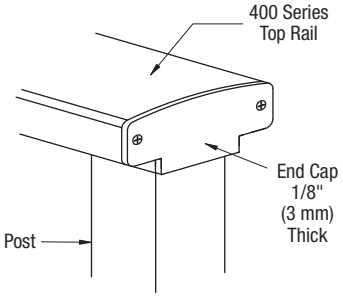
Minimum order: 1 each. See opposite page for color chart.

CRL Decorative End Caps for 400 Series Rails

- Matches Shape of Top Rail

These CRL 400 Series End Caps are designed to screw into the raceways of the Top Rail. Shape of Cap matches contours of the 400 Series Top Rail. Countersunk to allow two Cat. No. ECS1 End Cap Screws to fit flush. End Cap Screws sold separately. Metal thickness is 1/8" (3 mm).



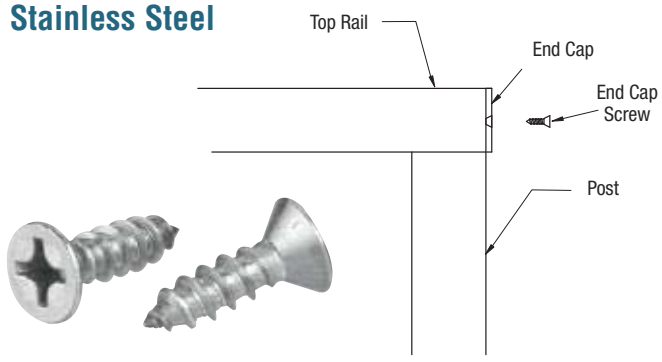


CAT. NO.*	COLOR
4DECW	Sky White
4DEC0W	Oyster White
4DECAGY	Agate Gray
4DECBGY	Beige Gray
4DECBL	Matte Black
4DECBRZ	Matte Bronze
4DECS	Silver Metallic
4DECCRM	Mill Aluminum

Minimum order: 1 each. *For wall mount applications use Cat. No. RCB4. See opposite page for color chart.

CRL End Cap Screws

- Specifically Designed to Screw Into the Raceways of Our Top Rails
- Stainless Steel



The CRL End Cap Screw is designed to screw into the interior raceways of our Top Rails. Flat Head #12 x 3/4" (19 mm) screw fits flush with CRL Decorative or Wall Mount End Caps. For use with all series of CRL Aluminum Railings.

CAT. NO.	DESCRIPTION	SIZE
ECS1	End Cap Screw	#12 x 3/4" (19 mm)

Minimum order: 50 each. Must be ordered in increments of 50.

CRL 200 Series 90 Degree Horizontal Corners

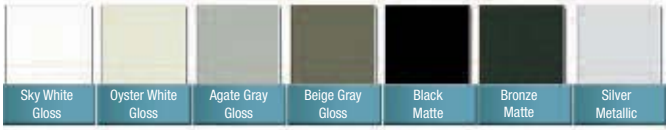
- Welded and Finished 6005 Alloy Aluminum/T5 Temper
- Matches Shape of Top Rail
- Seven Standard Colors, Plus Mill Aluminum
- Includes Aluminum Connector Splice Plates
- Custom Angle Corners Also Available

CRL 200 Series Horizontal Corners are fabricated, finished, powder coated and individually packaged. This interior slip-fit corner is designed for 90 degree corner conditions that allow for a hairline joint in the straight sections of the railing without having to miter cut angles in the field. Attach the Corners using CRL Cat. No. TEK1 Tek Screws (see page HR164).

CAT. NO.	COLOR
2TRHW	Sky White
2TRH0W	Oyster White
2TRHAGY	Agate Gray
2TRHBGY	Beige Gray
2TRHBL	Matte Black
2TRHBRZ	Matte Bronze
2TRHS	Silver Metallic
2TRHCRM	Mill Aluminum

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

STANDARD COLORS



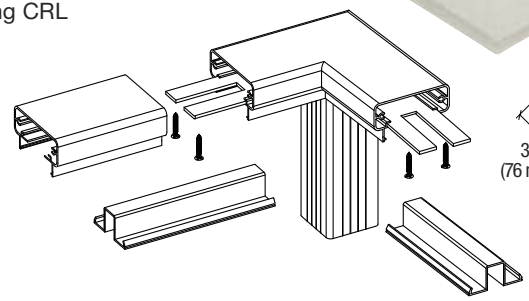
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

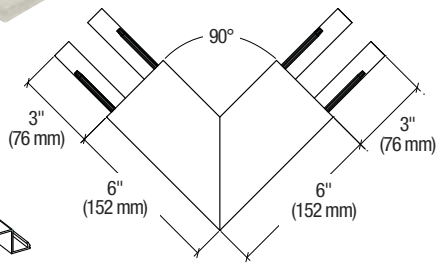
Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

- Ready to Install



U.S. Patent No. 8,167,274
Commonwealth of Australia
Patent No. 2009201412





CRL 200 Series 135 Degree Horizontal Corners

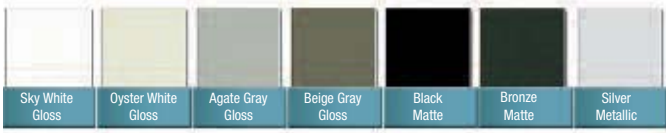
- Welded and Finished 6005 Alloy Aluminum/T5 Temper
- Matches Shape of Top Rail
- Seven Standard Colors, Plus Mill Aluminum
- Includes Aluminum Connector Splice Plates
- Custom Angle Corners Also Available

CRL 200 Series Horizontal Corners are fabricated, finished, powder coated and individually packaged. This interior slip-fit corner is designed for 135 degree corner conditions that allow for a hairline joint in the straight sections of the railing without having to miter cut angles in the field. Attach the Corners using CRL Cat. No. TEK1 Tek Screws (see page HR164).

CAT. NO.	COLOR
2TRH3W	Sky White
2TRH30W	Oyster White
2TRH3AGY	Agate Gray
2TRH3BGY	Beige Gray
2TRH3BL	Matte Black
2TRH3BRZ	Matte Bronze
2TRH3S	Silver Metallic
2TRH3CRM	Mill Aluminum

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

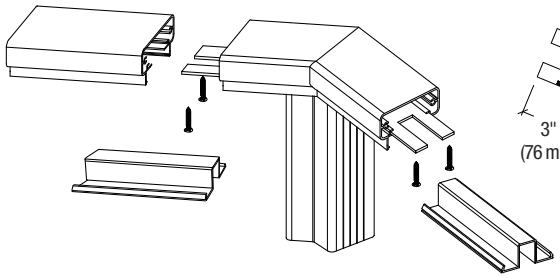
Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

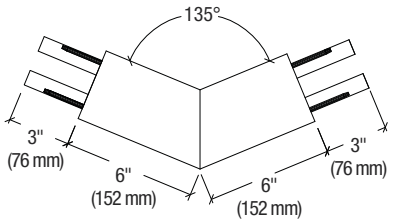
- Ready to Install

MORE INFORMATION crlaurence.com



U.S. Patent No. 8,167,274
Commonwealth of Australia
Patent No. 2009201412





CRL 300 Series 90 Degree Horizontal Corners

- Welded and Finished 6005 Alloy Aluminum/T5 Temper
- Matches Shape of Top Rail
- Seven Standard Colors, Plus Mill Aluminum
- Includes Aluminum Connector Splice Plates
- Custom Angle Corners Also Available

CRL 300 Series Horizontal Corners are fabricated, finished, powder coated and individually packaged. This interior slip-fit corner is designed for 90 degree corner conditions that allow for a hairline joint in the straight sections of the railing without having to miter cut angles in the field. Attach the Corners using CRL Cat. No. TEK1 Tek Screws (see page HR164).

STANDARD COLORS

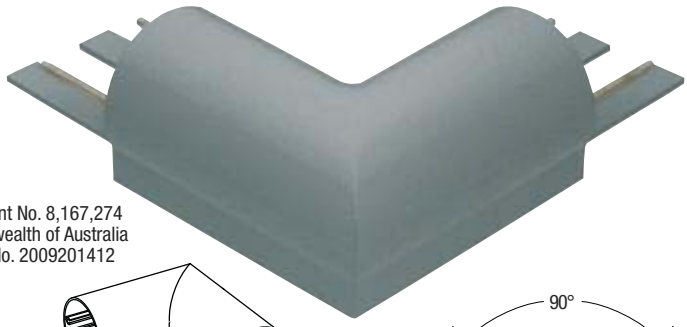


Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

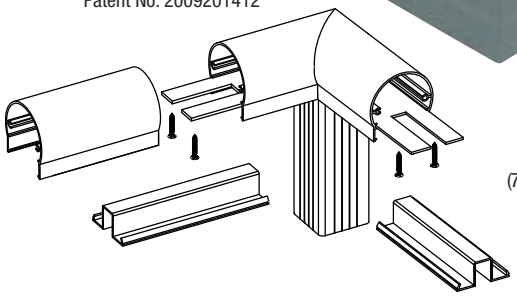
Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

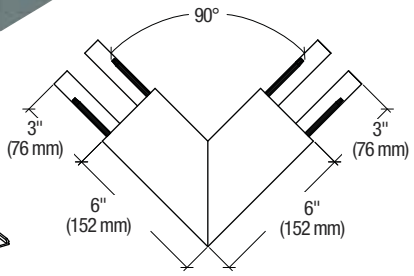
- Ready to Install

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Commonwealth of Australia
Patent No. 2009201412





CAT. NO.	COLOR
3TRHW	Sky White
3TRH0W	Oyster White
3TRHAGY	Agate Gray
3TRHBGY	Beige Gray
3TRHBL	Matte Black
3TRHBRZ	Matte Bronze
3TRHS	Silver Metallic
3TRHCRM	Mill Aluminum

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

CRL 300 Series 135 Degree Horizontal Corners

- Welded and Finished 6005 Alloy Aluminum/T5 Temper
- Matches Shape of Top Rail
- Seven Standard Colors, Plus Mill Aluminum
- Includes Aluminum Connector Splice Plates
- Custom Angle Corners Also Available

CRL 300 Series Horizontal Corners are fabricated, finished, powder coated and individually packaged. This interior slip-fit corner is designed for 135 degree corner conditions that allow for a hairline joint in the straight sections of the railing without having to miter cut angles in the field. Attach the Corners using CRL Cat. No. TEK1 Tek Screws (see page HR164).

STANDARD COLORS



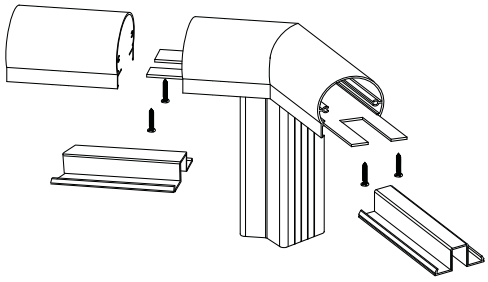
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

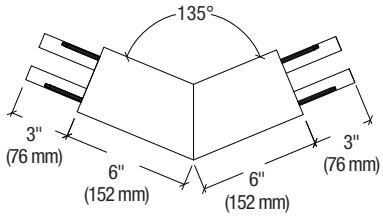
Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

- Ready to Install



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Commonwealth of Australia
Patent No. 2009201412





CAT. NO.	COLOR
3TRH3W	Sky White
3TRH30W	Oyster White
3TRH3AGY	Agate Gray
3TRH3BGY	Beige Gray
3TRH3BL	Matte Black
3TRH3BRZ	Matte Bronze
3TRH3S	Silver Metallic
3TRH3CRM	Mill Aluminum

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

CRL 350 Series 90 Degree Horizontal Corners

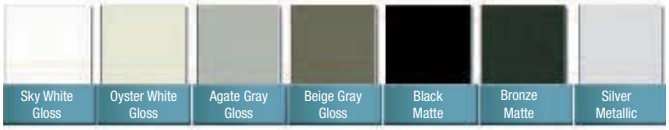
- Welded and Finished 6005 Alloy Aluminum/T5 Temper
- Matches Shape of Top Rail
- Seven Standard Colors, Plus Mill Aluminum
- Includes Aluminum Connector Splice Plates
- Custom Angle Corners Also Available

CRL 350 Series Horizontal Corners are fabricated, finished, powder coated and individually packaged. This interior slip-fit corner is designed for 90 degree corner conditions that allow for a hairline joint in the straight sections of the railing without having to miter cut angles in the field. Attach the Corners using CRL Cat. No. TEK1 Tek Screws (see page HR164).

CAT. NO.	COLOR
35TRHW	Sky White
35TRH0W	Oyster White
35TRHAGY	Agate Gray
35TRHBGY	Beige Gray
35TRHBL	Matte Black
35TRHBRZ	Matte Bronze
35TRHS	Silver Metallic
35TRHCRM	Mill Aluminum

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

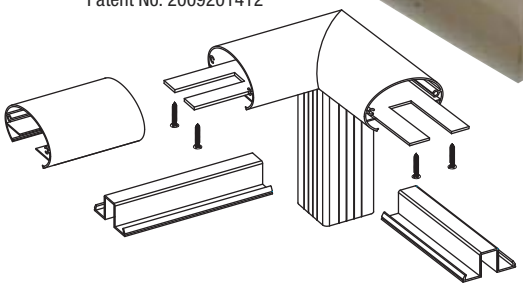
Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

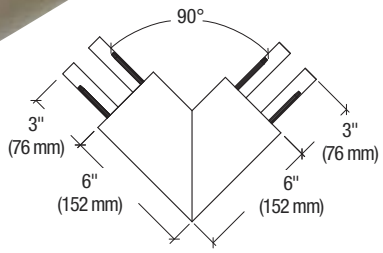
MORE INFORMATION crlaurence.com

- Ready to Install



U.S. Patent No. 8,167,274
Commonwealth of Australia
Patent No. 2009201412





CRL 350 Series 135 Degree Horizontal Corners

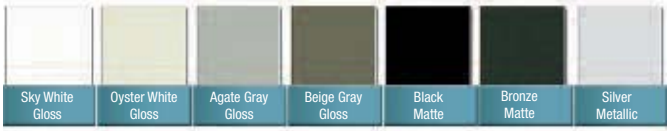
- Welded and Finished 6005 Alloy Aluminum/T5 Temper
- Matches Shape of Top Rail
- Seven Standard Colors, Plus Mill Aluminum
- Includes Aluminum Connector Splice Plates
- Custom Angle Corners Also Available

CRL 350 Series Horizontal Corners are fabricated, finished, powder coated and individually packaged. This interior slip-fit corner is designed for 135 degree corner conditions that allow for a hairline joint in the straight sections of the railing without having to miter cut angles in the field. Attach the Corners using CRL Cat. No. TEK1 Tek Screws (see page HR164).

CAT. NO.	COLOR
35TRH3W	Sky White
35TRH30W	Oyster White
35TRH3AGY	Agate Gray
35TRH3BGY	Beige Gray
35TRH3BL	Matte Black
35TRH3BRZ	Matte Bronze
35TRH3S	Silver Metallic
35TRH3CRM	Mill Aluminum

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

STANDARD COLORS



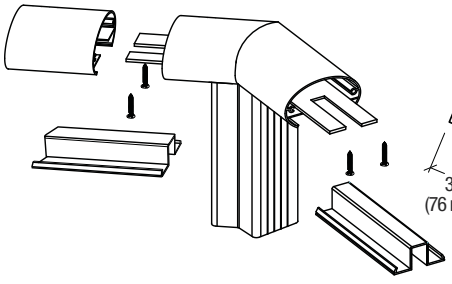
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

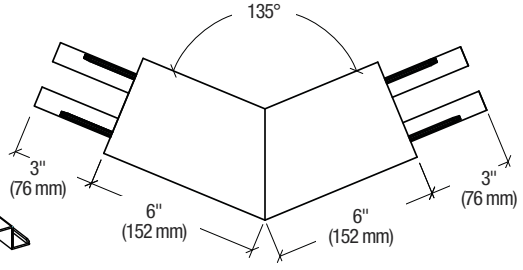
Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

- Ready to Install



U.S. Patent No. 8,167,274
Commonwealth of Australia
Patent No. 2009201412



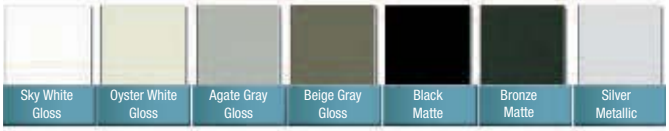


CRL 400 Series 90 Degree Horizontal Corners

- Welded and Finished 6005 Alloy Aluminum/T5 Temper
- Matches Shape of Top Rail
- Seven Standard Colors, Plus Mill Aluminum
- Includes Aluminum Connector Splice Plates
- Custom Angle Corners Also Available

CRL 400 Series Horizontal Corners are fabricated, finished, powder coated and individually packaged. This interior slip-fit corner is designed for 90 degree corner conditions that allow for a hairline joint in the straight sections of the railing without having to miter cut angles in the field. Attach the Corners using CRL Cat. No. TEK1 Tek Screws (see page HR164).

STANDARD COLORS



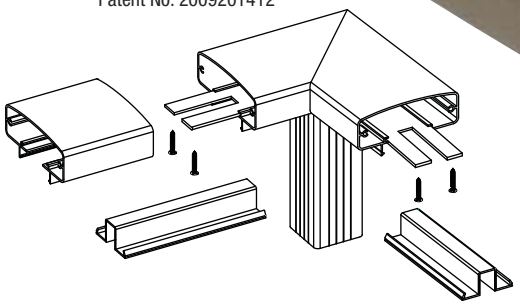
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

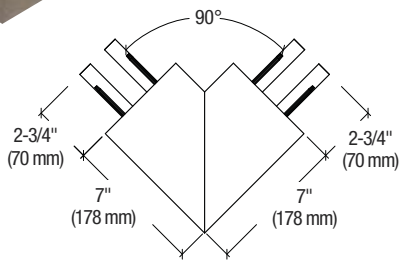
Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

- Ready to Install



U.S. Patent No. 8,167,274
Commonwealth of Australia
Patent No. 2009201412





CAT. NO.	COLOR
4TRHW	Sky White
4TRH0W	Oyster White
4TRHAGY	Agate Gray
4TRHBGY	Beige Gray
4TRHBL	Matte Black
4TRHBRZ	Matte Bronze
4TRHS	Silver Metallic
4TRHCRM	Mill Aluminum

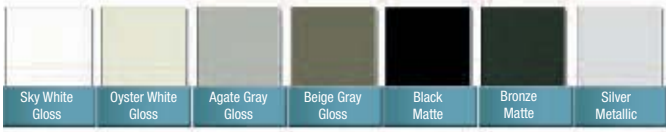
Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

CRL 400 Series 135 Degree Horizontal Corners

- Welded and Finished 6005 Alloy Aluminum/T5 Temper
- Matches Shape of Top Rail
- Seven Standard Colors, Plus Mill Aluminum
- Includes Aluminum Connector Splice Plates
- Custom Angle Corners Also Available

CRL 400 Series Horizontal Corners are fabricated, finished, powder coated and individually packaged. This interior slip-fit corner is designed for 135 degree corner conditions that allow for a hairline joint in the straight sections of the railing without having to miter cut angles in the field. Attach the Corners using CRL Cat. No. TEK1 Tek Screws (see page HR164).

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

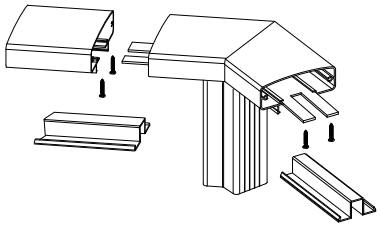
Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

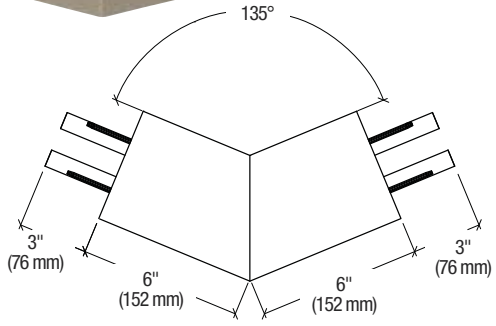
- Ready to Install

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U.S. Patent No. 8,167,274
Commonwealth of Australia
Patent No. 2009201412





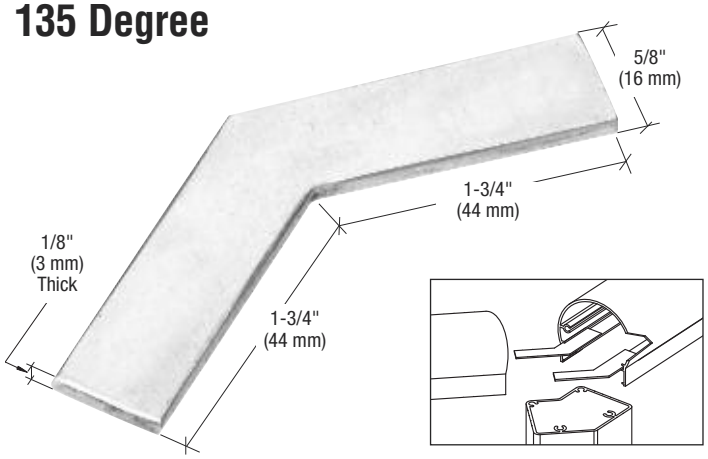
CAT. NO.	COLOR
4TRH3W	Sky White
4TRH30W	Oyster White
4TRH3AGY	Agate Gray
4TRH3BGY	Beige Gray
4TRH3BL	Matte Black
4TRH3BRZ	Matte Bronze
4TRH3S	Silver Metallic
4TRH3CRM	Mill Aluminum

Minimum order: 1 each. All Railing Corners can be combined for quantity pricing.

CRL Corner Brackets for 200, 300, and 400 Series Rails

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135 Degree

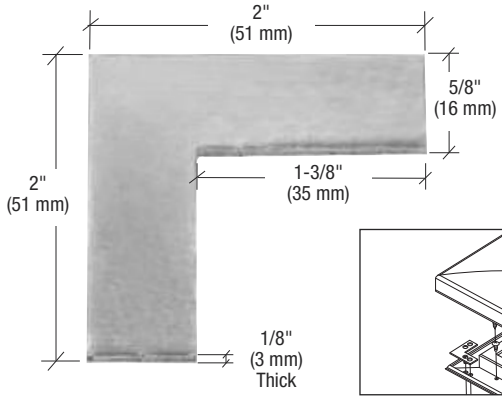


The CRL 135 Degree Corner Bracket was designed to fit underneath our 200, 300, and 400 Series Top Rails. Brackets are held in place with four Cat. No. TEK1 Self-Tapping Tek Screws (see page HR164). Two Brackets are required to butt-join a mitered Top Rail together, then are attached to an ARS Vertical Post. Aluminum Brackets are concealed under the Top Rail to connect corners.

CAT. NO.	DESCRIPTION
45CB	135 Degree Bracket

Minimum order: 1 each. **NOTE:** Cannot be used for 350 Series Rails.

90 Degree



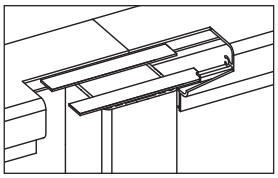
CRL 90 Degree Corner Brackets fit underneath our 200, 300, and 400 Series Top Rails. Brackets are held in place with four Cat. No. TEK1 Tek Screws (see page HR164). Two Brackets are required to butt-join a mitered Top Rail together, then are attached to an ARS Vertical Post. Aluminum Brackets are concealed under the Top Rail to connect corners.

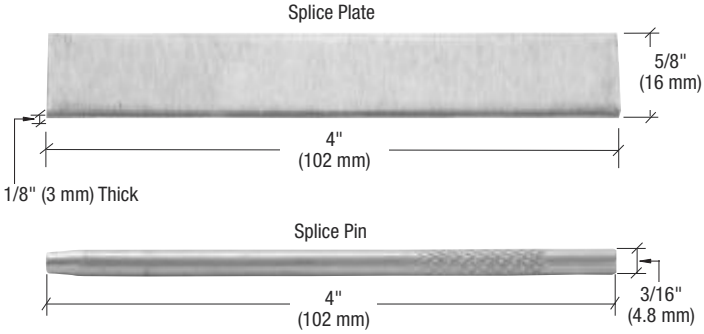
CAT. NO.	DESCRIPTION
90CB	90 Degree Bracket

Minimum order: 1 each. **NOTE:** Cannot be used for 350 Series Rails.

CRL Splice Plates and Pins for 200, 300, and 400 Series Rails

- **Splice Plates and Pins Fit Under Top Rail to Splice Rails Together Over a Post**





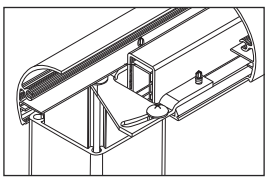
These CRL Splice Plates and Pins were designed to fit underneath our 200, 300, and 400 Series Top Rails. Plates are held in place with two Cat. No. TEK1 Self-Tapping Tek Screws (see page HR164). Two Plates and two Pins are required at each splice joint.

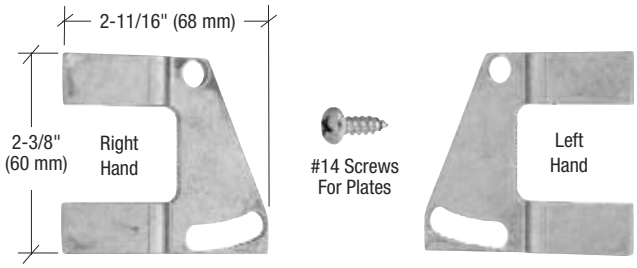
CAT. NO.	DESCRIPTION
TCP1	Splice Plate
TCP2*	Splice Pin

Minimum order: 1 each. *Minimum order 1 pair. **NOTE:** Cannot be used for 350 Series Rails.

CRL Adjustable Fastening Plates for Top Rails

- **Aluminum Plates Attach to Top of Vertical Post Then to Top Rail**
- **Must Be Used for 350 Series Rails**





The CRL Adjustable Fastening Plate was designed to first attach to the top of the ARS Vertical Posts, then underneath the Top Rails of our 200, 300, 350, and 400 Series Railings. Plates are held in place with Cat. No. CBS1 Pan Head Screws. Two Left Hand Plates are required to butt-join straight Top Rails together. Use one of each Left Hand and Right Hand to butt-join Mitered Top Rails.

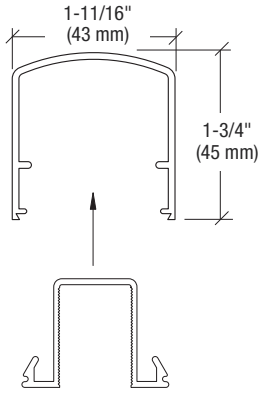
CAT. NO.	DESCRIPTION
CB350L	Left Hand Plate
CB350R	Right Hand Plate
CBS1*	#14 x 3/4" (19 mm) Screw

Minimum order: 1 each. Can not be used with our 100 Series Railing. * Minimum order: 50 each.

CRL Horizontal Mid-Rail for 200, 300, 350, and 400 Series Rails

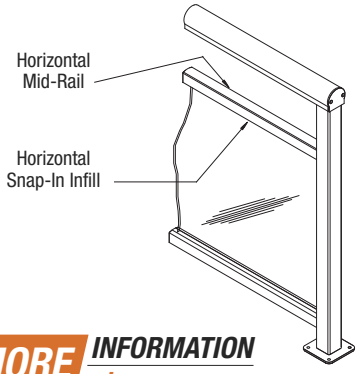
- Designed to Accommodate 1/4" to 1/2" (6 to 12 mm) Tempered Glass or 3/4" (19 mm) Square Pickets
- Anchored Between Posts Using RCB2 Mounting Blocks
- Seven Standard Colors, Plus Mill Aluminum
- Custom Powder Coat Colors Also Available

CRL Horizontal Mid-Rail is designed to accommodate Glass or Picket Infills. For glass applications use MR1F Glass Snap-In Infill (see below). For Picket applications use our BRF241 Bottom Rail Filler (see opposite page). Stock lengths measure 20'-1" (6.12 m).
See page HR164 for Rail Connecting Blocks.
See page HR163 for standard color chart.









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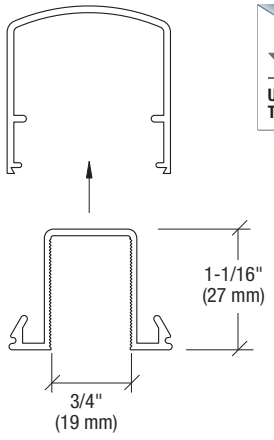
CAT. NO.	COLOR
MR1W	Sky White
MR10W	Oyster White
MR1AGY	Agate Gray
MR1BGY	Beige Gray
MR1BL	Matte Black
MR1BRZ	Matte Bronze
MR1S	Silver Metallic
MR1CRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

CRL Horizontal Snap-In Infill for Glass

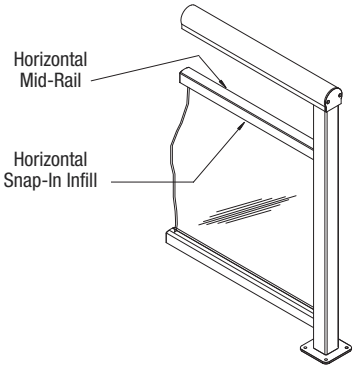
- Designed to Accommodate 1/4" to 1/2" (6 to 12 mm) Tempered Glass
- Anchored Between Posts Using RCB2 Mounting Blocks
- Snaps In From the Underside of the Horizontal Mid-Rail
- Seven Standard Colors, Plus Mill Aluminum
- Custom Powder Coat Colors Also Available

CRL Horizontal Snap-In Infill for Glass is designed to accommodate 1/4" to 3/8" (6 to 10 mm) glass with vinyl or 1/2" (12 mm) glass wet glazed with silicone. The Glass Snap-In Infill is designed to snap into the underside of the MR1 Horizontal Mid-Rail (see above). Stock lengths measure 20'-1" (6.12 m).
See page HR164 for Rail Connecting Blocks.
See page HR163 for standard color chart.







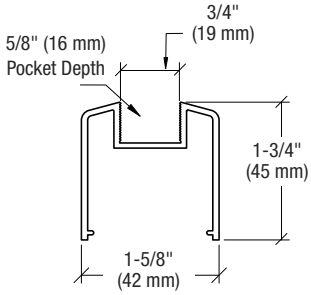


CAT. NO.	COLOR
MR1FW	Sky White
MR1F0W	Oyster White
MR1FAGY	Agate Gray
MR1FBGY	Beige Gray
MR1FBL	Matte Black
MR1FBRZ	Matte Bronze
MR1FS	Silver Metallic
MR1FCRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

CRL Bottom Glass Rail for 200, 300, 350, and 400 Series Rails

- Bottom Rail Designed to Accommodate 1/4" to 1/2" (6 to 12 mm) Tempered Glass
- Seven Standard Colors, Plus Mill Aluminum





CAT. NO.	COLOR
BRGLSW	Sky White
BRGLS0W	Oyster White
BRGLSAGY	Agate Gray
BRGLSBGY	Beige Gray
BRGLSBL	Matte Black
BRGLSBRZ	Matte Bronze
BRGLSS	Silver Metallic
BRGLSCRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

Our 200, 300, 350, and 400 Series Bottom Rail is designed to accommodate 1/4" to 3/8" (6 to 10 mm) tempered glass with vinyl, or 1/2" (12 mm) glazing if wet glazed. Simply snaps over Rail Connecting Block for an easy install. Stock lengths measure 20'-1" (6.12 m).

STANDARD COLORS

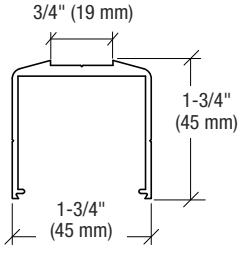


Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.



CRL Bottom Picket Rail for 200, 300, 350, and 400 Series Rails

- Designed to Accommodate 3/4" (19 mm) Square or Round Pickets
- Optional Bottom Rail Filler Available
- Seven Standard Colors, Plus Mill Aluminum





CAT. NO.	COLOR
BRPKTW	Sky White
BRPKT0W	Oyster White
BRPKTAGY	Agate Gray
BRPKTBGY	Beige Gray
BRPKTBL	Matte Black
BRPKTBRZ	Matte Bronze
BRPKTS	Silver Metallic
BRPKTCRM	Mill Aluminum

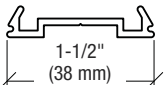
Minimum order: 1 each. Must ship common carrier.

The 200, 300, 350, and 400 Series Picket Bottom Rail is designed to accommodate 3/4" (19 mm) Square or Round Pickets. Simply snaps over Rail Connecting Block for an easy install. Stock lengths measure 20'-1" (6.12 m).

CRL Standard Bottom Rail Filler for 200, 300, 350, and 400 Series Rails

- Snaps in to Conceal the Underside of Bottom Rails and Create a Flush Look
- Works With Either Bottom Rail for Glass or Bottom Rail for Pickets
- Also Works With Horizontal Mid-Rails

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CAT. NO.	COLOR
BRF241W	Sky White
BRF2410W	Oyster White
BRF241AGY	Agate Gray
BRF241BGY	Beige Gray
BRF241BL	Matte Black
BRF241BRZ	Matte Bronze
BRF241S	Silver Metallic
BRF241CRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

CRL Standard Bottom Rail Filler is designed to finish off the underside of Bottom Rail to create a flush look. Stock lengths measure 20'-1" (6.12 m).

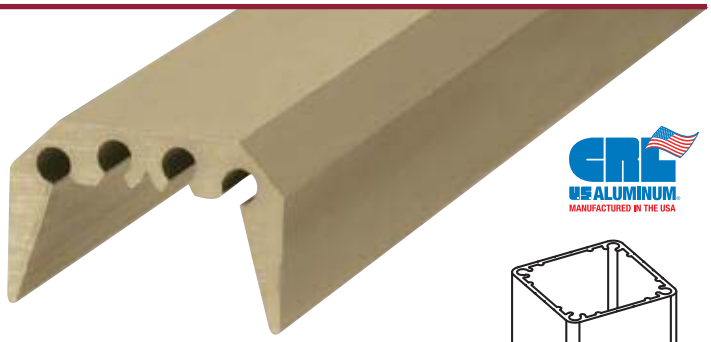
CRL Rail Connecting Blocks for 200, 300, 350, and 400 Series Rails

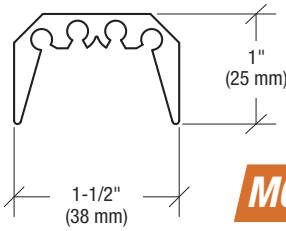
- Designed for Use When Installing the 200, 300, 350 or 400 Series Bottom Rails
- Three Standard Lengths Available

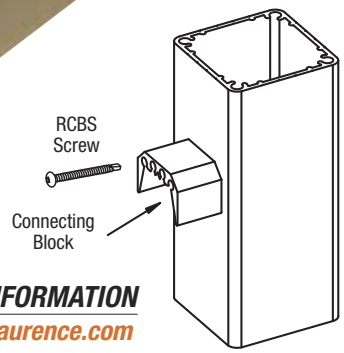
Use CRL Rail Connecting Blocks to connect Bottom Rails to vertical posts. Screw Blocks into index grooves on post using Cat. No. RCBS Rail Connecting Block Screws. Miter cut the 12" or 241" lengths when building angles and slopes. All Connecting Blocks are extruded aluminum with a weather resistant chromate finish.

CAT. NO.	LENGTH
RCB2	1" (25 mm)
RCB212	12" (305 mm)
RCB2241#	241" (6.12 m)

Minimum order: 1 each. # Must ship common carrier.



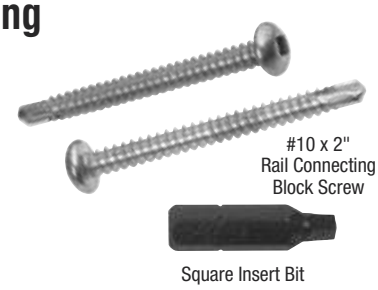




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CRL Rail Connecting Block Screws

- For 200, 300, 350, and 400 Series Railings
- Self-Tapping
- Stainless Steel



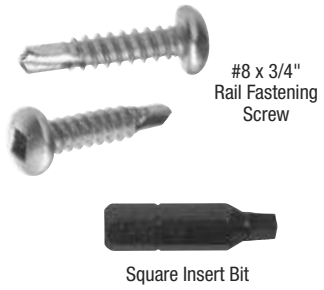
Use CRL Rail Connecting Block Screws when installing 200, 300, 350, and 400 Series Rail Connecting Blocks. RCB Screws are stainless steel #10 x 2", and have special crosscuts which allow them to tap their own threads in aluminum. Screws require Cat. No. 9502 1/8" (3 mm) size Square Insert Bit to install.

CAT. NO.	DESCRIPTION	SIZE
RCBS▲	Rail Connecting Block Screw	#10 x 2" (50.8 mm)
9502#	Square Insert Bit for Screws	1/8" (3 mm)

▲Minimum order: 50 each. Must be ordered in increments of 50. # Minimum order: 1 each.

CRL Tek Screws

- For 200, 300, 350, and 400 Series Railings
- Self-Tapping
- Stainless Steel



Use CRL Self-Tapping Tek Screws with installation of 200, 300, 350, and 400 Series Railings. Tek Screws are stainless steel #8 x 3/4", and have special crosscuts which allow them to tap their own threads in aluminum. Screws require Cat. No. 9502 1/8" (3 mm) size Square Insert Bit to install.

CAT. NO.	DESCRIPTION	SIZE
TEK1▲	Rail Fastening Screw	#8 x 3/4" (19 mm)
9502#	Square Insert Bit for Screws	1/8" (3 mm)

▲Minimum order: 50 each. Must be ordered in increments of 50. # Minimum order: 1 each.

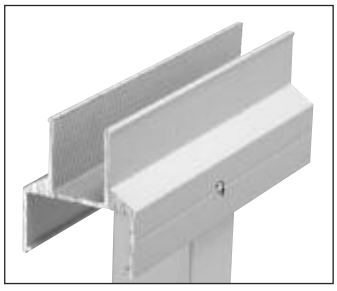
CRL Intermediate Bottom Support

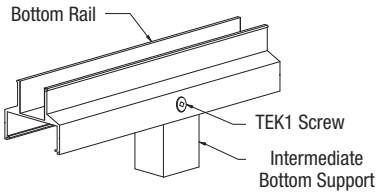
- For Use With All of Our Aluminum Railings
- Seven Standard Colors to Match Our Bottom Rails, Plus Mill Aluminum

The CRL Intermediate Bottom Support was designed to fit underneath the Bottom Rail for additional strength. Connects to Bottom Rail with two Cat. No. TEK1 Self-Tapping Tek Screws. Support is 12" (305 mm) in length.

CAT. NO.	COLOR
1BSW	Sky White
1BS0W	Oyster White
1BSAGY	Agate Gray
1BSBGY	Beige Gray
1BSBL	Matte Black
1BSBRZ	Matte Bronze
1BSS	Silver Metallic
1BSCRM	Mill Aluminum

Minimum order: 1 each.







CRL Surface Mount Post Kits for 200, 300, 350, and 400 Series Rails

- 2-3/8" (60 mm) Square
- Use for 180 Degree, 90 Degree or End Posts
- Three Standard Post Heights
- Complete With Base Plate, Stainless Washers, Screws, and Bolt Cover Buttons
- Seven Standard Colors, Plus Mill Aluminum

CRL 200, 300, 350, and 400 Series Surface Mount Post Kits come complete with Base Plate (BP5), Moisture Barrier Gasket (BPG1BL), Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), and Color Match Bolt Cover Buttons (BTN1). Standard Post Kits are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	POST HEIGHT
P36K	36" Post Kit	36" (914 mm)
P42K	42" Post Kit	42" (1066 mm)
P48K	48" Post Kit	48" (1219 mm)

Minimum order 1 each. *Specify powder coat color or mill aluminum when ordering.

Standard Kits Include:





STANDARD COLORS

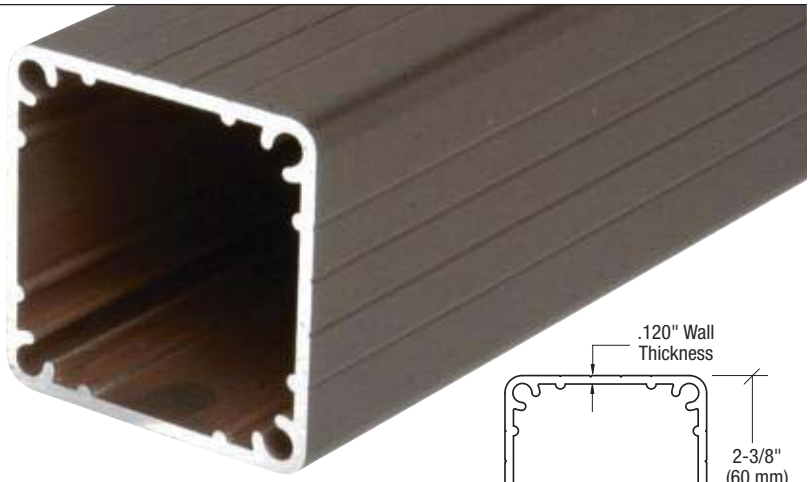


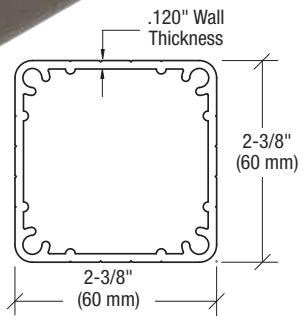
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

CRL Posts Only for 200, 300, 350, and 400 Series Rails

- 2-3/8" (60 mm) Square 6005 Alloy Aluminum/T5 Temper
- Use for 180 Degree, 90 Degree or End Posts
- Three Standard Post Heights
- Seven Standard Colors, Plus Mill Aluminum





MORE INFORMATION
crlaurence.com

CRL 200, 300, 350, and 400 Series Aluminum Posts are available in your choice of three heights and seven attractive colors, plus mill aluminum. You can also cut custom posts from our 20'-1" (6.12 m) stock length. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	HEIGHT/LENGTH
P36	36" Post	36" (914 mm)
P42	42" Post	42" (1066 mm)
P48	48" Post	48" (1219 mm)
P241#	20'-1" Stock Length	241" (6.12 m)

Minimum order 1 each. * Specify powder coat color or mill aluminum when ordering.
Must ship common carrier.

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL 135 Degree Surface Mount Post Kits for 200, 300, 350, and 400 Series Rails

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

- Three Standard Post Heights
- Complete With Base Plate, Moisture Barrier Gasket, Screws, Stainless Washers, and Bolt Cover Buttons
- Designed to Be Installed Onto Concrete, Wood, Steel, and Other Substrates
- Seven Standard Colors, Plus Mill Aluminum

CRL 135 Degree Post Kits come complete with Base Plate (BP5), Moisture Barrier Gasket (BPG1BL), Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), and Color Match Bolt Cover Buttons (BTN1). Standard Post Kits are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	POST HEIGHT
P536K	36" 135 Degree Post Kit	36" (914 mm)
P542K	42" 135 Degree Post Kit	42" (1066 mm)
P548K	48" 135 Degree Post Kit	48" (1219 mm)

Minimum order 1 each. *Specify powder coat color or mill aluminum when ordering.

Standard Kits Include:





STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture.
If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

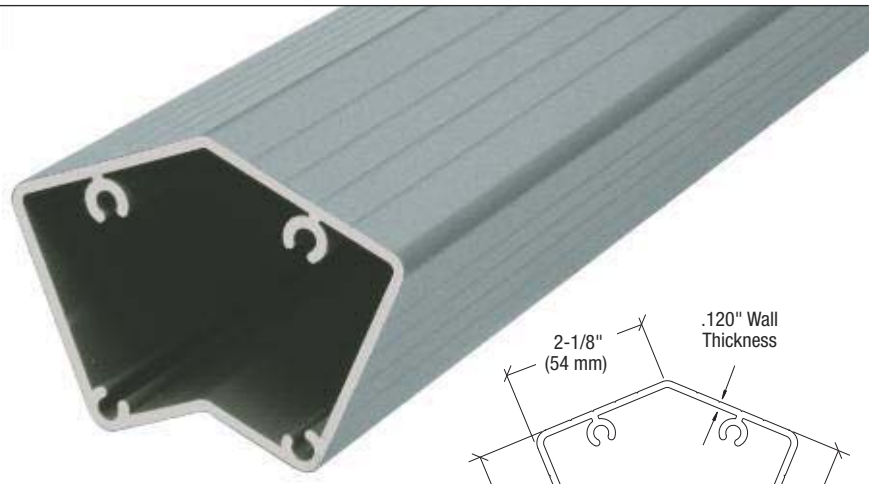
CRL 135 Degree Posts Only for 200, 300, 350, and 400 Series Rails

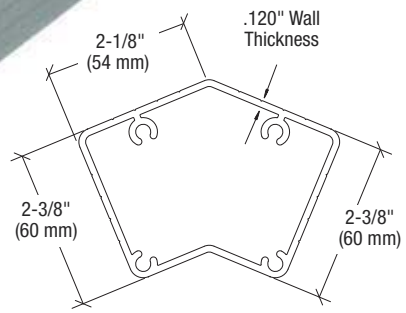
- Three Standard Post Heights Plus a Stock Length You Can Cut to the Needed Size
- Seven Standard Colors, Plus Mill Aluminum

CRL 135 Degree Posts are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available. You can also order our 20'-1" (6.12 m) stock length to cut posts of any height required. These posts are designed to be installed onto concrete, wood, steel, and other substrates. Can be core mounted or surface mounted.

CAT. NO.*	DESCRIPTION	HEIGHT/LENGTH
P536	36" 135 Degree Post	36" (914 mm)
P542	42" 135 Degree Post	42" (1066 mm)
P548	48" 135 Degree Post	48" (1219 mm)
P5241#	20'-1" Stock Length	241" (6.12 m)

Minimum order 1 each. * Specify powder coat color or mill aluminum when ordering.
Must ship common carrier.





STANDARD COLORS



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If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Fascia Mount Post Kits for 200, 300, 350, and 400 Series Rails

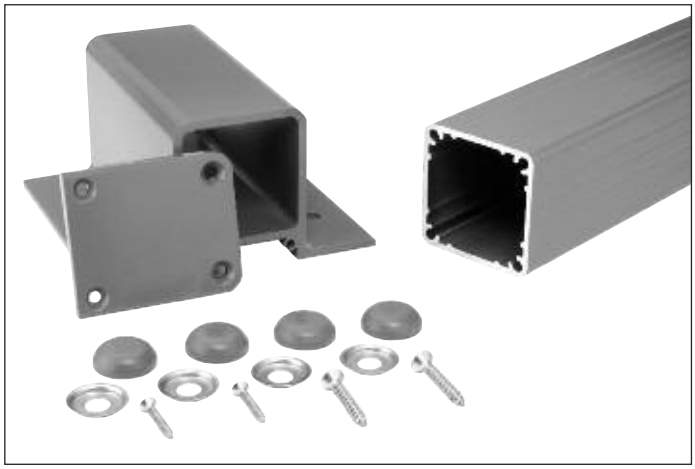
- 2-3/8" (60 mm) Square 6005 Alloy Aluminum/T5 Temper
- Use for Center and End Posts
- Designed to Mount to Almost Any Substrate
- Three Standard Post Heights
- Seven Standard Colors, Plus Mill Aluminum

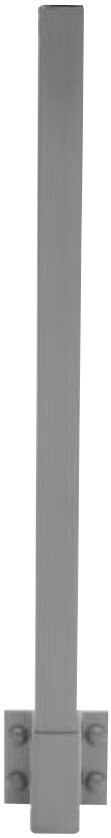
CRL 200, 300, 350, and 400 Series Fascia Mount Post Kits come complete with a Post that has an additional 10" (254 mm) in length, Fascia Bracket (FB1), Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), and Bolt Cover Buttons (BTN1). Fascia Mount Post Kits are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	POST HEIGHT
FP36K	36" Fascia Post Kit	46" (1168 mm)
FP42K	42" Fascia Post Kit	52" (1320 mm)
FP48K	48" Fascia Post Kit	58" (1473 mm)

Minimum order 1 each. * Specify powder coat color or mill aluminum when ordering.

Standard Kits Include:





STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

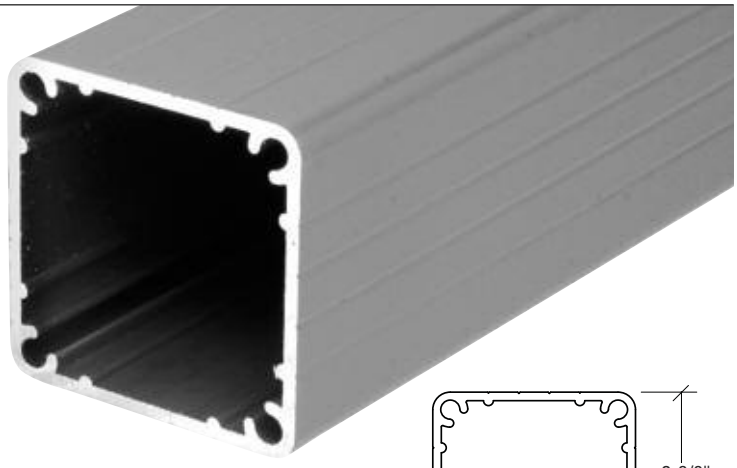
CRL Fascia Mount Posts Only for 200, 300, 350, and 400 Series Rails

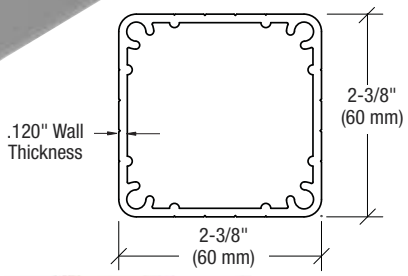
- 2-3/8" (60 mm) Square 6005 Alloy Aluminum/T5 Temper
- Three Standard Post Heights, Plus a Stock Length You Can Cut to the Needed Size
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Also Available

CRL 200, 300, 350, and 400 Series Fascia Posts have an additional 10" (254 mm) in length to accommodate fascia mount installations. They are available in your choice of three heights and seven attractive colors, plus mill aluminum. You can also cut custom posts from our 20'-1" (6.12 m) stock length. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	HEIGHT/LENGTH
FP36	36" Fascia Post	46" (1168 mm)
FP42	42" Fascia Post	52" (1320 mm)
FP48	48" Fascia Post	58" (1473 mm)
P241#	20'-1" Stock Length	241" (6.12 m)

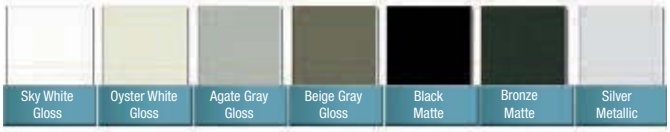
Minimum order 1 each. * Specify powder coat color or mill aluminum when ordering.
Must ship common carrier.





MORE INFORMATION crlaurence.com

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

CRL 90 Degree Fascia Mount Post Kits for 200, 300, 350, and 400 Series Rails

- Hold 2-3/8" (60 mm) Square Posts
- Designed for Outside 90 Degree Mounting Conditions to Almost Any Substrate
- Three Standard Post Heights
- 6005 Alloy Aluminum T5 Temper
- Seven Standard Colors, Plus Mill Aluminum

These Fascia Mount Post Kits are designed for outside 90 degree mounting conditions. Kits come complete with a Post that has an additional 10" (254 mm) in length, Fascia Bracket (FB2), Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), and Bolt Cover Buttons (BTN1). Custom heights and colors are also available.

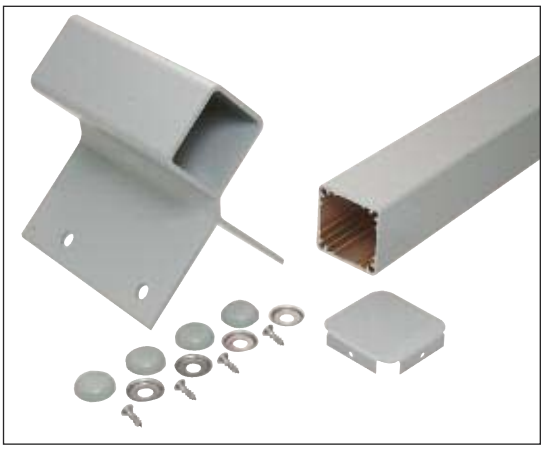
CAT. NO.*	DESCRIPTION	POST HEIGHT
FP936K	36" 90 Degree Fascia Post Kit	46" (1168 mm)
FP942K	42" 90 Degree Fascia Post Kit	52" (1321 mm)
FP948K	48" 90 Degree Fascia Post Kit	58" (1473 mm)

Minimum order: 1 each. *Specify powder coat color or mill aluminum when ordering.

MORE CHOICES crlaurence.com

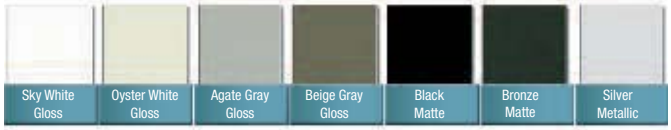
CRL US ALUMINUM MANUFACTURED IN THE USA

Standard Kits Incude:





STANDARD COLORS



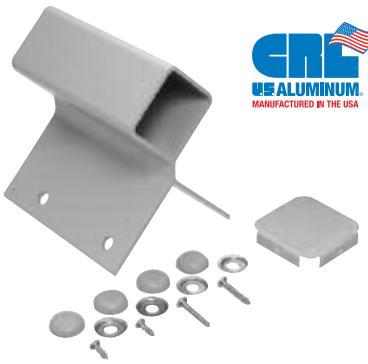
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

CRL 90 Degree Fascia Mount Brackets

- Specifically Designed for Outside 90 Degree Fascia Mount Installations
- Works With Almost Any Deck
- Seven Standard Colors, Plus Mill Aluminum

Use these 90 Degree Fascia Mount Brackets to attach 2-3/8" (60 mm) Vertical Posts to the side of almost any deck.

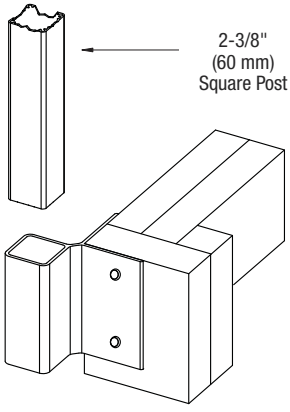


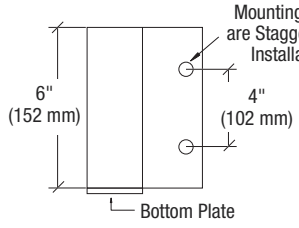
CRL US ALUMINUM MANUFACTURED IN THE USA

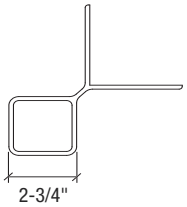


CAT. NO.	COLOR
FB2W	Sky White
FB20W	Oyster White
FB2AGY	Agate Gray
FB2BGY	Beige Gray
FB2BL	Matte Black
FB2BRZ	Matte Bronze
FB2S	Silver Metallic
FB2CRM	Mill Aluminum

Minimum order: 1 each.

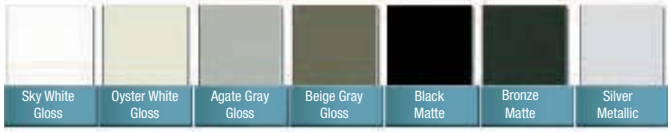






NOTE: Not for use with our 4" x 4" Vertical Posts.

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

CRL Fascia Mount Brackets

- **Seven Standard Colors, Plus Mill Aluminum Available to Match All CRL Aluminum Railings Using Our 2-3/8" (60 mm) Square Aluminum Posts**

Use the Fascia Mount Bracket to attach Vertical Posts to the face of almost any deck (see page HR170 for mounting hardware).
NOTE: Not for use with our 4 x 4 Vertical Posts.

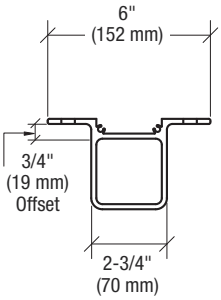


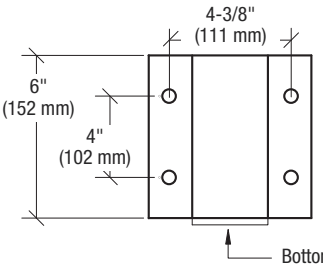
CAT. NO.	COLOR
FB1W	Sky White
FB10W	Oyster White
FB1AGY	Agate Gray
FB1BGY	Beige Gray
FB1BL	Matte Black
FB1BRZ	Matte Bronze
FB1S	Silver Metallic
FB1CRM	Mill Aluminum

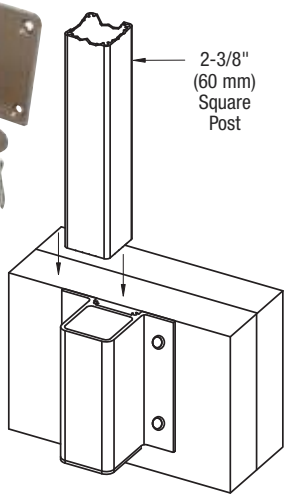
Minimum order: 1 each. See opposite page for color chart.

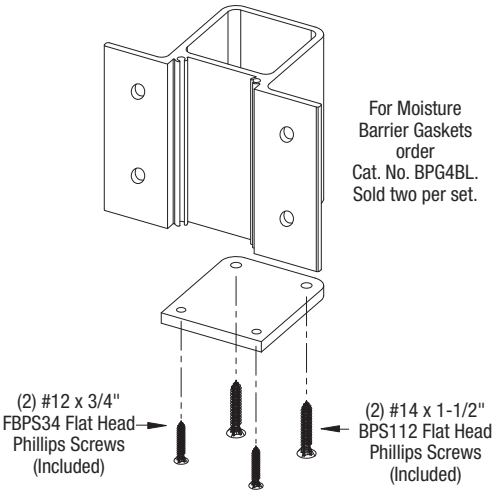


MORE INFORMATION crlaurence.com









CRL Touch-Up Paint

- **Used to Cover Scratches or Bare Metal Ends**
- **Matches Seven CRL Powder Paint Colors**

CAT. NO.	COLOR
SP8W	Sky White
SP80W	Oyster White
SP8AGY	Agate Gray
SP8BGY	Beige Gray
SP8BL	Matte Black
SP8BRZ	Matte Bronze
SP8S	Silver Metallic

Minimum order: 1 each. See opposite page for color chart.

Use CRL Touch-Up Paint to touch up scratches or bare metal ends. It can be applied at the job site, thus eliminating the need for costly dismantling and reassembling of the affected parts. Touch-Up Paint is a cost and labor saver. 12 oz. (340 g) per can.

MSDS ONLINE

NO AIR FREIGHT



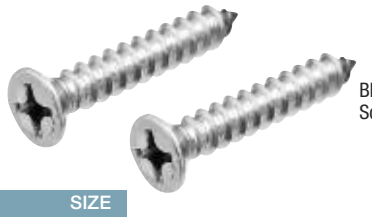


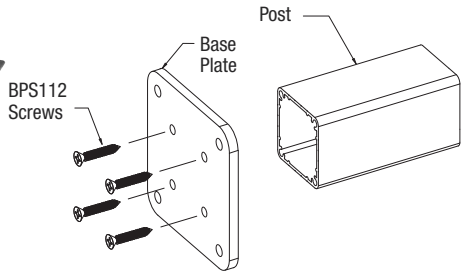




CRL Base Plate Screws

- For Use With All Square Base Plates
- Stainless Steel





CAT. NO.	DESCRIPTION	SIZE
BPS112	Base Plate Screw	#14 x 1-1/2" (38 mm)

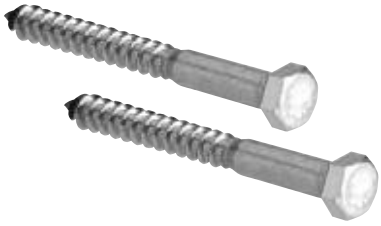
Minimum order: 50 each. Must be ordered in increments of 50.

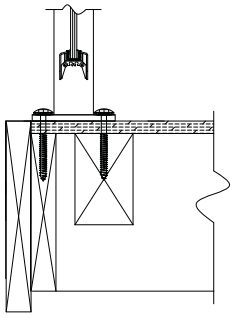
CRL Lag Bolts

- Attach Vertical Posts to a Wooden Substrate
- Stainless Steel

Use CRL Lag Bolts with CRL Stainless Steel Washers (WSHR1) and Color Match Bolt Cover Buttons (BTN1) to create a finished look. All Lag Bolts are designed to attach to a wooden substrate. See page HR172 for Color Match Bolt Cover Buttons and Stainless Steel Washers.

CRL 3/8" x 3-1/2" Lag Bolts



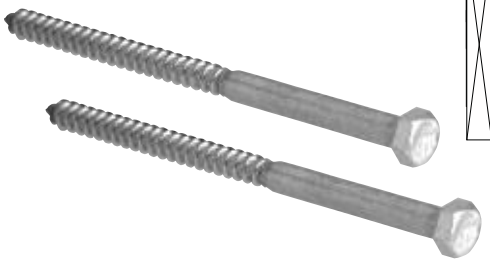


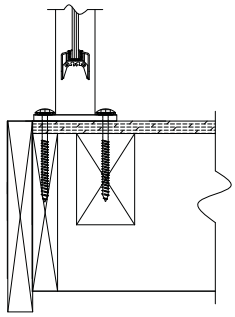
CAT. NO.	SIZE	LENGTH
LB350	3/8" (9.5 mm)	3-1/2" (89 mm)

Minimum order: 20 each.

CRL 3/8" x 6" Lag Bolts

MORE CHOICES crlaurence.com





CAT. NO.	SIZE	LENGTH
LB600	3/8" (9.5 mm)	6" (152 mm)

Minimum order: 20 each.

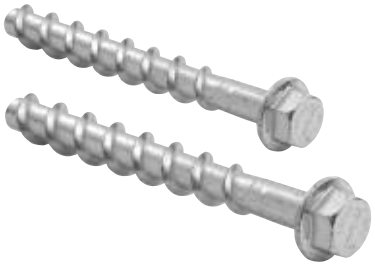
CRL Concrete Anchors

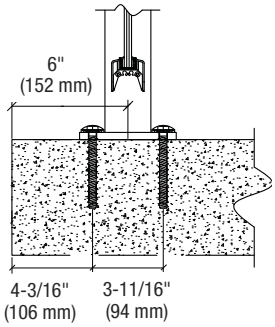
- To Attach Vertical Posts to Concrete Substrate

CRL Concrete Anchors are ideal for attaching Vertical Post Kits to substrate. Use with Cat. No. WSHR1 Stainless Steel Washers and Color Match Bolt Cover Buttons (see page HR172) to create a finished look.

Hilti® KWIK HUS-EZ Screw Anchors

- Heat Treated Carbon Steel



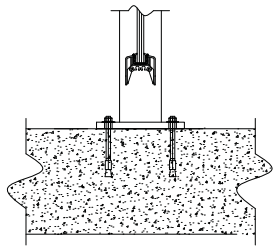


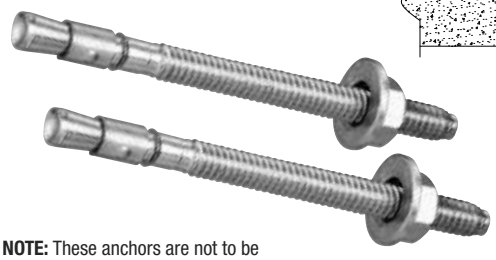
CAT. NO.	SIZE	LENGTH
WBA38X4	3/8" (9.5 mm)	4" (102 mm)
WBA14X3	1/4" (6.3 mm)	3" (76 mm)

Minimum order: 50 each.

Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation.

CRL Stainless Steel Anchors





NOTE: These anchors are not to be used for guard rail applications.

CAT. NO.	SIZE	LENGTH
CA325	1/4" (6.3 mm)	3-1/4" (83 mm)

Minimum order: 20 each.

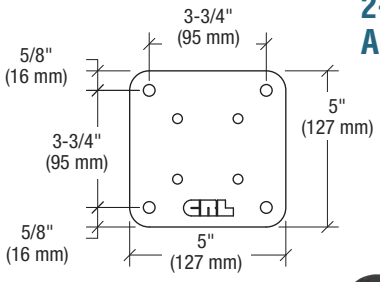
CRL Standard 5" Square Base Plates

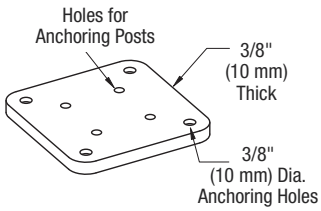
- **Seven Standard Colors, Plus Mill Aluminum Available for Standard and 45 Degree Post**

CRL Standard Square Base Plates screw into Vertical Post raceways. They are countersunk to accept four Cat. No. BPS112 Base Plate Screws, then attached to the substrate with our Concrete Anchors or Lag Bolts (see opposite page). Use Stainless Steel Washers (WSHR1) and Color Match Bolt Cover Buttons (BTN1) to add a finished look. The BP05 Offset Base Plate design allows vertical posts to attach to one side of the Base Plate. One each Cat. No. BPG1BL Moisture Barrier Gasket is included with each Base Plate (see below).

Square Base Plate

- **For Center Mounted 2-3/8" (60 mm) Square Aluminum Posts**





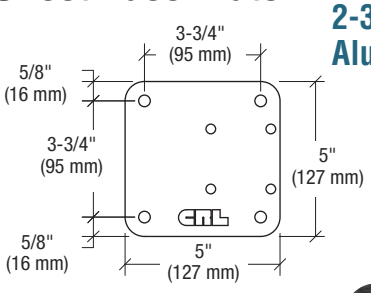
CAT. NO.	COLOR
BP5W	Sky White
BP50W	Oyster White
BP5AGY	Agate Gray
BP5BGY	Beige Gray
BP5BL	Matte Black
BP5BRZ	Matte Bronze
BP5S	Silver Metallic
BP5CRM	Mill Aluminum

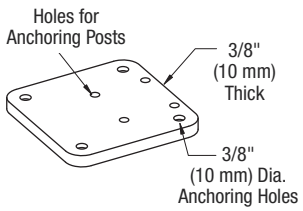
Minimum order: 1 each.



Offset Base Plate

- **For Offset Mounted 2-3/8" (60 mm) Square Aluminum Posts**





CAT. NO.	COLOR
BP05W	Sky White
BP050W	Oyster White
BP05AGY	Agate Gray
BP05BGY	Beige Gray
BP05BL	Matte Black
BP05BRZ	Matte Bronze
BP05S	Silver Metallic
BP05CRM	Mill Aluminum

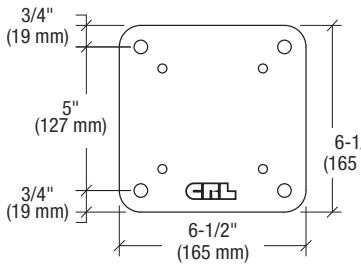
Minimum order: 1 each.

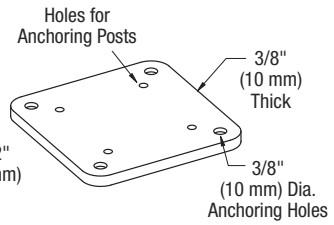


CRL 6-1/2" Square Base Plates

- **For Use With Our 4" (102 mm) Square Vertical Posts**
- **Seven Standard Colors, Plus Mill Aluminum**

This Square Base Plate screws into our 4" x 4" (102 x 102 mm) Vertical Post raceways, and is countersunk to accept four Cat. No. BPS112 Base Plate Screws. Attach to substrate with Concrete Anchors or Lag Bolts (see opposite page). Use Stainless Steel Washers (WSHR1) and Color Match Bolt Cover Buttons (BTN1) to add a finished look. One each Cat. No. BPG3BL Moisture Barrier Gasket is included with each Base Plate.





CAT. NO.	COLOR
BP6W	Sky White
BP60W	Oyster White
BP6AGY	Agate Gray
BP6BGY	Beige Gray
BP6BL	Matte Black
BP6BRZ	Matte Bronze
BP6S	Silver Metallic
BP6CRM	Mill Aluminum

Minimum order: 1 each.



CRL Moisture Barrier Gaskets

- **For Aluminum Railings and Windscreens**
- **Protects Metal Base Plates From Moisture in Concrete**
- **Three Sizes Available**
- **1/8" (3 mm) Thick**

MORE INFORMATION crlaurence.com



CRL Moisture Barrier Gaskets protect metal Base Plates on Posts and Stanchions from moisture absorption through concrete, brick, masonry, or stucco substrates. Over time moisture will cause metal to corrode, and with these Barrier Gaskets between the substrate and Base Plate the metal is protected. **NOTE:** For Fascia Mount Moisture Barrier Gaskets order Cat. No. BPG4BL, sold by the set of two.

CAT. NO.	SIZE
BPG1BL	5" x 5" (127 mm x 127 mm)
BPG2BL	6" x 6" (152 mm x 152 mm)
BPG3BL	6-1/2" x 6-1/2" (165 mm x 165 mm)

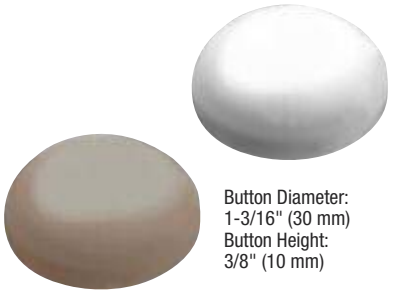
Minimum order: 1 each. All Sizes can be combined for quantity pricing.

CRL Color Match Bolt Cover Buttons

- **Snap-On Fit**
- **Seven Standard Colors to Match Our Posts**

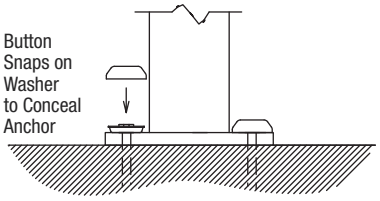


CRL Color Match Bolt Cover Buttons are designed to cover up exposed Concrete Anchors and Lag Bolts on Vertical Post Base Plates. Plastic Buttons snap over Cat. No. WSHR1 Stainless Steel Washers to create a finished look.



CAT. NO.	COLOR
BTN1W	Sky White
BTN10W	Oyster White
BTN1AGY	Agate Gray
BTN1BGY	Beige Gray
BTN1BL	Matte Black
BTN1BRZ	Matte Bronze
BTN1DS	Dark Silver

Minimum order: 50 each. Must be ordered in increments of 50.



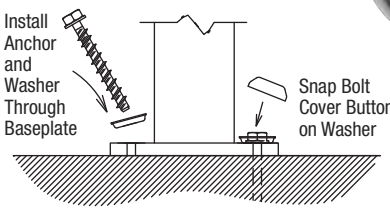
CRL Stainless Steel Button Washer

- **Sleek Design Allows Bolt Cover Buttons to Snap Over the Stainless Steel Washer**





1" (25 mm) diameter Stainless Steel Washer with a 7/16" (11 mm) hole. Designed to accept CRL Color Match Bolt Cover Buttons.



CAT. NO.	DIAMETER	HOLE	THICKNESS
WSHR1	1" (25 mm)	7/16" (11 mm)	1/8" (3 mm)

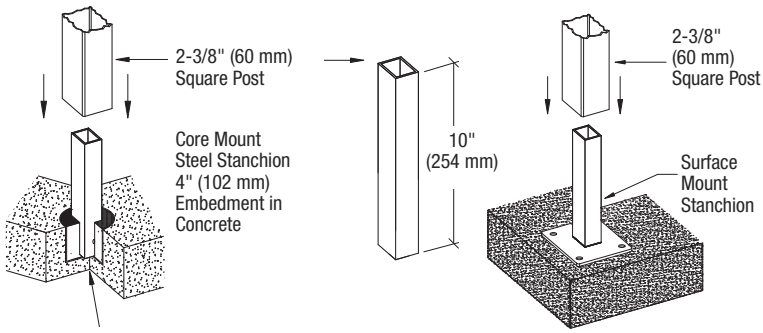
Minimum order: 50 each. Must be ordered in increments of 50.

CRL Aluminum Railing Stanchions

MORE INFORMATION crlaurence.com

- **Designed for All Series of CRL Aluminum Railings Using Our 2-3/8" (60 mm) Square Aluminum Posts**
- **Stainless Steel**

Use these 1-1/2" x 2" (38 x 51 mm) Stainless Steel Stanchions to core or surface mount your Aluminum Railing System. Wet set Core Stanchions in 8,000 psi or greater cement (see page HR016 for Expanding Cement). Surface Mount Stanchions are welded to a steel base plate and then powder coated to match our ARS Posts and Bottom Rails. One each Moisture Barrier Gasket Cat. No. BPG1BL is included with each Surface Mount Stanchion.

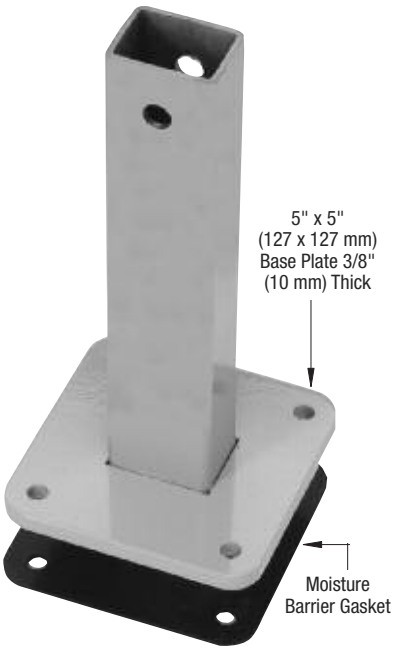


CAT. NO.	DESCRIPTION	STANCHION HEIGHT
PST5	Core Mount	10" (254 mm)
PST5BP*	Surface Mount	10" (254 mm)

Minimum order: 1 each. * Specify powder coat color when ordering.



CAT. NO. PST5



CAT. NO. PST5BP

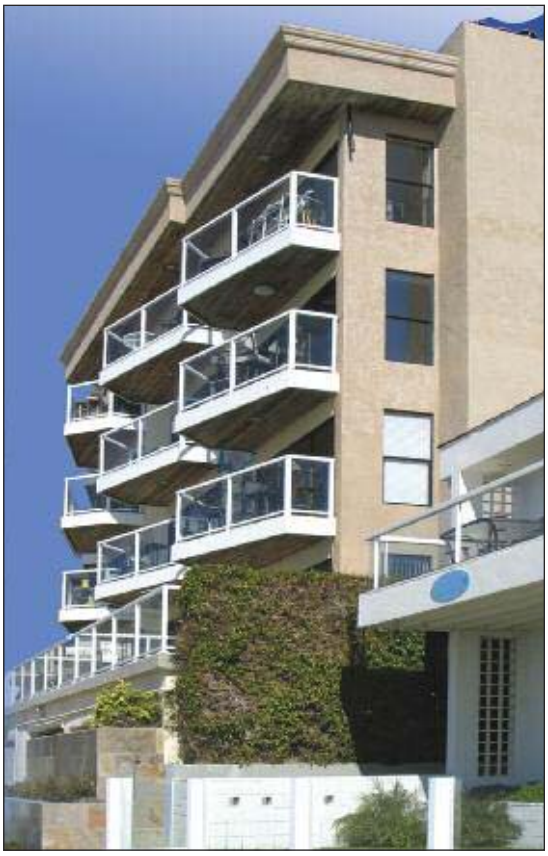
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

Online Photo Gallery

When you visit **crlaurence.com/gallery** you can view our photo galleries of finished projects. It's a great way to show your customers what can be accomplished when they specify CRL Architectural Hardware Products.



ARS 350 Series Aluminum Railing System With Pickets and Double Horizontal Mid Rail



ARS 200 Series Aluminum Railing System With Glass Infill



ARS 200 Series Aluminum Railing System With Glass Infill



ARS 300 Series Aluminum Railing System With Surface Mount Posts and Glass Infill

TOLL FREE Phone: (800) 421-6144
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From Anywhere in the U.S. or Canada

CRL Picket Panels for 200, 300, 350, and 400 Series Rails

MORE INFORMATION crlaurence.com

- 3/4" (19 mm) Square Pickets in Seven Standard Colors, Plus Mill Aluminum
- Nine Standard Picket Panel Sizes
- Custom Picket Panels Also Available



CRL Picket Panels are available in a variety of lengths and widths. Seven stock colors, plus mill aluminum to choose from. Use CRL Picket Panels to save time and cost. All Panels come with Top Infill, Bottom Rail, and Pickets spaced 3-7/8" (98 mm) apart.

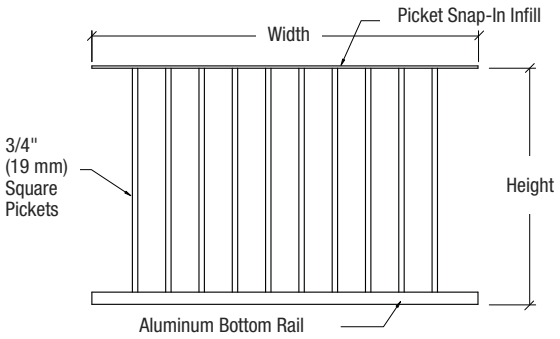
STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

CAT. NO.*	FITS OPENING (W X H)	ACTUAL SIZE (W X H)	PICKETS
P4836	48" x 36" (1219 x 914 mm)	53-5/8" x 33-1/8" (1362 x 841 mm)	10
P6036	60" x 36" (1524 x 914 mm)	65-5/8" x 33-1/8" (1667 x 841 mm)	13
P7236	72" x 36" (1828 x 914 mm)	77-5/8" x 33-1/8" (1972 x 841 mm)	15
P4842	48" x 42" (1219 x 1066 mm)	53-5/8" x 39-1/8" (1362 x 994 mm)	10
P6042	60" x 42" (1524 x 1066 mm)	65-5/8" x 39-1/8" (1667 x 994 mm)	13
P7242	72" x 42" (1828 x 1066 mm)	77-5/8" x 39-1/8" (1972 x 994 mm)	15
P4848	48" x 48" (1219 x 1219 mm)	53-5/8" x 45-1/8" (1362 x 1146 mm)	10
P6048	60" x 48" (1524 x 1219 mm)	65-5/8" x 45-1/8" (1667 x 1146 mm)	13
P7248	72" x 48" (1828 x 1219 mm)	77-5/8" x 45-1/8" (1972 x 1146 mm)	15

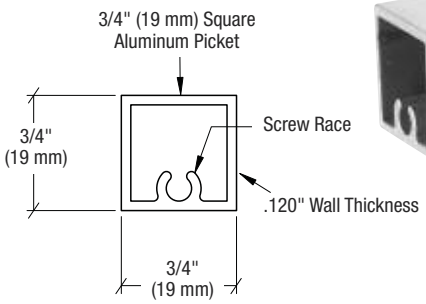
Minimum order: 1 each. * Specify powder coat color or mill aluminum when ordering. Must ship common carrier.



CRL Pickets for 200, 300, 350, and 400 Series Rails

- 20'-1" (6.12 m) Extrusions You Cut to Required Lengths
- Seven Standard Colors, Plus Mill Aluminum
- Easy to Install Design

Square Pickets





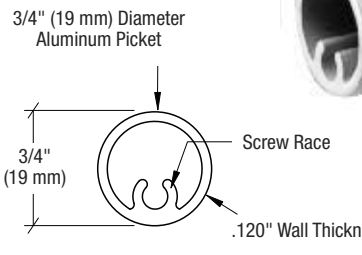
CAT. NO. PKTS2
Picket Screw
Minimum Order is 50 Each

CAT. NO.	COLOR
PKTS241W	Sky White
PKTS2410W	Oyster White
PKTS241AGY	Agate Gray
PKTS241BGY	Beige Gray
PKTS241BL	Matte Black
PKTS241BRZ	Matte Bronze
PKTS241S	Silver Metallic
PKTS241CRM	Mill Aluminum

Minimum order: 1 each.
See above for color chart. Must ship common carrier.

Use CRL 200, 300, 350, and 400 Series Square Picket Extrusions with Top Infills and Bottom Rails. The 3/4" (19 mm) Picket Extrusion attaches to Top Infills and Bottom Rails with a Cat. No. PKTS2 Stainless Steel Phillips Pan Head Picket Screw.

Round Pickets







CAT. NO. PKTS2
Picket Screw
Minimum Order is 50 Each

CAT. NO.	COLOR
PKTR241W	Sky White
PKTR2410W	Oyster White
PKTR241AGY	Agate Gray
PKTR241BGY	Beige Gray
PKTR241BL	Matte Black
PKTR241BRZ	Matte Bronze
PKTR241S	Silver Metallic
PKTR241CRM	Mill Aluminum

Minimum order: 1 each.
See above for color chart. Must ship common carrier.

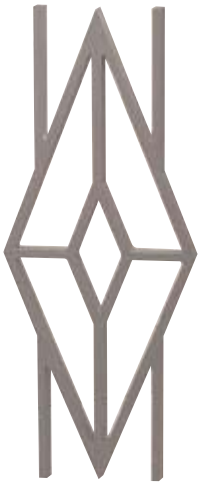
Use CRL 200, 300, 350, and 400 Series Round Picket Extrusions with Top Infills and Bottom Rails. The 3/4" (19 mm) Picket Extrusion attaches to Top Infills and Bottom Rails with a Cat. No. PKTS2 Stainless Steel Phillips Pan Head Picket Screw.

CRL Standard Cast Infills

- Made From Solid Cast Aluminum
- Seven Standard Colors, Plus Mill Aluminum
- Combine With Pickets to Create a Unique Appearance for Your Railing System
- Designed for Railings Up to 42" (1067 mm) Tall

CRL Aluminum Cast Infill Panels easily install into all ARS Series Aluminum Railing Systems and provide an attractive, maintenance-free design that will enhance any residential or commercial application.





Diamond Pattern

MORE INFORMATION crlaurence.com

DIAMOND PATTERN CAST INFILLS

CAT. NO.	COLOR
C1DP42W	Sky White
C1DP420W	Oyster White
C1DP42AGY	Agate Gray
C1DP42BGY	Beige Gray
C1DP42BL	Matte Black
C1DP42BRZ	Matte Bronze
C1DP42S	Silver Metallic
C1DP42CRM	Mill Aluminum

Minimum order: 1 each. See opposite page for color chart.



Chevron Pattern

CHEVRON PATTERN CAST INFILLS

CAT. NO.	COLOR
C1CP42W	Sky White
C1CP420W	Oyster White
C1CP42AGY	Agate Gray
C1CP42BGY	Beige Gray
C1CP42BL	Matte Black
C1CP42BRZ	Matte Bronze
C1CP42S	Silver Metallic
C1CP42CRM	Mill Aluminum

Minimum order: 1 each. See opposite page for color chart.

CRL Custom Water Jet and Laser Cut Infill Panels

- Custom Fabricated to Your Specifications
- Available in 1/4" and 3/8" (6 and 10 mm) Aluminum Thickness
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Also Available
- Welded and Fabricated as a Railing Infill Panel or Can Be Connected With Z-Series Clamps (See Pages HR102-HR108)
- Designs are Limitless

CRL Water Jet and Laser Cut Infill Panels are designed to be welded or connected with Z-Series Clamps into CRL's Aluminum Railing Systems as a decorative infill option. Each Water Jet or Laser Cut Panel is fabricated to your exact specifications and innovative designs at our Los Angeles manufacturing facility. CRL's Technical Sales Representatives are eager to assist you and create a functional custom made Infill Panel that will meet the needs of even the most discriminating customer, while assuring long-term structural integrity.



CAT. NO.	DESCRIPTION
ARSLSR1	Custom Water Jet/Laser Cut Aluminum Infill Panel

Minimum order: 1 each.

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FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

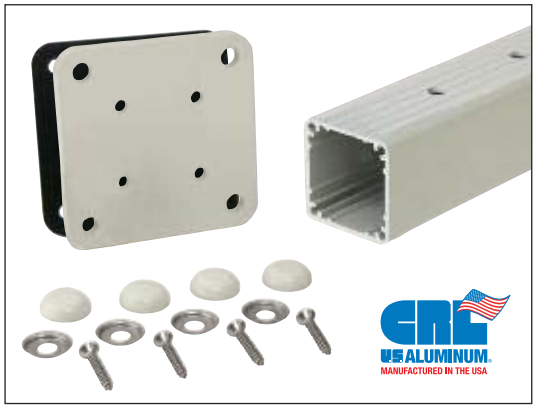
CRL Surface Mount Cable End Post Kits for 200, 300, 350, and 400 Series Rails

MORE INFORMATION crlaurence.com

- End Post Kits Prepped for 1/8" (3 mm) Cable Tensioning Receiver Ends or Push-Lock Ends
- 2-3/8" (60 mm) Square in Two Standard Post Heights
- Complete With Base Plate, Moisture Barrier Gasket, Stainless Washers, Screws and Bolt Cover Buttons
- Seven Standard Colors, Plus Mill Aluminum
- Custom Sizes and Hole Locations Also Available

CRL Surface Mount Cable End Post Kits come complete with Base Plate (BP5), Moisture Barrier Gasket (BPG1BL), Stainless Steel Washers (WSHR1), and Color Match Bolt Cover Buttons (BTN1). Standard Post Kits are available in your choice of two heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

Standard Kits Include:



STANDARD COLORS

NOTE: Cable Grommets sold separately (see page HR179)



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

CAT. NO.*	DESCRIPTION	CABLE HOLES
P36TK	36" (914 mm) Tall Cable Receiver Post Kit Prepped for Tensioning Receiver End	11
P36PK	36" (914 mm) Tall Cable Receiver Post Kit Prepped for Pull Lock End	11
P42TK	42" (1066 mm) Tall Cable Receiver Post Kit Prepped for Tensioning Receiver End	13
P42PK	42" (1066 mm) Tall Cable Receiver Post Kit Prepped for Pull Lock End	13

Minimum order: 1 each. * Specify powder coat color or mill aluminum when ordering. Posts can be trimmed in the field to compensate for uneven surfaces.



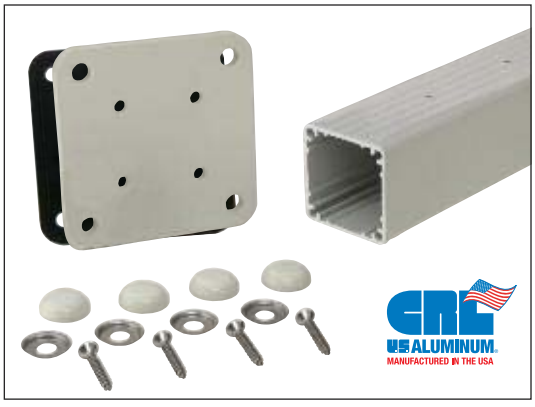
3" (76 mm) Center-to-Center Cable Spacing for Tensioning Receivers and Pull Lock Ends

CRL Surface Mount Cable Center Post Kits for 200, 300, 350, and 400 Series Rails

- Center Post Kits Prepped for 1/8" (3 mm) Cable
- 2-3/8" (60 mm) Square in Two Standard Post Heights
- Complete With Base Plate, Moisture Barrier Gasket, Stainless Washers, Screws, and Bolt Cover Buttons
- Seven Standard Colors, Plus Mill Aluminum
- Custom Sizes and Hole Locations Also Available

CRL Surface Mount Cable Center Post Kits come complete with Base Plate (BP5), Moisture Barrier Gasket (BPG1BL), Stainless Steel Washers (WSHR1), and Color Match Bolt Cover Buttons (BTN1). Standard Post Kits are available in your choice of two heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

Standard Kits Include:



STANDARD COLORS

NOTE: Cable Grommets sold separately (see page HR179)



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

CAT. NO.*	DESCRIPTION	CABLE HOLES
P36CK	36" (914 mm) Tall Cable Center Post Kit	11
P42CK	42" (1066 mm) Tall Cable Center Post Kit	13

Minimum order: 1 each. * Specify powder coat color or mill aluminum when ordering.
Posts can be trimmed in the field to compensate for uneven surfaces.



3" (76 mm) Center-to-Center Cable Spacing with 3/16" (5 mm) Diameter Holes for 1/8" (3 mm) Cable

CRL ARS Stainless Steel Cable Infills

MORE INFORMATION
crlaurence.com

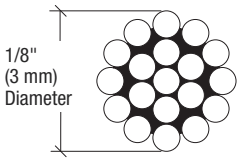
- **Stainless Cable Infills are the Perfect Choice for Stairways and Decks When View is Important**





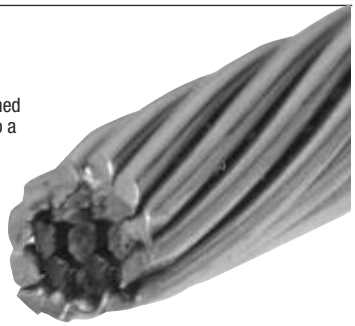
CRL 1/8" Stainless Steel Cable

- **For Use With All CRL Aluminum Railing Systems**
- **1/8" (3 mm) Diameter 1 x 19 Type 316 Stainless Steel Cable**
- **Uncoated and Low Maintenance**



CRL Stainless Steel Cable is designed with 19 separate wires twisted into a single strand.

Go to **crlaurence.com/cable** for Cable Installation Tools



CRL Stainless Steel Cable is an infill option for any of our railing systems. Recommended spacing between cables is 3" (76 mm) center-to-center. The 1 x 19 construction Cable is engineered to hold static loads without stretching, and is relatively stiff. Order Cable in rolls, pre-cut kits with hardware, or we can custom cut it to your required length (see below).

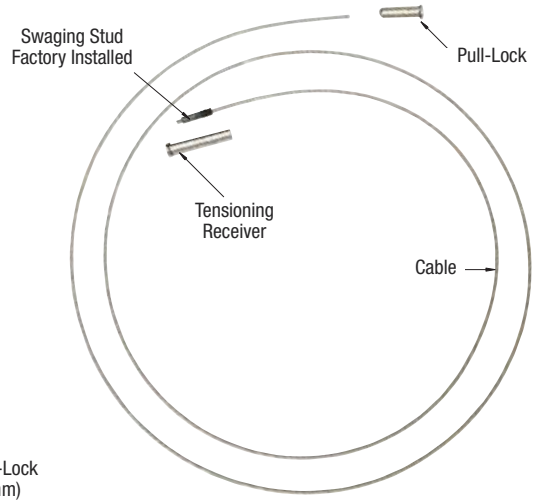
CAT. NO.	ROLL LENGTH
CBL18	250' (76.2 m)

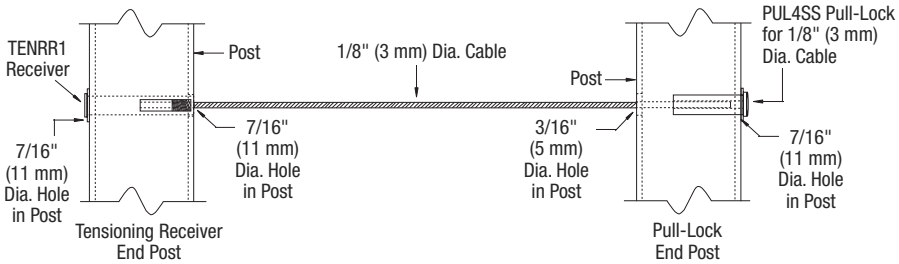
Minimum order: 1 roll.

CRL 1/8" Pre-Cut Stainless Steel Cable Kits

- **Four Pre-Cut Lengths, as Well as Custom Lengths**
- **Factory Installed Swaging Stud**
- **No Special Equipment Required for Installation**

CRL Pre-Cut Stainless Steel Cable Kits are offered in four standard lengths to make the install go easy. Included with each kit; one pre-cut 1/8" (3 mm) diameter 1 x 19 Type 316 Stainless Steel Cable, one Cat. No. SWGST1 Swaging Stud factory installed on the Cable, one Cat. No. TENRR1 Tensioning Receiver, and one Cat. No. PUL4SS Pull-Lock. Recommended maximum spacing between cables is 3" (76 mm) center-to-center. The 1 x 19 Cable is engineered to hold static loads without stretching, and is relatively stiff. The maximum cable run is 50' (15.2 m). Post spacing not to exceed 42" (1.06 m) on center.



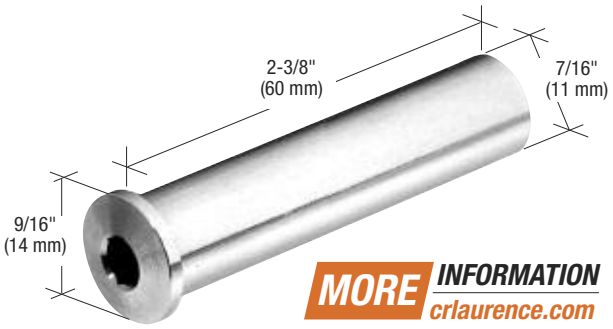


CAT. NO.	LENGTH
CBL188K	8' (2.4 m)
CBL1818K	18' (5.5 m)
CBL1836K	36' (10.9 m)
CBL1851K	51' (15.5 m)
CBL18KC	*Custom Length

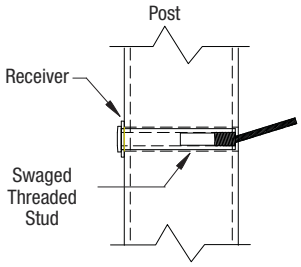
Minimum order: 1 each. * Must specify custom length at time of order.

CRL Tensioning Receiver

- Allows 1/8" (3 mm) Cable to Be Adjusted Between Spans
- Mounts to Aluminum, Wood or Stainless Steel Posts
- Type 316 Stainless Steel

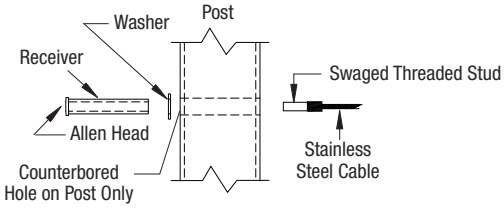


MORE INFORMATION crlaurence.com



The Receiver can be used in a horizontal position on stair end posts that have a pitch up to 35 degrees. This eliminates the need to bore hardware holes at an angle on stair runs.

The CRL Tension Receiver is a tensioning device hidden inside the end post, with only the head of the Receiver exposed on the outside of the post. It allows the 1/8" (3 mm) Stainless Steel Cable to be adjusted between spans. The inside is female-threaded to accept the male-threaded Cat. No. SWGST1 Swaging Stud Fitting that is attached to the cable. Requires 3/16" hex wrench to fasten.

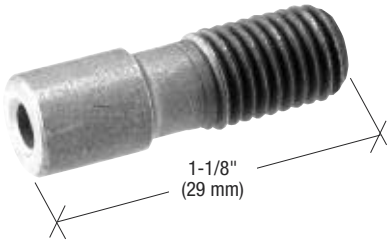


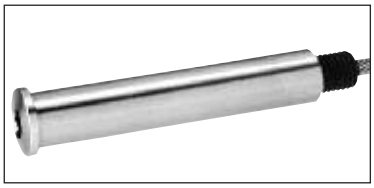
CAT. NO.	FITS CABLE DIAMETER
TENRR1	1/8" (3 mm)

Minimum order: 1 each.

CRL Swaging Stud Fitting

- Secures Our 1/8" (3 mm) 1 x 19 Type 316 Stainless Steel Cable
- Designed for Aluminum, Wood or Stainless Steel Post Applications





Threads into Cat. No. TENRR1 Tensioning Receiver

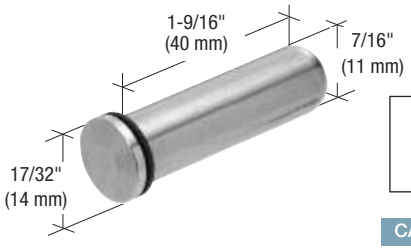
Swaged on the end of the Stainless Steel Cable, this part is used with the Cat. No. TENRR1 Tensioning Receiver. When installed, it is completely hidden inside the Fitting so you will never see any unattractive swaging marks. The threaded surface is coated with a baked-on, molybdenum based dry film lubricant to prevent the threads from galling when tensioned and in extreme environments. Only for use with 1/8" (3 mm) diameter Cable. **NOTE:** Cat. No. CBLS1K Cable Swager Tool Kit (sold separately) is required for installation.

CAT. NO.	FITS CABLE DIAMETER
SWGST1	1/8" (3 mm)

Minimum order: 1 each.

CRL Push-Lock Fitting

- For Use With Our 1/8" (3 mm) 1 x 19 Type 316 Stainless Steel Cable





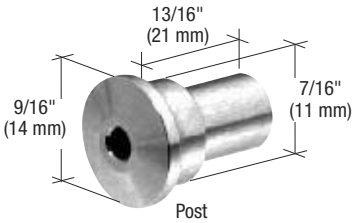
The CRL Push-Lock Fitting is designed to be used on 1/8" (3 mm) Cable. When used with an end post 1-1/2" (38 mm) or more in thickness, the Push-Lock Fitting with a rounded head is hidden inside the end post, with only the head exposed on the outside of the post. A plastic washer is included and acts as a scratch resistant barrier between the Push-Lock Fitting and post.

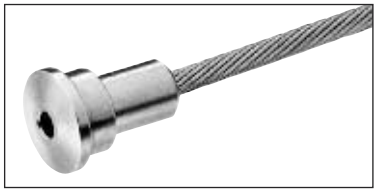
CAT. NO.	FITS CABLE DIAMETER
PL4SS	1/8" (3 mm)

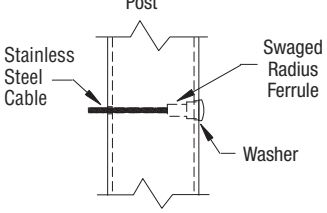
Minimum order: 1 each.

CRL Ferrule Fitting

- For Use on Fixed, Non-Tensioning End of Our 1/8" (3 mm) 1 x 19 Type 316 Stainless Steel Cable
- Mounts to Aluminum, Wood or Stainless Steel Posts







When installed, the Ferrule Fitting is hidden inside the end post, with only the head exposed on the outside of the post. After it's installed, it looks the same as the Tensioning Receiver. Only for use with 1/8" (3 mm) diameter Cable. **NOTE:** Cat. No. CBLS1K Cable Swager Tool Kit (sold separately) is required for installation.

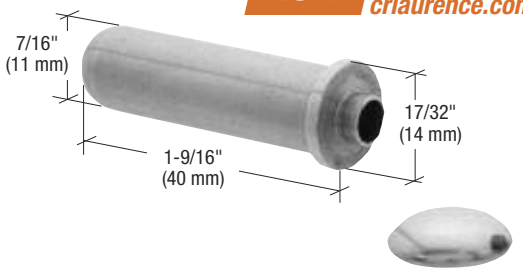
CAT. NO.	FITS CABLE DIAMETER
FXFRL1	1/8" (3 mm)

Minimum order: 1 each.

CRL Ultra-tec® Pull-Lock Cable Fittings

- No Special Field Swaging Equipment Required
- Pull-Lock Fittings Make Installing Cable Easy
- For Use With CRL's 200, 300, 350, and 400 Series Aluminum Rails
- Can Also Be Used With Metal and Wood Products
- 316 Grade Stainless Steel

MORE INFORMATION crlaurence.com









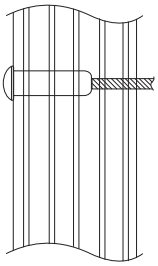
CRL Ultra-tec® now offers a cable system that can be installed by hand. No special tools or swaging equipment required. Just tension the cables and cut the excess cable off the back side of the fitting using a Right Angle Grinder or Cutting Wheel. Press on the Stainless Steel Cap to cover the cable's end and you are done.

CAT. NO.	GRADE	FITS CABLE DIAMETER
PUL4SS	316	1/8" (3 mm)

Minimum order: 1 each.



CAT. NO. PLCAP
Replacement Cap for PUL4SS Pull Lock



CRL Cable Release Tool





This innovative tool allows the release of cable from Push Lock and Pull Lock type fittings before cables are tensioned.

CAT. NO.	FITS CABLE DIAMETER
PLKEY	1/8" (3 mm)

Minimum order: 1 each.

CRL Grommet Installation Tool Kit



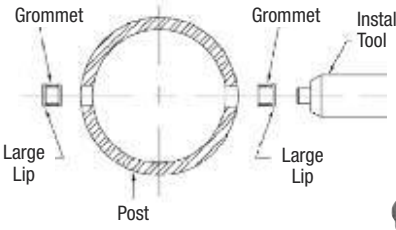
If Cable Grommets are required, CRL's Grommet Installation Tool Kit is needed for proper alignment and installation. Simply place grommet over hole, insert tool and tap lightly with a hammer.

CAT. NO.	FITS CABLE GROMMETS
CBLGTK1	CBLG4/CBLG5

Minimum order: 1 each.

CRL Cable Grommets

- Grommets Help Prevent Rust in Exterior Applications
- For Use With 1/8" (3 mm) Diameter Cable
- Designed for Square, Round, or Rectangular Posts With .120" Wall Thickness
- Made From Black UV Resistant Delrin



Use CRL CBLGTK1 Grommet Installation Tool Kit for Installation (Sold Separately, See Above)



CAT. NO.	DESCRIPTION	FITS CABLE DIAMETER
CBLG4	Grommets for Level Rails	1/8" (3 mm)
CBLG5	Grommets for Stairway Rails	1/8" (3 mm)

Minimum order: 100 each.

Cable Grommets provide a barrier between the cable and the powder coated post surface to help prevent rusting in exterior applications. The Grommets are installed when the cable is pulled through the drilled hole locations in the posts. For stairway or ramp conditions Cable Grommets are manufactured to support a pitch of up to 37 degrees.

Ultra-tec is a registered trademark of The Cable Connection Corp.

CRL Standard 4" x 4" Square Surface Mount Post Kits

- Square Posts Designed to Work With Our 100, 200, 300, 350, and 400 Series Components
- Can Be Used for Centers, Ends or 90 Degree Corner Posts
- Kits Available in Three Different Heights
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

CRL Standard 4" x 4" (102 x 102 mm) Aluminum Post Kits come complete with Base Plate (BP6), Moisture Barrier Gasket (BPG3BL), Base Plate Screws (BPS112), Stainless Steel Washers (WSHR1), Color Match Bolt Cover Buttons (BTN1), and Post Cap (PC4). See page HR170 for Anchors or Lag Bolts for mounting to the substrate. Post Kits are available in your choice of three heights and seven attractive colors, plus mill aluminum. Custom heights and colors are also available.

CAT. NO.*	DESCRIPTION	HEIGHT
4P36K	36" Post Kit	37" (940 mm)
4P42K	42" Post Kit	43" (1092 mm)
4P48K	48" Post Kit	49" (1244 mm)

Minimum order 1 each. * Specify powder coat color when ordering.

Standard Kits Include:



Post, Top Cap, Base Plate, Moisture Barrier Gasket, Screws, Stainless Washers, and Bolt Cover Buttons



STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

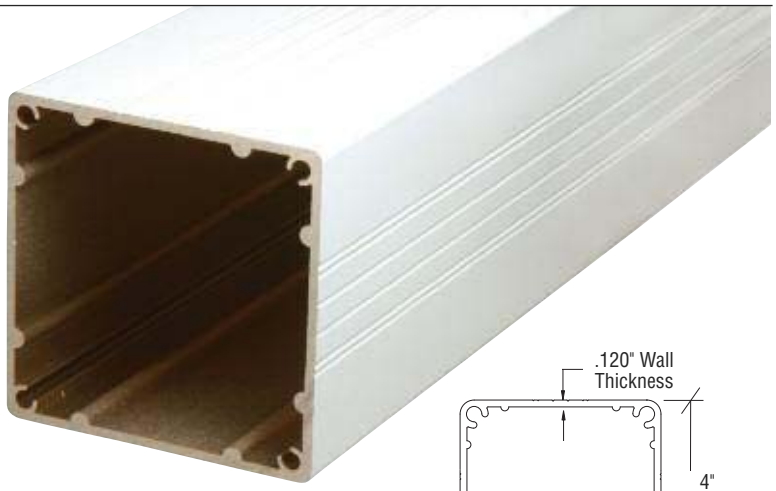
CRL Standard 4" x 4" Square Posts Only

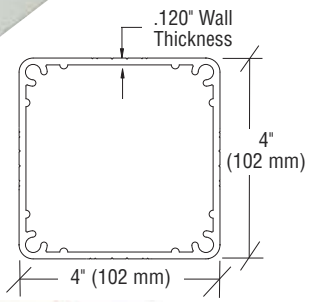
- Square Posts Designed to Work With Our 100, 200, 300, 350, and 400 Series Components
- Can Be Used to Construct Centers, Ends or 90 Degree Corner Posts
- Seven Attractive Colors, Plus Mill Aluminum Available From Stock
- Custom Powder Coat Colors Also Available

CRL Standard 4" x 4" (102 x 102 mm) Aluminum Square Posts are available in your choice of three heights and seven attractive colors. Custom heights and colors are also available. You can also order our 20'-1" (6.12 m) stock length to cut posts of any height required. Posts are designed to mount onto concrete, wood, steel, and other substrates.

CAT. NO.*	DESCRIPTION	HEIGHT/LENGTH
4P36	36" Post	37" (940 mm)
4P42	42" Post	43" (1092 mm)
4P48	48" Post	49" (1244 mm)
4P241#	20'-1" Stock Length	241" (6.12 m)

Minimum order 1 each. * Specify powder coat color when ordering.
Must ship common carrier.





MORE INFORMATION
crlaurence.com

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

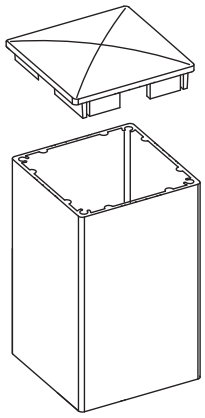
CRL US ALUMINUM

CRL Standard 4" x 4" Post Caps

- Seven Standard Colors, Plus Mill Aluminum
- Easy to Install
- For Decorative Caps See Page HR246

MORE CHOICES crlaurence.com





CAT. NO.	COLOR
PC4W	Sky White
PC40W	Oyster White
PC4AGY	Agate Gray
PC4BGY	Beige Gray
PC4BL	Matte Black
PC4BRZ	Matte Bronze
PC4S	Silver Metallic
PC4CRM	Mill Aluminum

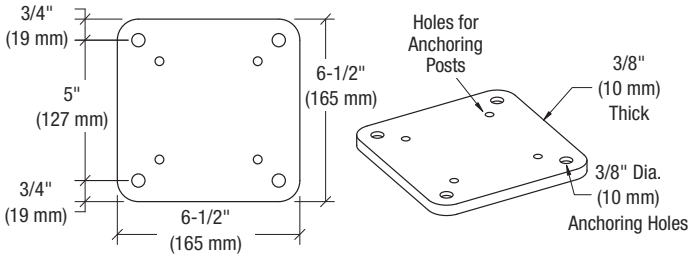
Minimum order: 1 each.

CRL 4" x 4" (102 x 102 mm) Aluminum Post Caps are designed to fit our Standard 4" x 4" Posts. They protect the exposed top edge from weather and debris. Caps install easily with CRL 95C Silicone (see page HR048).

CRL 6-1/2" Square Base Plates

- For Use With Our 4" x 4" (102 x 102 mm) Vertical Posts

This Square Base Plate screws into our 4" x 4" (102 x 102 mm) Vertical Post, and is countersunk to accept four Cat. No. BPS112 Base Plate Screws (shown below). Attach to substrate with Concrete Anchors or Lag Bolts (see page HR170). Use Stainless Steel Washers (WSHR1) and Color Match Bolt Cover Buttons (BTN1) to add a finished look. One each Cat. No. BPG3BL Moisture Barrier Gasket is included with each Base Plate.



CAT. NO.	COLOR
BP6W	Sky White
BP60W	Oyster White
BP6AGY	Agate Gray
BP6BGY	Beige Gray
BP6BL	Matte Black
BP6BRZ	Matte Bronze
BP6S	Silver Metallic
BP6CRM	Mill Aluminum

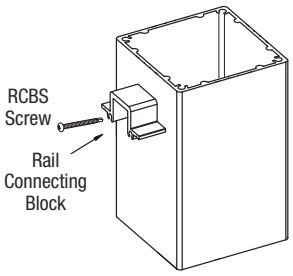
Minimum order: 1 each.

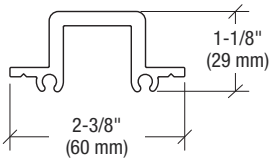


CRL Standard Post Rail Connecting Blocks

- To Connect Top Rails to Vertical Posts







Use CRL Rail Connecting Blocks to connect the 200, 300, 350 or 400 Series Top Rails to a 4" x 4" (102 x 102 mm) Vertical Post or a wall. Screw Block into index grooves on post using Cat. No. RCBS Rail Connecting Block Screws (see page HR164). Miter cut the 12" (305 mm) or 241" (6.12 mm) lengths when building stairs, slopes, and angles. All Connecting Blocks are extruded aluminum with a weather-resistant chromate finish.

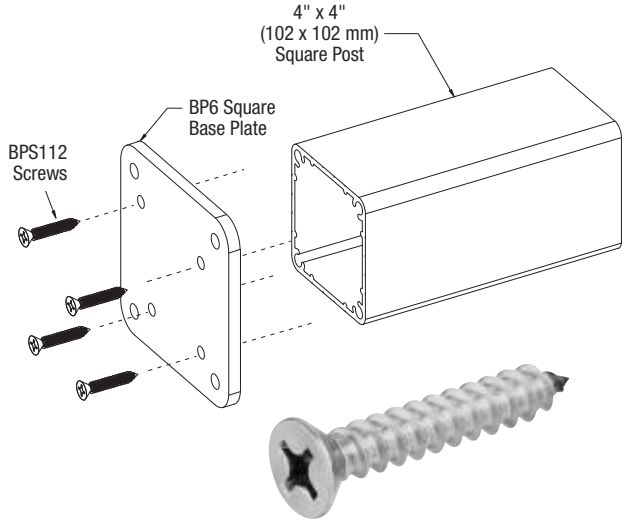
CAT. NO.	LENGTH
RCB4	1" (25 mm)
RCB412	12" (305 mm)
RCB4241#	241" (6.12 m)

Minimum order: 1 each. # Must ship common carrier.

CRL Base Plate Screws

- Stainless Steel Screws for Use With All Square Base Plates

The CRL Base Plate Screw is designed to secure Base Plates into the screw race of Vertical Posts. Phillips Head Screw fits flush beneath the Base Plate.



CAT. NO.	DESCRIPTION	SIZE
BPS112	Base Plate Screw	#14 x 1-1/2" (38 mm)

Minimum order: 50 each. Must be ordered in increments of 50.

CRL 1-1/2" Diameter Quick Connect Hand Rail System

- Designed for Exterior and Interior Stairway and Handicap Ramp Areas
- Meets and Exceeds A.D.A. Requirements
- Seven Standard Powder Coated Finishes, Plus Mill Aluminum
- 6005 Alloy Aluminum/T5 Temper
- Easy to Install



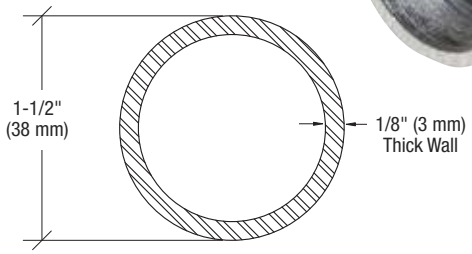
CRL's Quick Connect Hand Rail System is designed for stairways, handicap ramps, and any areas that require hand rails. This system can used with any of CRL's ARS Aluminum Railing Systems and can be custom powder coated to match job specific requirements. Designed for exterior and interior applications and offered in seven standard colors, plus mill aluminum, this hand rail system will save you labor during installation and give you a great look when building codes require a hand rail.

CRL Quick Connect 1-1/2" Diameter Aluminum Hand Rail Tubing

MORE INFORMATION crlaurence.com

- Seven Standard Powder Coated Finishes, Plus Mill Aluminum
- 20'-1" (6.12 m) Long Stock Lengths
- 6005 Alloy Aluminum/T5 Temper







CRL's 1-1/2" (38 mm) Diameter Hand Rail Tubing is sold in 20'-1" (6.12 m) lengths and is available in seven standard powder coated finishes, plus mill aluminum. Custom finishes, lengths, and special fabrication is also available. For Corners and Hand Rail Returns go to **crlaurence.com/ars**.

CAT. NO.	COLOR
ARHR15W	Sky White
ARHR150W	Oyster White
ARHR15AGY	Agate Gray
ARHR15BGY	Beige Gray
ARHR15BL	Matte Black
ARHR15BRZ	Matte Bronze
ARHR15S	Silver Metallic
ARHR15CRM	Mill Aluminum

Minimum order: 1 each. Must ship via common carrier.

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

CRL Quick Connect Corners and Hand Rail Returns

- Welded and Finished, Ready to Install
- Custom Angles Also Available



For more information on Corners and Hand Rail Returns go to **crlaurence.com/ars**.

CRL Quick Connect Aluminum Hand Rail Bracket

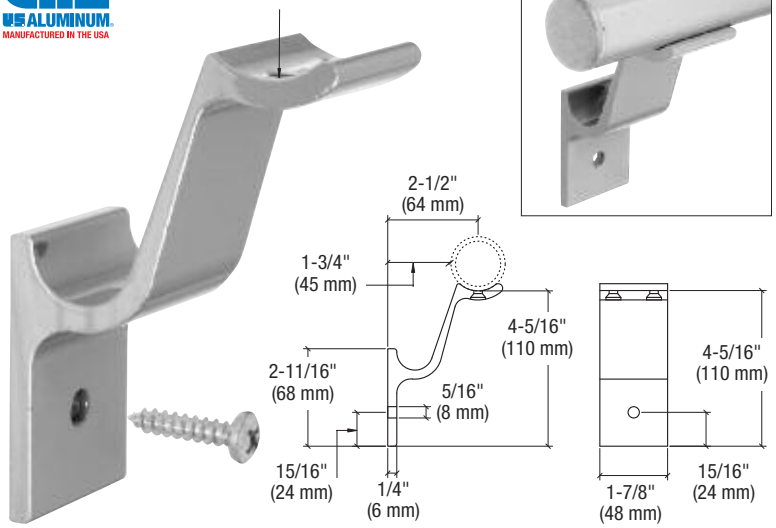
- Seven Standard Powder Coated Finishes, Plus Mill Aluminum
- Shaped for 1-1/2" (38 mm) Hand Rail Tubing
- 6005 Alloy Aluminum/T5 Temper
- Ready to Install

CRL Quick Connect Aluminum Hand Rail Brackets are available in seven standard colors for 1-1/2" (38 mm) diameter hand rail tubing. Brackets are individually packed with one #14 x 3/4" (19 mm) self drilling stainless steel attachment screw.

CAT. NO.	COLOR
ARHB1W	Sky White
ARHB10W	Oyster White
ARHB1AGY	Agate Gray
ARHB1BGY	Beige Gray
ARHB1BL	Matte Black
ARHB1BRZ	Matte Bronze
ARHB1S	Silver Metallic
ARHB1CRM	Mill Aluminum

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

PRS1032 Fasteners Sold Separately
See Page HR278



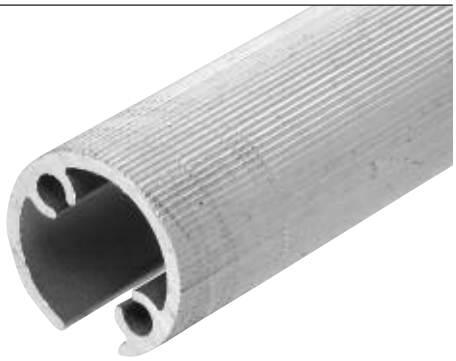
CRL Quick Connect Stabilizing Aluminum Sleeves

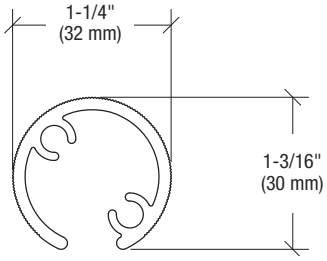
- Used to Stabilize End Sections of 1-1/2" (38 mm) Hand Rail Diameter Tubing
- Provides Proper Alignment at Splices
- 6005 Alloy Aluminum/T5 Temper

CRL Quick Connect Sleeves are used to connect and provide proper alignment between railing splices. You can also use these as Stabilizing Sleeves to terminate a hand rail into a wall or post by anchoring the aluminum sleeve prior to sleeving the hand rail into place. Use CRL Cat. No. RCBS #10 x 2" (51 mm) screws for wall mount conditions. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR080) is required to achieve a secure and permanent bond.

CAT. NO.*	MATERIAL	SIZE
RCB3	Mill Aluminum	1" (25 mm)
RCB36	Mill Aluminum	6" (152 mm)
RCB3241#	Mill Aluminum	241" (6.12 m)

Minimum order: 1 each. All Railing Connectors can be combined for quantity pricing. # Must ship via common carrier.





MORE INFORMATION
crlaurence.com

CRL Quick Connect Color Match End Cap

- Seven Standard Colors Available, Plus Mill Aluminum
- For Use With 1-1/2" (38 mm) Diameter Tubing
- 6005 Alloy Aluminum/T5 Temper
- Snap-On Fit

CRL Color Match End Caps are designed to easily pressure fit into the ends of our 1-1/2" (38 mm) diameter Hand Rail Tubing. No silicone or contact cement is required during installation.

CAT. NO.	COLOR
AR1ECW	Sky White
AR1EC0W	Oyster White
AR1ECAGY	Agate Gray
AR1ECBGY	Beige Gray
AR1ECBL	Matte Black
AR1ECBRZ	Matte Bronze
AR1ECS	Silver Metallic
AR1ECCRM	Mill Aluminum

Minimum order: 1 each.



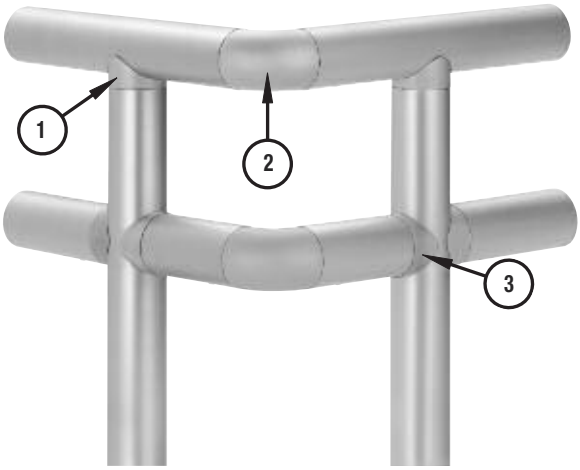
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Aluminum Component Railing System (ACRS)

- Combines the Clean Look of Welded Railings With the Benefits of Mechanical Systems
- Designed to Meet Most Building Codes
- Corrosion Resistant Satin Anodized Finish
- Custom Powder Coat Finishes Also Available
- Pre-Fabricated Systems Available by Special Order
- Component Selection Assistance Available to Make Ordering Simple

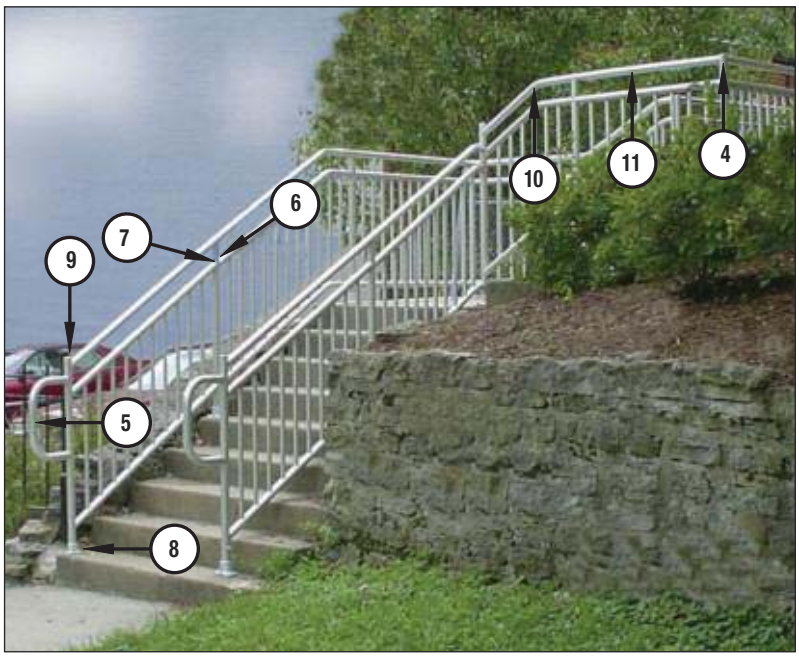
The CRL Aluminum Component Railing System (ACRS) utilizes 1-1/2" Schedule 40 Aluminum Pipe with a 1.9" (48 mm) outside diameter and .145" (4 mm) wall thickness. We offer a wide selection of component fittings to allow the installer the freedom and ability to create an attractive aluminum railing system without the need of costly welding and refinishing.

There are three easy ways to order: individual components; pre-assembled posts with individual components and stock lengths for field fabrication of the horizontal runs; and complete pre-fabricated systems that are cut to your specifications and ready to install. For a complete listing of all component parts go to **crlaurence.com/acrs**.





For Use With HR19SA
Satin Anodized Tubing
(See opposite page)



ACRS Post Railing Components Used in the Typical Installation Shown Above

①	**A19STA**	Straight Tee Adaptor - Page HR186
②	**A1990E**	90 Degree Elbow - Page HR185
③	**A19CA**	Cross Adaptors - Page HR186
④	**A19CPA**	Corner Post Adaptor - Page HR186
⑤	**A19EL**	End Loop - Page HR185
⑥	**A190T32**	Obtuse Angled Tee Adaptor - Page HR186
⑦	**A19AT32**	Acute Angled Tee Adaptor - Page HR186
⑧	**A19FF**	Floor Flange - Page HR188
⑨	**A19FEC**	End Cap - Page HR185
⑩	**A19ABN32**	Tangent Bend - Page HR187
⑪	**A19SC**	Splice Coupling - Page HR187

NOTE: Consult local buildings codes. Infills may be required in certain applications. See pages HR102 to HR109 for our complete line of Z-Series Glass Clamps to facilitate your needs.

Component Railing System Assistance

MORE INFORMATION crlaurence.com

Component selection assistance is available from CRL Technical Sales. Allow our Railing Specialists to help you choose the right number and style of components to finish your planned installation with a minimum of waste.



Call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

CRL ACRS Hand Rail Tubing

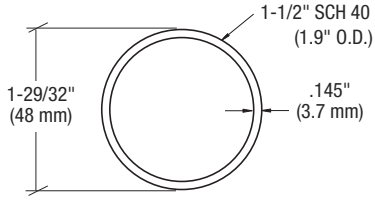
- Ready to Install
- Satin Anodized Finish
- Requires End Caps, Splice Couplings, or Adaptors (Not Included)

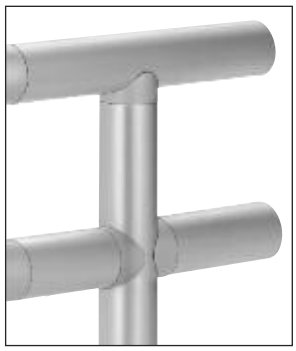
CRL ACRS Hand Rail Tubing is formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splices and end caps. Wall thickness is .145" (3.7 mm).

CAT. NO.	FINISH	LENGTH
HR19SA	Satin Anodized	240" (6.10 m)

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing.
Must ship common carrier.



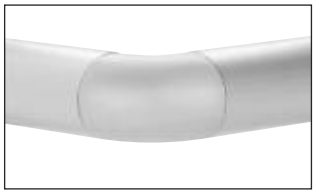




MORE INFORMATION crlaurence.com

CRL ACRS 90 Degree Elbow

- Smooth Radius
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order



CRL ACRS 90 Degree Elbows are used to make smooth radius transitions of Schedule 40 Aluminum Pipe used as ACRS tubing around 90 degree corners.



CAT. NO. A1990E
Minimum order: 1 each

CRL ACRS End Cap

- Ready to Install
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order



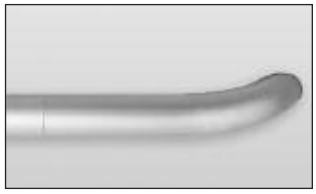
CRL ACRS End Caps are simple to install, just position them over a clean, square cut end of your Schedule 40 Aluminum Pipe used as ACRS tubing and drive them into place using a rubber mallet.



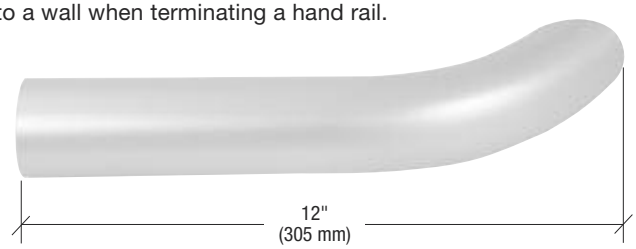
CAT. NO. A19FEC
Minimum order: 1 each

CRL ACRS Wall Return

- Terminates a Hand Rail
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order



The CRL ACRS Wall Return is made from 1-1/2" Schedule 40 Aluminum Pipe and is used to make a smooth radius return back to a wall when terminating a hand rail.

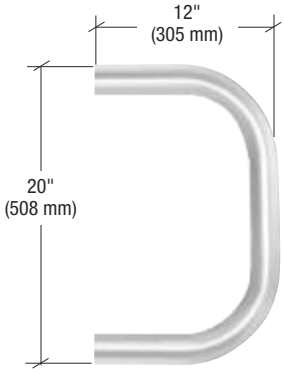


CAT. NO. A19WR
Minimum order: 1 each

CRL ACRS End Loop

- A.D.A. Code Compliant
- Satin Anodized Finish
- Custom Loops Available on Special Order

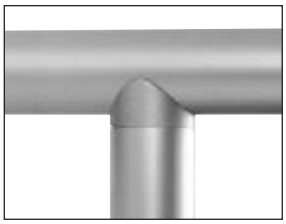




The CRL ACRS End Loop is made from 1-1/2" Schedule 40 Aluminum Pipe and is used to complete A.D.A. Code compliant hand rails at the top or bottom of a stair or ramp.

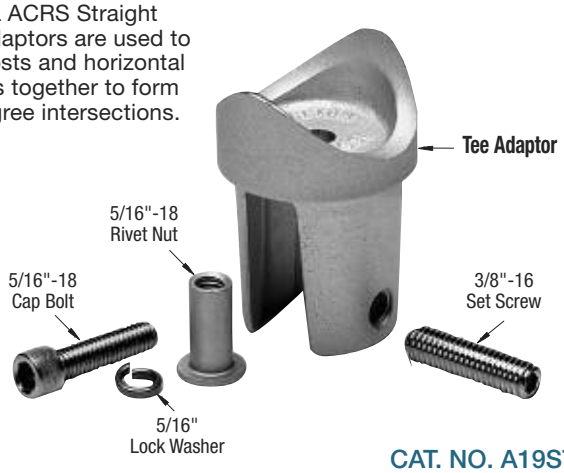
CAT. NO. A19EL
Minimum order: 1 each

CRL ACRS Straight Tee Adaptor



- Ready to Install
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order

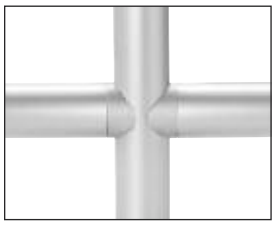
CRL ACRS Straight Tee Adaptors are used to join posts and horizontal railings together to form 90 degree intersections.



CAT. NO. A19STA
Minimum order: 1 each

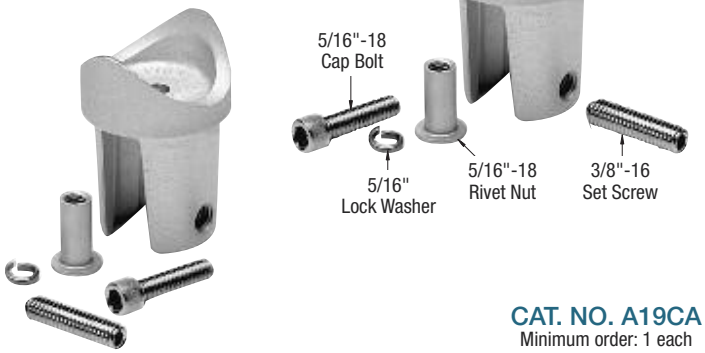
CRL ACRS Cross Adaptors

MORE INFORMATION crlaurence.com



- Ready to Install
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order

CRL ACRS Cross Adaptors are used to join posts and horizontal railings together to form four-way intersections from 145 to 180 degrees.



CAT. NO. A19CA
Minimum order: 1 each

CRL ACRS Corner Post Adaptor



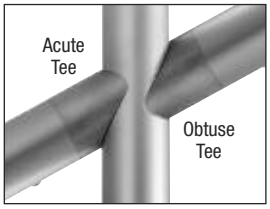
- Ready to Install
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order

CRL ACRS Corner Post Adaptors are used to join posts and horizontal railings together to form 90 degree corners.



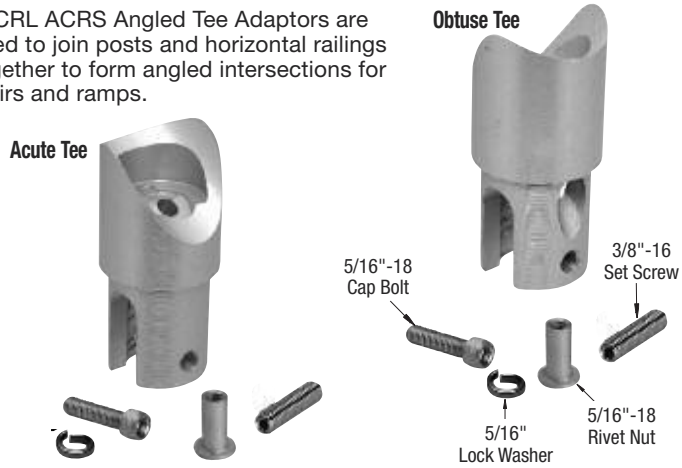
CAT. NO. A19CPA
Minimum order: 1 each

CRL ACRS Angled Tee Adaptors



- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order

CRL ACRS Angled Tee Adaptors are used to join posts and horizontal railings together to form angled intersections for stairs and ramps.



CAT. NO. ACUTE TEE	CAT. NO. OBTUSE TEE	ANGLE
A19AT5	A190T5	5 Degrees
A19AT29	A190T29	29 Degrees
A19AT32	A190T32	32 Degrees

Minimum order: 1 each. All ACRS Adaptors can be combined for quantity pricing.

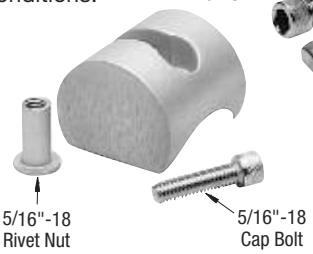
CRL ACRS Upper Adjustable Tee Adaptors



- Ready to Install
- Adjusts From 10 to 42 Degrees
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order

CRL ACRS Upper Adjustable Tee Adaptors are used to join posts and horizontal railings together at varying angles for non-standard stair and ramp conditions.



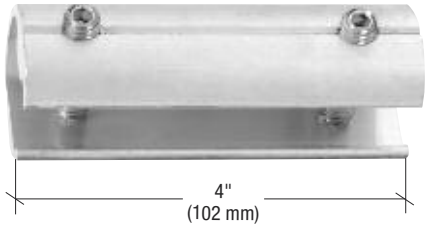


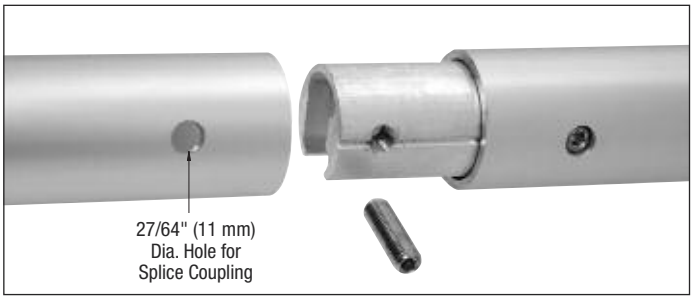
CAT. NO. A19UAT
Minimum order: 1 each

CRL ACRS Splice Coupling

- Easy Installation for a Strong and Secure Splice Joint

The CRL ACRS Splice Coupling is designed for use with 1-1/2" Schedule 40 Aluminum Pipe. Two 27/64" (11 mm) holes need to be drilled in the pipe to access the set screws to create a strong and secure splice joint. Set screws included.





MORE INFORMATION crlaurence.com

CAT. NO. A19SC
Minimum order: 1 each

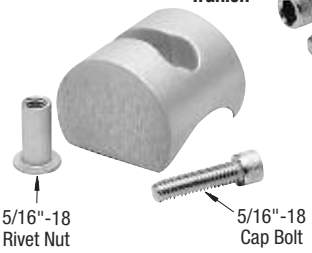
CRL ACRS Lower Adjustable Tee Adaptors



- Ready to Install
- Adjusts From 10 to 42 Degrees
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order

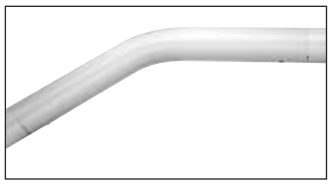
CRL ACRS Lower Adjustable Tee Adaptors are used to join posts and horizontal railings together at varying angles for non-standard stair and ramp conditions.





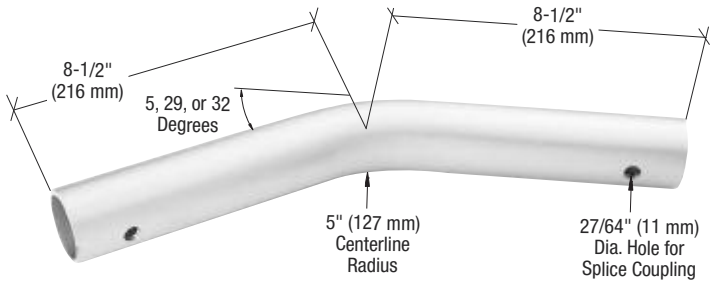
CAT. NO. A19LAT
Minimum order: 1 each

CRL ACRS Tangent Bend



- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order
- Custom Angles Available on Special Order

The CRL ACRS Tangent Bend is used to transition from level to sloped sections of a railing at stairs or ramps.



CAT. NO. ACUTE TEE	CAT. NO. OBTUSE TEE	ANGLE
A19ABN5	A190BN5	5 Degrees
A19ABN29	A190BN29	29 Degrees
A19ABN32	A190BN32	32 Degrees

Minimum order: 1 each. Can be combined for quantity pricing.

CRL ACRS Cover Flange

MORE INFORMATION crlaurence.com

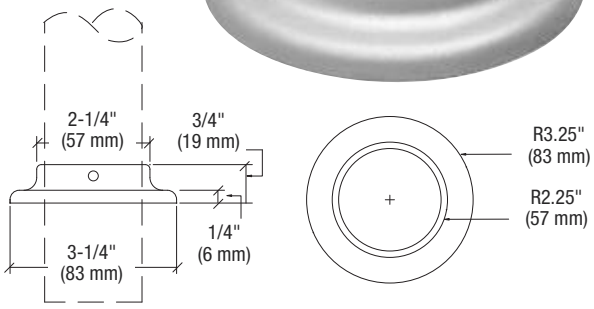
- Ready to Install
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order

The CRL ACRS Cover Flange is used to dress up core mounted installations, and give the project a finished look. It slips onto the 1-1/2" Schedule 40 Aluminum Pipe, and then slides down after installation of the post to cover the ring of grout typically visible on core mount installations.

CAT. NO.	FINISH
A19CVR	Satin Anodized

Minimum order: 1 each.







CRL ACRS Floor Flange

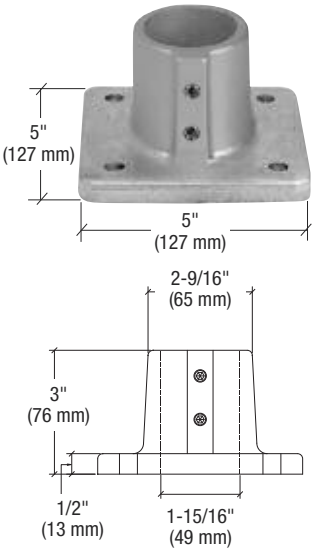
- Two Styles for Flat and Ramp Applications
- Satin Anodized Finish
- Powder Coat Finishes Available on Special Order

When core mounting is not an option, we offer two ACRS Floor Flanges for surface mounting your posts; one for flat applications, and one at 5 degrees for ramps.

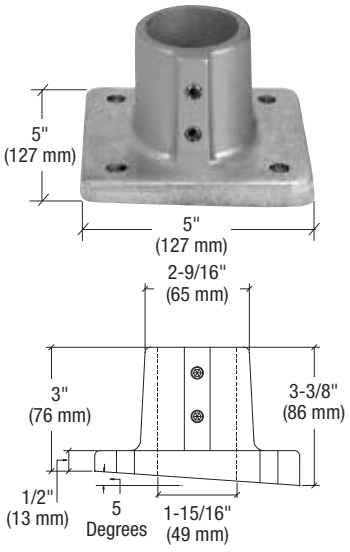
NOTE: Flange mounting fasteners are not supplied. Consult a structural engineer for your specific mounting condition.

CAT. NO.	STYLE	FINISH
A19FF	Level	Satin Anodized
A19RF	Ramp	Satin Anodized

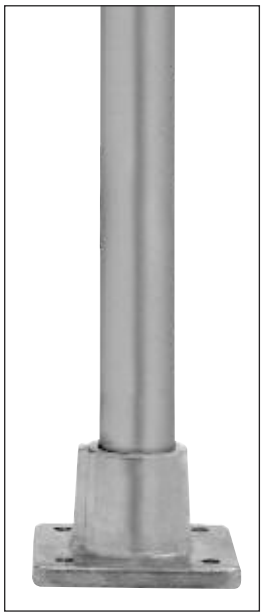
Minimum order: 1 each.



CAT. NO. A19FF



CAT. NO. A19RF



CRL ACRS Drilling Jig

- For Accurate Hole Locations Every Time



Stop Up for Intermediate Connection



Stop Down for End Connection

All CRL ACRS Adaptors and Splice Couplings require accurately drilled access holes in the 1-1/2" Schedule 40 Aluminum Pipe. Use our ACRS Drilling Jig to simplify the process; it's fast and accurate every time. Minimum order is one each.

CAT. NO. A19DJ

Aluminum Component Railing Accessories

Post Mounted Brackets



See pages HR197 to HR206

Z-Series Glass Clamps



See pages HR102 to HR109

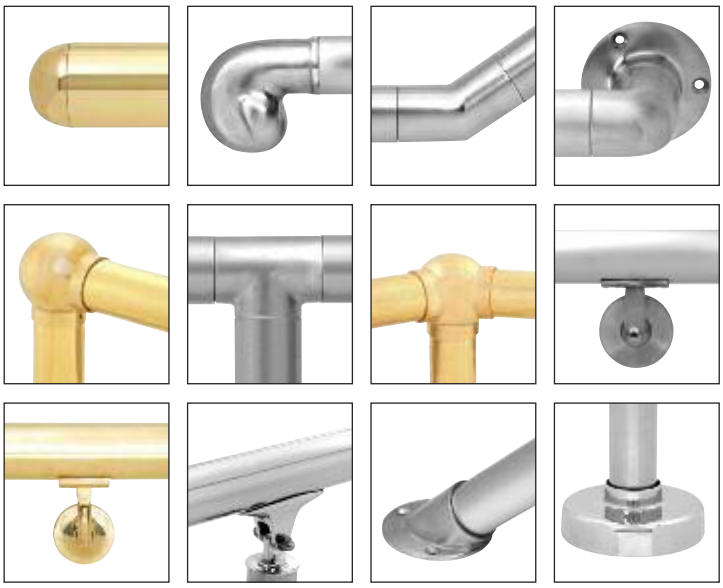
Expanding Cements



See page HR016

CRL HRS Hand Rail Tubing and Components

- **Designed for Commercial and Residential Applications**
- **Utilizes 1-1/2" (38 mm) and 2" (51 mm) Tubing as Well as 1-1/2" Schedule 40 Aluminum Pipe [1.9" (48 mm) Outside Diameter]**
- **Can Be Designed to Meet the Strictest of Building Codes and are A.D.A. Compliant**
- **Complete Selection of Flush and Ball Type Fittings**
- **Easy to Install and Attractively Priced**
- **Select From a Variety of Architectural Finishes**





CRL has developed a line of Hand Rail Tubing and Components to complete our HRS Hand Railing System. Our collection of Corners, Tees, Elbows, Crosses, Flanges, and Brackets will fill the need of most projects. We will also custom fabricate to fit your unique job conditions. CRL Thin Wall Hand Rail Tubing is precision made stainless steel or brass with .050" (1.3 mm) wall thickness. Our Heavy Wall Hand Rail Tubing is made of stainless steel or aluminum with a hefty .145" (3.7 mm) wall for added strength. For complete information on HRS Hand Rails, go to **crlaurence.com/hrs**.

CRL Custom Fabrication and Finishing

MORE INFORMATION crlaurence.com

- **Cutting, Mitering, Drilling, Bending, Welding, Finishing, and Other Services to Create Just the Right Product for the Job**

CRL offers state-of-the-art custom fabrication that can handle the most complex projects you may encounter. By offering cutting, mitering, drilling, bending, welding, finishing, and other services, CRL can save the installer time and labor.

CRL offers many finish options, including anodizing, painting, and powder coating. We operate our own polishing department that can provide straight and spiral sanding, as well as mechanical sanding and polishing.

For additional information, contact CRL Technical Sales at (800) 421-6144 in U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.

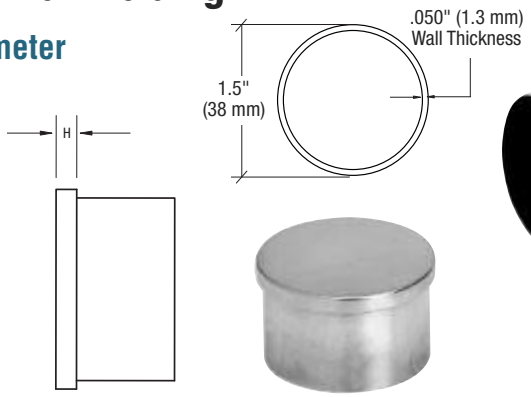




CRL 1-1/2" O.D. Hand Rail Tubing

- 1-1/2" (38 mm) Outside Diameter
- Three Architectural Finishes
- Ready to Install
- Requires End Caps and Connector Sleeves (Sold Separately)

MORE INFORMATION crlaurence.com



HR15F
Flat End Cap



1-1/2" (38 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	LENGTH	USE SLEEVE NO.
HR15BS	304	Brushed Stainless	236" (6.0 m)	GR15CSS
HR15PS	304	Polished Stainless	236" (6.0 m)	GR15CSS
HR15PB	C260	Polished Brass	216" (5.49 m)	GR15CSB

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing. Must ship via common carrier.

FLAT END CAPS FOR HR15 SERIES HAND RAIL TUBING 1-1/2" (38 MM) O.D.

CAT. NO.	GRADE	FINISH	"H"
HR15FBS	304	Brushed Stainless	.156" (4 mm)
HR15FPS	304	Polished Stainless	.156" (4 mm)
HR15FPB	C260	Polished Brass	.156" (4 mm)

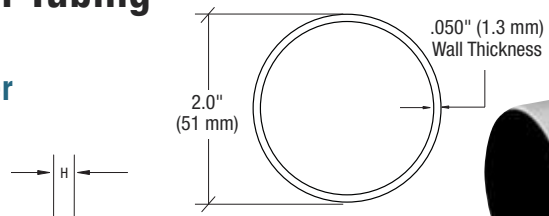
Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

All CRL Hand Railing Tubing is formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splices and end caps. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR217) to achieve a secure and permanent bond at all connections. For Connector Sleeves see page HR193.

Standard stainless alloy is 304. Stainless alloy 316 is available on special order. Standard brass alloy is C260. Contact CRL Technical Sales for more information or a quote. **NOTE:** Tubing is not designed for guard rail posts or top rails.

CRL 2" O.D. Hand Rail Tubing

- 2" (51 mm) Outside Diameter
- Three Architectural Finishes
- Ready to Install
- Requires End Caps and Connector Sleeves (Sold Separately)





HR20F
Flat End Cap



2" (51 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	LENGTH	USE SLEEVE NO.
HR20BS	304	Brushed Stainless	236" (6.0 m)	GR20CSS
HR20PS	304	Polished Stainless	236" (6.0 m)	GR20CSS
HR20PB	C260	Polished Brass	216" (5.49 m)	GR20CSB

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing. Must ship via common carrier.

FLAT END CAPS FOR HR20 SERIES HAND RAIL TUBING 2" (51 MM) O.D.

CAT. NO.	GRADE	FINISH	"H"
HR20FBS	304	Brushed Stainless	.125" (3.2 mm)
HR20FPS	304	Polished Stainless	.125" (3.2 mm)
HR20FPB	C260	Polished Brass	.125" (3.2 mm)

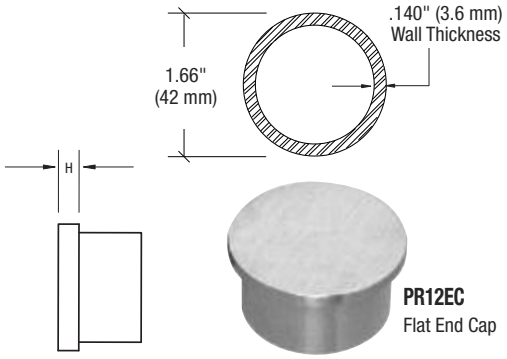
Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

All CRL Hand Railing Tubing is formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splices and end caps. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR217) to achieve a secure and permanent bond at all connections. For Connector Sleeves see page HR193.

Standard stainless alloy is 304. Stainless alloy 316 is available on special order. Standard brass alloy is C260. Contact CRL Technical Sales for more information or a quote. **NOTE:** Tubing is not designed for guard rail posts or top rails.

CRL 1-1/4" Schedule 40 Pipe Rail Tubing

- 1.66" (42 mm) Outside Diameter
- Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas
- Polished or Brushed Stainless Steel Available in Stock Lengths or Custom Fabricated to Your Specifications



PR12EC
Flat End Cap



MORE CHOICES crlaurence.com

1-1/4" SCHEDULE 40 PIPE RAIL TUBING

CAT. NO.	GRADE	FINISH	LENGTH	USE SLEEVE NO.
PR12BS10	304	Brushed Stainless	120" (3.05 m)	PR16CSS
PR12BS20	304	Brushed Stainless	240" (6.10 m)	PR16CSS
PR12PS10	304	Polished Stainless	120" (3.05 m)	PR16CSS
PR12PS20	304	Polished Stainless	240" (6.10 m)	PR16CSS

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing. Must ship via common carrier.

FLAT END CAPS FOR PR12 SERIES SCHEDULE 40 PIPE RAIL TUBING 1.66" (42 MM) O.D.

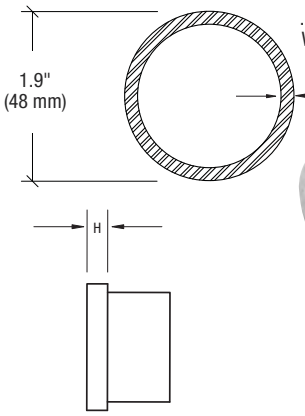
CAT. NO.	GRADE	FINISH	"H"
PR12ECBS	304	Brushed Stainless	.125" (3.2 mm)
PR12ECPS	304	Polished Stainless	.125" (3.2 mm)

Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

CRL's 1-1/4" Schedule 40 Pipe Rail Tubing is designed for guard rail, hand rail, stairway, and handicap ramp areas. Formed using precision tooling to maintain uniform diameters and allowing for smooth hairline transitions at splice and end cap locations. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR217) to achieve a secure and permanent bond at all connections. For Connector Sleeves see page HR193.

CRL 1-1/2" Schedule 40 Pipe Rail Tubing

- 1.9" (48 mm) Outside Diameter
- Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas
- Four Architectural Finishes, Plus Mill Aluminum
- Available in Stock Lengths or Custom Fabricated to Your Specifications









PR15EC Flat End Caps GR19EC

1-1/2" SCHEDULE 40 PIPE RAIL TUBING

CAT. NO.	GRADE	FINISH	LENGTH	USE SLEEVE NO.
PR15BS10	304	Brushed Stainless	120" (3.05 m)	PR19CSS
PR15BS20	304	Brushed Stainless	240" (6.10 m)	PR19CSS
PR15PS10	304	Polished Stainless	120" (3.05 m)	PR19CSS
PR15PS20	304	Polished Stainless	240" (6.10 m)	PR19CSS
HR19M	6063	Mill Aluminum	240" (6.10 m)	GR19CSM
HR19SA	6063	Satin Anodized	240" (6.10 m)	GR19CSM
HR19DU	6063	Dark Bronze Anodized	240" (6.10 m)	GR19CSM

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing. Must ship via common carrier.

FLAT END CAPS FOR PR15 AND HR19 SERIES SCHEDULE 40 PIPE RAIL TUBING 1.9" (48 MM) O.D.

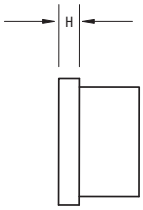
CAT. NO.	GRADE	FINISH	"H"
PR15ECBS	304	Brushed Stainless	.125" (3.2 mm)
PR15ECPS	304	Polished Stainless	.125" (3.2 mm)
GR19ECM	6063	Mill Aluminum	.125" (3.2 mm)
GR19ECSA	6063	Satin Anodized	.125" (3.2 mm)
GR19ECDU	6063	Dark Bronze Anodized	.125" (3.2 mm)

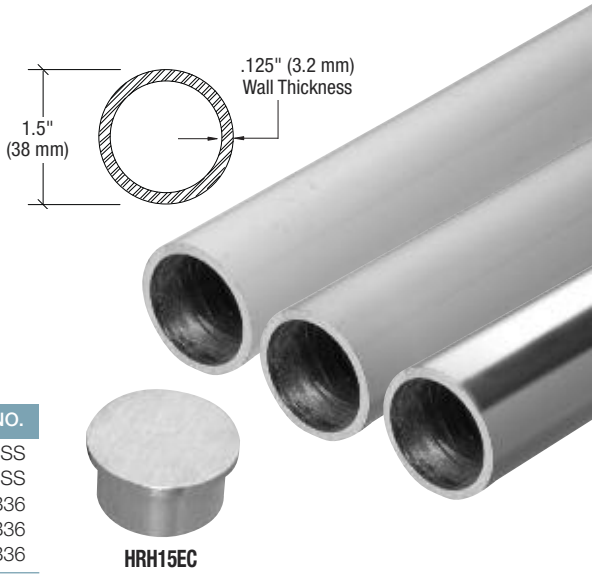
Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

CRL's 1-1/2" Schedule 40 Pipe Rail Tubing is designed for guard rail, hand rail, stairway, and handicap ramp areas. Formed using precision tooling to maintain uniform diameters and allowing for smooth hairline transitions at splice and end cap locations. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR217) to achieve a secure and permanent bond at all connections. For Connector Sleeves see page HR193.

CRL 1-1/2" O.D. Pipe Rail Tubing

- 1-1/2" (38 mm) O.D. Outside Diameter
- Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas
- Stainless Steel or Aluminum Available in Stock Lengths or Custom Fabricated to Your Specifications





HRH15EC

1-1/2" (38 MM) O.D. PIPE RAIL TUBING

CAT. NO.	GRADE	FINISH	LENGTH	USE SLEEVE NO.
HRH15BS	304	Brushed Stainless	240" (6.10 m)	HRH15CSS
HRH15PS	304	Polished Stainless	240" (6.10 m)	HRH15CSS
HRH15M	6063	Mill Aluminum	240" (6.10 m)	RCB36
HRH15SA	6063	Satin Anodized	240" (6.10 m)	RCB36
HRH15DU	6063	Dark Bronze Anodized	240" (6.10 m)	RCB36

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing. Must ship via common carrier.

FLAT END CAPS FOR HRH1S SERIES 1-1/2" PIPE RAIL TUBING (38 MM) O.D.

CAT. NO.	GRADE	FINISH	"H"
HRH15ECBS	304	Brushed Stainless	.125" (3.2 mm)
HRH15ECPS	304	Polished Stainless	.125" (3.2 mm)
HRH15ECM	6063	Mill Aluminum	.125" (3.2 mm)
HRH15ECSA	6063	Satin Anodized	.125" (3.2 mm)
HRH15ECDU	6063	Dark Bronze Anodized	.125" (3.2 mm)

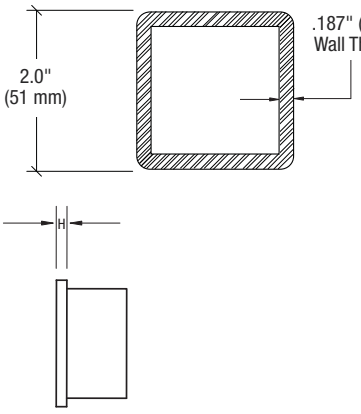
Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

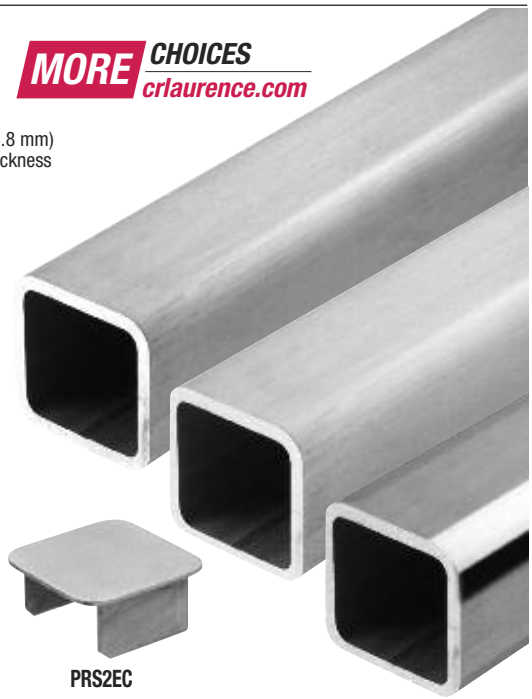
CRL's 1-1/2" O.D. Pipe Rail Tubing is designed for guard rail, hand rail, stairway, and handicap ramp areas. Formed using precision tooling to maintain uniform diameters and allowing for smooth hairline transitions at splice and ends cap locations. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR217) to achieve a secure and permanent bond at all connections. For Connector Sleeves see page HR193.

CRL 2" Square O.D. Pipe Rail Tubing

MORE CHOICES crlaurence.com

- 2" (51 mm) Outside Dimension
- Designed for Guard Rail, Hand Rail, Stairway, and Handicap Ramp Areas
- Available in Polished or Brushed Stainless Steel, Mill or Powder Coated Aluminum
- Available in Stock Lengths or Custom Fabricated to Your Specifications





PRS2EC

2" (51 MM) SQUARE O.D. PIPE RAIL TUBING

CAT. NO.	GRADE	FINISH	LENGTH	USE SLEEVE NO.
PR2BS10	304	Brushed Stainless	120" (3.05 m)	PR20CSS
PR2BS20	304	Brushed Stainless	240" (6.10 m)	PR20CSS
PR2PS10	304	Polished Stainless	120" (3.05 m)	PR20CSS
PR2PS20	304	Polished Stainless	240" (6.10 m)	PR20CSS
PR2M20	6063	Mill Aluminum	240" (6.10 m)	PR20CSM

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing. Must ship via common carrier.

FLAT END CAPS FOR PR2 SERIES PIPE RAIL TUBING 2" (51 MM) SQUARE O.D.

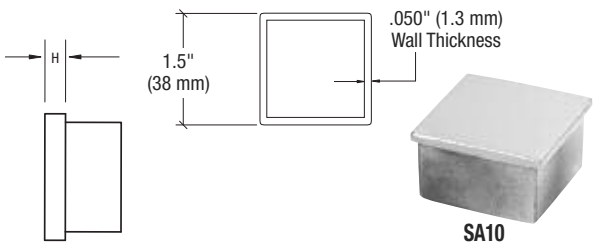
CAT. NO.	GRADE	FINISH	"H"
PRS2ECBS	304	Brushed Stainless	0.62" (1.6 mm)
PRS2ECPS	304	Polished Stainless	0.62" (1.6 mm)
PRS2ECM	6063	Mill Aluminum	0.62" (1.6 mm)

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

CRL's 2" Square Pipe Rail Tubing is designed for guard rail, hand rail, stairway, and handicap ramp areas. Formed using precision tooling to maintain uniform diameters at all four corners for smooth hairline transitions at splice and end cap locations. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR217) to achieve a secure and permanent bond at all connections. For Connector Sleeves see page HR193.

CRL 1-1/2" Square O.D. Hand Rail Tubing

- 1-1/2" (38 mm) Square
- Two Architectural Finishes
- Ready to Install
- Available in Stock Lengths or Custom Fabricated to Your Specifications



SA10
Flat End Cap



1-1/2" (38 MM) SQUARE O.D. HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	WALL THICKNESS	LENGTH	USE SLEEVE NO.
HRS15BS	304	Brushed Stainless	.050" (1.3 mm)	236" (6.0 m)	GRS15CSS
HRS15PS	304	Polished Stainless	.050" (1.3 mm)	236" (6.0 m)	GRS15CSS

Minimum order: 1 each. All Hand Rail Tubing can be combined for quantity pricing. Must ship via common carrier.

FLAT END CAPS FOR HRS15 SERIES HAND RAIL TUBING 1-1/2" (38 MM) SQUARE

CAT. NO.	GRADE	FINISH	"H"
SA10BS	304	Brushed Stainless	.125" (3.2 mm)
SA10PS	304	Polished Stainless	.125" (3.2 mm)

Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

All CRL Hand Railing Tubing is formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splices and end caps. Use our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR217) to achieve a secure and permanent bond at all connections. For Connector Sleeves see below.

Standard stainless alloy is 304. Stainless alloy 316 is available on special order. Contact CRL Technical Sales for more information or a quote. **NOTE:** This Tubing is not designed for guard rail posts or top rails.

CRL Hand Rail and Pipe Rail Connector Sleeves

MORE INFORMATION crlaurence.com

- Provide Proper Alignment Between Railing Splices
- Formed, Shaped to Fit, and Ready to Install

CRL Connector Sleeves are used to connect and provide proper alignment between Hand Rail and Pipe Rail splices. The 5" (127 mm) long Connector Sleeves must be compressed to fit inside the Rail. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR217) is required to achieve a secure and permanent bond at all connections.

CONNECTOR SLEEVE FOR 1-1/4" PIPE RAIL TUBING (.140" WALL THICKNESS)

CAT. NO.	MATERIAL	FOR USE WITH
PR16CSS	Stainless Steel	PR12 Series 1-1/4" Stainless Steel Pipe Rail Tubing

CONNECTOR SLEEVES FOR 1-1/2" DIAMETER TUBING (.050" WALL THICKNESS)

CAT. NO.	MATERIAL	FOR USE WITH
GR15CSS	Stainless Steel	HR15 Series 1-1/2" Stainless Steel Hand Rail Tubing
GR15CSB	Brass	HR15 Series 1-1/2" Brass Hand Rail Tubing
PR19CSS	Stainless Steel	PR15 Series 1-1/2" Schedule 40 Stainless Steel Pipe Rail Tubing

CONNECTOR SLEEVES FOR 1-1/2" O.D. PIPE RAIL TUBING (.125" WALL THICKNESS)

CAT. NO.	MATERIAL	FOR USE WITH
HRH15CSS	Stainless Steel	HRH15 Series 1-1/2" O.D. Stainless Steel Pipe Rail Tubing
RCB36	Mill Aluminum	HRH15 Series 1-1/2" O.D. Aluminum Pipe Rail Tubing

CONNECTOR SLEEVE FOR 1-1/2" SQUARE TUBING (.050" WALL THICKNESS)

CAT. NO.	MATERIAL	FOR USE WITH
GRS15CSS	Stainless Steel	HRS15 Series 1-1/2" Stainless Steel Square Hand Rail Tubing

CONNECTOR SLEEVE FOR 1.9" DIAMETER TUBING (.145" WALL THICKNESS)

CAT. NO.	MATERIAL	FOR USE WITH
GR19CSM	Mill Aluminum	HR19 Series 1.9" Aluminum Pipe Rail Tubing

CONNECTOR SLEEVES FOR 2" SQUARE TUBING (.187" WALL THICKNESS)

CAT. NO.	MATERIAL	FOR USE WITH
PR20CSS	Stainless Steel	PR2 Series 2" Stainless Steel Square Pipe Rail Tubing
PR20CSM	Mill Aluminum	PR2 Series 2" Mill Aluminum Square Pipe Rail Tubing

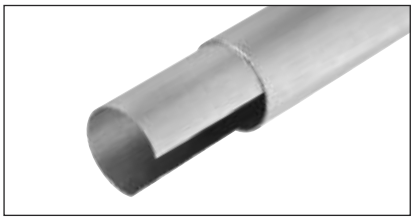
CONNECTOR SLEEVES FOR 2" DIAMETER TUBING (.050" WALL THICKNESS)

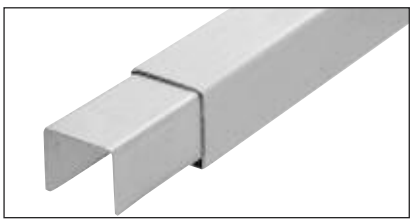
CAT. NO.	MATERIAL	FOR USE WITH
GR20CSS	Stainless Steel	HR20 Series 2" Stainless Steel Hand Rail Tubing
GR20CSB	Brass	HR20 Series 2" Brass Hand Rail Tubing

Minimum order: 1 each.



Important Installation Note: Always Use Connector Sleeves Made of the Same Metal as the Cap Rail, Cap Rail Corner, or Hand Rail Metal.



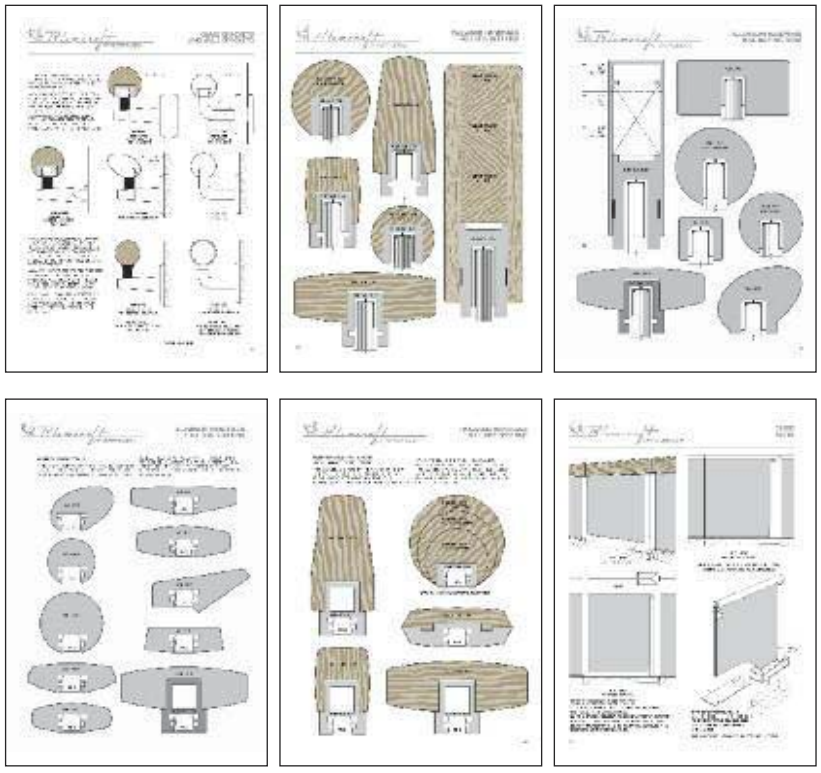


CRL Blumcraft Hand Railings

BLUMCRAFT
A DIVISION OF C.R. LAURENCE CO., INC.

MORE INFORMATION
crlaurence.com





CRL Blumcraft manufactures a variety of Hand Rail and Railing Brackets that can be mounted directly to a wall or through glass panels. Our aluminum and wood Hand Rails are available in numerous configurations and sizes. All of these systems and their optional extras can be seen in their entirety at **crlaurence.com/blumcraft-railings**.

CRL Blumcraft Custom Fabricated Hand Rail Post Kits

- **Solid Construction With Innovative Designs**
- **Satin Anodized and Dark Bronze Anodized Architectural Finishes**
- **Custom Finishes Available Upon Request**

CRL Blumcraft manufactures a comprehensive selection of Hand Rail Post Kits that combine the durability of solid aluminum construction with innovative designs and engineering. This ensures long term structural integrity and enhances project aesthetics.

For additional Post Kit information, go to **crlaurence.com/blumcraft-railings** or contact CRL Technical Sales at (800) 421-6144 in U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also email us at **crlaurence.com/support**.



CRL Blumcraft 583, 537, and 576 Series Extruded Aluminum Hand Railings

BLUMCRAFT
A DIVISION OF C.R. LAURENCE CO., INC.

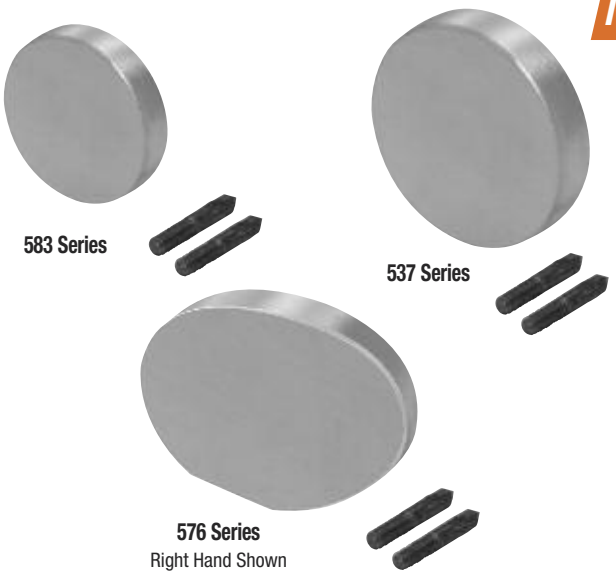
- Ready to Install
- Two Architectural Finishes, Plus Mill Aluminum
- Requires End Caps, Splice Pins, and Snap-In Pocket Fillers (Not Included)

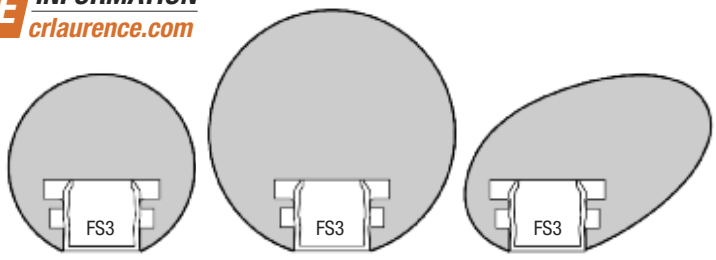
CRL Blumcraft's Aluminum Hand Railings are extruded from 6063 alloy, which is suitable for custom finishes such as anodizing, powder coating, etc. The use of our Cat. No. 22A58 Splice Pins (see page HR083 is required to achieve a secure and permanent mechanical connection at each splice joint. Please contact CRL-Blumcraft Technical Sales for more information or a quote.

NOTE: Splice Pins, Snap-In Pocket Fillers, and Aluminum End Caps are all sold separately.



MORE INFORMATION crlaurence.com





583 Series
1-1/2" (38 mm) Diameter Hand Rail Shown With Optional FS3 Snap-In Pocket Filler

537 Series
2" (51 mm) Diameter Hand Rail Shown With Optional FS3 Snap-In Pocket Filler

576 Series
2" x 1-3/8" (51 mm x 35 mm) Oval Hand Rail Shown With Optional FS3 Snap-In Pocket Filler

583 SERIES EXTRUDED ALUMINUM HAND RAILINGS

CAT. NO.	FINISH	LENGTH	USE SPLICE PIN
583SA	Satin Anodized	120" (3.05 m)	22A58
583DU	Dark Bronze Anodized	120" (3.05 m)	22A58
583M	Mill Aluminum	120" (3.05 m)	22A58

Minimum order: 1 each. Must ship via common carrier.

583 SERIES ALUMINUM END CAPS

CAT. NO.	FINISH	FITS HAND RAIL
583ECSA	Satin Anodized	583 Series
583ECDU	Dark Bronze Anodized	583 Series
583ECM	Mill Aluminum	583 Series

Minimum order: 1 each. End Caps come with two attachment pins.

537 SERIES EXTRUDED ALUMINUM HAND RAILINGS

CAT. NO.	FINISH	LENGTH	USE SPLICE PIN
537SA	Satin Anodized	120" (3.05 m)	22A58
537DU	Dark Bronze Anodized	120" (3.05 m)	22A58
537M	Mill Aluminum	120" (3.05 m)	22A58

Minimum order: 1 each. Must ship via common carrier.

537 SERIES ALUMINUM END CAPS

CAT. NO.	FINISH	FITS HAND RAIL
537ECSA	Satin Anodized	537 Series
537ECDU	Dark Bronze Anodized	537 Series
537ECM	Mill Aluminum	537 Series

Minimum order: 1 each. End Caps come with two attachment pins.

576 SERIES EXTRUDED ALUMINUM HAND RAILINGS

CAT. NO.	FINISH	LENGTH	USE SPLICE PIN
576SA	Satin Anodized	120" (3.05 m)	22A58
576DU	Dark Bronze Anodized	120" (3.05 m)	22A58
576M	Mill Aluminum	120" (3.05 m)	22A58

Minimum order: 1 each. Must ship via common carrier.

576 SERIES ALUMINUM END CAPS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH	FITS HAND RAIL
576LECSA	576RECSA	Satin Anodized	576 Series
576LECDU	576RECDU	Dark Bronze Anodized	576 Series
576LECM	576RECM	Mill Aluminum	576 Series

Minimum order: 1 each. End Caps come with two attachment pins.

SNAP-IN POCKET FILLERS

CAT. NO.	FINISH	LENGTH	FOR USE WITH
FS3SA	Satin Anodized	48" (1219 mm)	537, 576, 583 Hand Rails
FS3DU	Dark Bronze Anodized	48" (1219 mm)	537, 576, 583 Hand Rails
FS3M	Mill Aluminum	48" (1219 mm)	537, 576, 583 Hand Rails

Minimum order: 1 each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Blumcraft 597, 580, and 572 Series Wood Hand Railings

BLUMCRAFT
A DIVISION OF C.R. LAURENCE CO., INC.

- **10 Foot (3.05 m) Stock Lengths Available in a Variety of Hardwoods**
- **Included Sub-Rails Come in Satin Anodized and Dark Bronze Anodized Finishes**
- **Requires End Caps, Wood Biscuits, and Snap-In Pocket Fillers (Not Included)**

CRL Blumcraft's Wood Hand Railings are produced to the customer's specifications, and can be fully fabricated or shipped in 10 foot (3.05 m) lengths. Offered in a variety of hardwoods with satin anodized or dark bronze anodized Sub Rails, this system is an attractive alternative to solid aluminum Hand Rails.

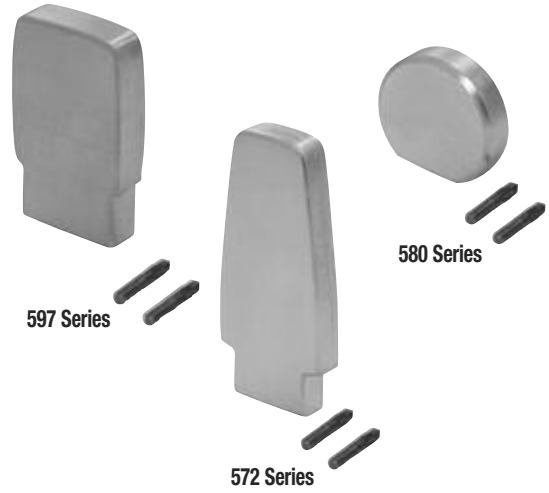
NOTE: Wood Biscuits (see **crlaurence.com/blumcraft-railings**), Snap-In Pocket Fillers, and Aluminum End Caps are all sold separately (see below).



Available Finishes

- Walnut
- Cherry
- Mahogany
- White Oak
- Red Oak
- Ash
- Poplar
- Maple

MORE INFORMATION crlaurence.com





597 Series
1-3/4" x 2-3/4"
(44.5 mm x 70 mm)
Hand Rail Shown
With Optional FS3
Snap-In Pocket Filler



580 Series
2" (51 mm)
Diameter Hand Rail
Shown With Optional
FS3 Snap-In Pocket Filler



572 Series
2" x 4-1/2"
(51 mm x 114 mm)
Hand Rail Shown
With Optional FS3
Snap-In Pocket Filler

597 SERIES ALUMINUM END CAPS

CAT. NO.	FINISH	FITS HAND RAIL
597ECSA	Satin Anodized	597 Series
597ECDU	Dark Bronze Anodized	597 Series
597ECM	Mill Aluminum	597 Series

Minimum order: 1 each. End Caps come with two attachment pins.

580 SERIES ALUMINUM END CAPS

CAT. NO.	FINISH	FITS HAND RAIL
580ECSA	Satin Anodized	580 Series
580ECDU	Dark Bronze Anodized	580 Series
580ECM	Mill Aluminum	580 Series

Minimum order: 1 each. End Caps come with two attachment pins.

572 SERIES ALUMINUM END CAPS

CAT. NO.	FINISH	FITS HAND RAIL
572ECSA	Satin Anodized	572 Series
572ECDU	Dark Bronze Anodized	572 Series
572ECM	Mill Aluminum	572 Series

Minimum order: 1 each. End Caps come with two attachment pins.

597 SERIES WOOD HAND RAILINGS

CAT. NO.	DESCRIPTION	LENGTH	USE SPLICE BISCUIT
597C*	1-3/4" x 2-3/4" (44.5 x 70 mm) Wood Hand Rail	120" (3.05 m)	CRLWB1

Minimum order: 1 each. *Specify Wood Type and Sub-Rail finish when ordering. Must ship via common carrier.

580 SERIES WOOD HAND RAILINGS

CAT. NO.	DESCRIPTION	LENGTH	USE SPLICE BISCUIT
580C*	2" (51 mm) Diameter Wood Hand Rail	120" (3.05 m)	CRLWB1

Minimum order: 1 each. *Specify Wood Type and Sub-Rail finish when ordering. Must ship via common carrier.

572 SERIES WOOD HAND RAILINGS

CAT. NO.	DESCRIPTION	LENGTH	USE SPLICE BISCUIT
572C*	2" x 4-1/2" (51 x 114 mm) Wood Hand Rail	120" (3.05 m)	CRLWB1

Minimum order: 1 each. *Specify Wood Type and Sub-Rail finish when ordering. Must ship via common carrier.

SNAP-IN POCKET FILLER

CAT. NO.	FINISH	LENGTH	FOR USE WITH
FS3SA	Satin Anodized	48" (1219 mm)	572, 580, 597 Hand Rails
FS3DU	Dark Bronze Anodized	48" (1219 mm)	572, 580, 597 Hand Rails
FS3M	Mill Aluminum	48" (1219 mm)	572, 580, 597 Hand Rails

Minimum order: 1 each. All Snap-In Pocket Fillers can be combined for quantity pricing.

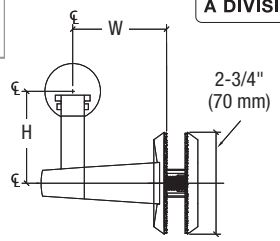
CRL Blumcraft Pacific Series Glass Mounted Hand Rail Bracket

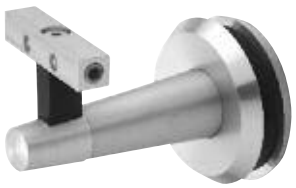
USE MONOLITHIC TEMPERED GLASS

BLUMCRAFT
A DIVISION OF C.R. LAURENCE CO., INC.

- Only for Use With CRL Blumcraft's 537, 572, 576, 580, 583, and 597 Slotted Hand Rails
- Four Architectural Finishes, Plus Mill Aluminum
- Designed for 1/2" to 1-1/16" (12 to 25.52 mm) Thick Tempered Glass

NOTE: Requires 3/4" (19 mm) hole in glass





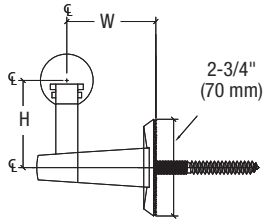
CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNGSA	6063 Satin Anodized	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNGDU	6063 Dark Bronze Anodized	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNGM	6063 Mill Aluminum	2-9/16" (65 mm)	2-1/2" (64 mm)

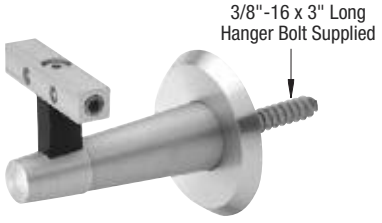
CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNGBS	316 Brushed Stainless	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNGPS	316 Polished Stainless	2-9/16" (65 mm)	2-1/2" (64 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Blumcraft Pacific Series Wall Mounted Hand Rail Bracket

- Only for Use With CRL Blumcraft's 537, 572, 576, 580, 583, and 597 Slotted Hand Rails
- Four Architectural Finishes, Plus Mill Aluminum





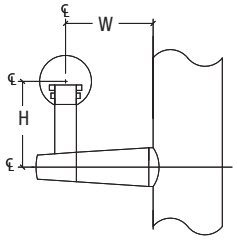
CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNWSA	6063 Satin Anodized	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNWDU	6063 Dark Bronze Anodized	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNWM	6063 Mill Aluminum	2-9/16" (65 mm)	2-1/2" (64 mm)

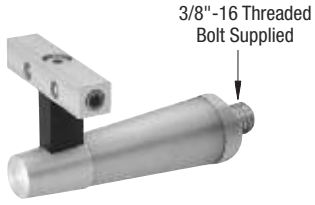
CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNWBS	316 Brushed Stainless	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNWPS	316 Polished Stainless	2-9/16" (65 mm)	2-1/2" (64 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Blumcraft Pacific Series Post Mounted Hand Rail Bracket

- Only for Use With CRL Blumcraft's 537, 572, 576, 580, 583, and 597 Slotted Hand Rails
- Four Architectural Finishes, Plus Mill Aluminum





CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNNBSA	6063 Satin Anodized	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNNBDU	6063 Dark Bronze Anodized	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNNBM	6063 Mill Aluminum	2-9/16" (65 mm)	2-1/2" (64 mm)

CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNNBBS	316 Brushed Stainless	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNNBPS	316 Polished Stainless	2-9/16" (65 mm)	2-1/2" (64 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

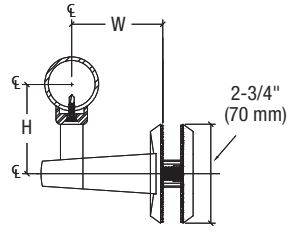
CRL Blumcraft Pacific Series Glass Mounted Hand Rail Bracket

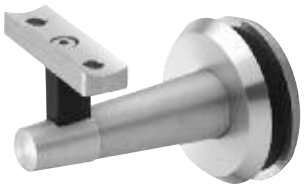
USE MONOLITHIC TEMPERED GLASS

MORE CHOICES
crlaurence.com

- For 1-1/2" to 2" (38 to 51 mm) Diameter Round Non-Slotted Hand Rail Tubing
- Four Architectural Finishes, Plus Mill Aluminum
- Designed for 1/2" to 1-1/16" (12 to 25.52 mm) Thick Tempered Glass

NOTE: Requires 3/4" (19 mm) hole in glass





CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNSCSA	6063 Satin Anodized	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNSCDU	6063 Dark Bronze Anodized	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNSCM	6063 Mill Aluminum	2-9/16" (65 mm)	2-1/2" (64 mm)

CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNSCBS	316 Brushed Stainless	2-9/16" (65 mm)	2-1/2" (64 mm)
WBNSCPS	316 Polished Stainless	2-9/16" (65 mm)	2-1/2" (64 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

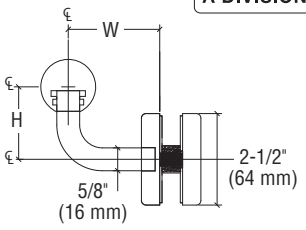
CRL Blumcraft Imperial Series Glass Mounted Hand Rail Bracket

MORE CHOICES crlaurence.com

BLUMCRAFT
A DIVISION OF C.R. LAURENCE CO., INC.

- **Only for Use With CRL Blumcraft's 537, 572, 576, 580, 583, and 597 Slotted Hand Rails**
- **Four Architectural Finishes, Plus Mill Aluminum**
- **Designed for 1/2" to 1-1/16" (12 to 25.52 mm) Thick Tempered Glass**

NOTE: Requires 3/4" (19 mm) hole in glass





USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNCGSA	6063 Satin Anodized	2-1/2" (64 mm)	2" (51 mm)
WBNCGDU	6063 Dark Bronze Anodized	2-1/2" (64 mm)	2" (51 mm)
WBNCGM	6063 Mill Aluminum	2-1/2" (64 mm)	2" (51 mm)

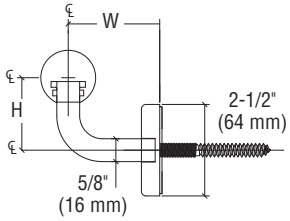
Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

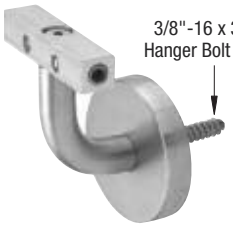
CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNCGBS	316 Brushed Stainless	2-1/2" (64 mm)	2" (51 mm)
WBNCGPS	316 Polished Stainless	2-1/2" (64 mm)	2" (51 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Blumcraft Imperial Series Wall Mounted Hand Rail Bracket

- **Only for Use With CRL Blumcraft's 537, 572, 576, 580, 583, and 597 Slotted Hand Rails**
- **Four Architectural Finishes, Plus Mill Aluminum**





CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNCSSA	6063 Satin Anodized	2-1/2" (64 mm)	2" (51 mm)
WBNCSDU	6063 Dark Bronze Anodized	2-1/2" (64 mm)	2" (51 mm)
WBNCSM	6063 Mill Aluminum	2-1/2" (64 mm)	2" (51 mm)

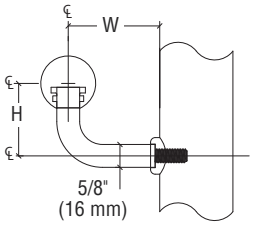
Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNCSBS	316 Brushed Stainless	2-1/2" (64 mm)	2" (51 mm)
WBNCSPS	316 Polished Stainless	2-1/2" (64 mm)	2" (51 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Blumcraft Imperial Series Post Mounted Hand Rail Bracket

- **Only for Use With CRL Blumcraft's 537, 572, 576, 580, 583, and 597 Slotted Hand Rails**
- **Four Architectural Finishes, Plus Mill Aluminum**





CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNCPSA	6063 Satin Anodized	2-1/2" (64 mm)	2" (51 mm)
WBNCPDU	6063 Dark Bronze Anodized	2-1/2" (64 mm)	2" (51 mm)
WBNCPM	6063 Mill Aluminum	2-1/2" (64 mm)	2" (51 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

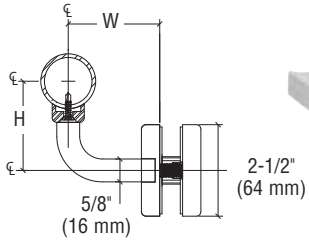
CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNCPBS	316 Brushed Stainless	2-1/2" (64 mm)	2" (51 mm)
WBNCPPS	316 Polished Stainless	2-1/2" (64 mm)	2" (51 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Blumcraft Imperial Series Glass Mounted Hand Rail Bracket

- **For 1-1/2" to 2" (38 to 51 mm) Diameter Round Non-Slotted Hand Rail Tubing**
- **Four Architectural Finishes, Plus Mill Aluminum**
- **Designed for 1/2" to 1-1/16" (12 to 25.52 mm) Thick Tempered Glass**

NOTE: Requires 3/4" (19 mm) hole in glass





USE MONOLITHIC TEMPERED GLASS

CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNCCSA	6063 Satin Anodized	2-1/2" (64 mm)	2-7/16 (62 mm)
WBNCCDU	6063 Dark Bronze Anodized	2-1/2" (64 mm)	2-7/16 (62 mm)
WBNCCM	6063 Mill Aluminum	2-1/2" (64 mm)	2-7/16 (62 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

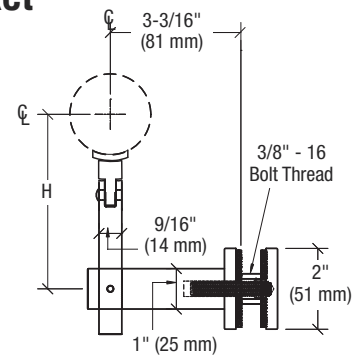
CAT. NO.	FINISH	C/L-"W"	1-1/2" C/L-"H"
WBNCCBS	316 Brushed Stainless	2-1/2" (64 mm)	2-7/16 (62 mm)
WBNCCPS	316 Polished Stainless	2-1/2" (64 mm)	2-7/16 (62 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

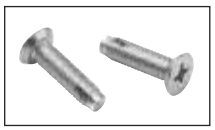
CRL Sunset Series Glass Mounted Hand Rail Bracket

MORE CHOICES crlaurence.com

- 3-Way Adjustable
- Ready to Install
- Two Architectural Finishes
- For 1-1/2", 1.9" or 2" (38, 48 or 51 mm) Diameter Hand Rail Tubing
- Designed for 1/2" to 1-1/16" (12 to 25.52 mm) Glass



NOTE: Requires 3/4" (19 mm) hole in glass



Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1

- 316 Grade Stainless Steel



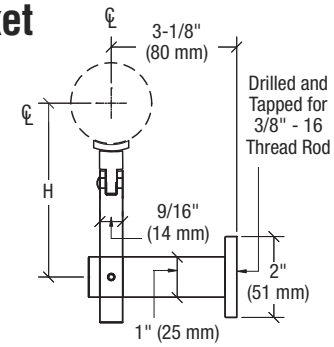
USE MONOLITHIC TEMPERED GLASS

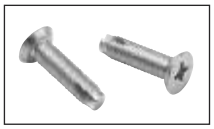
CAT. NO.	GRADE	FINISH	1-1/2" C/L-"H"	1.9" & 2" C/L-"H"
HR2JGBS	316	Brushed Stainless	1-9/16" to 3-1/4" (40 to 82 mm)	1-3/4" to 3-7/16" (44 to 87 mm)
HR2JGPS	316	Polished Stainless	1-9/16" to 3-1/4" (40 to 82 mm)	1-3/4" to 3-7/16" (44 to 87 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Sunset Series Wall Mounted Hand Rail Bracket

- 3-Way Adjustable
- Ready to Install
- Two Architectural Finishes
- For 1-1/2", 1.9" or 2" (38, 48 or 51 mm) Diameter Hand Rail Tubing





Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included

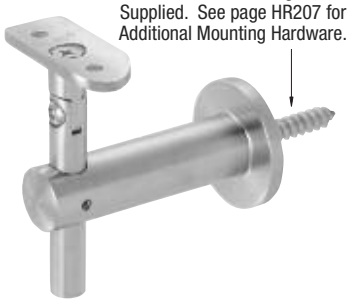


Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1

- 316 Grade Stainless Steel

3/8"-16 x 2-1/2" Hanger Bolt Supplied. See page HR207 for Additional Mounting Hardware.

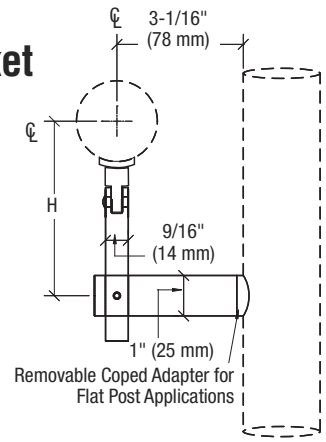


CAT. NO.	GRADE	FINISH	1-1/2" C/L-"H"	1.9" & 2" C/L-"H"
HR2JWBS	316	Brushed Stainless	1-9/16" to 3-1/4" (40 to 82 mm)	1-3/4" to 3-7/16" (44 to 87 mm)
HR2JWPS	316	Polished Stainless	1-9/16" to 3-1/4" (40 to 82 mm)	1-3/4" to 3-7/16" (44 to 87 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Sunset Series Post Mounted Hand Rail Bracket

- 3-Way Adjustable
- Ready to Install
- Two Architectural Finishes
- For 1-1/2", 1.9" or 2" (38, 48 or 51 mm) Diameter Hand Rail Tubing
- Can Also Be Mounted to Flat Surfaces





Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1

- 316 Grade Stainless Steel



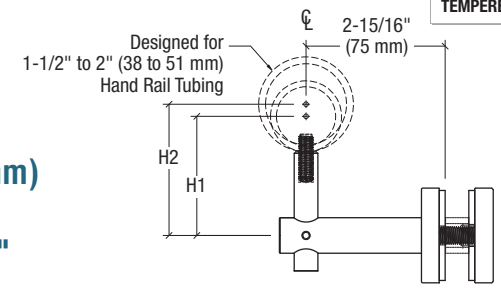
CAT. NO.	GRADE	FINISH	1-1/2" C/L-"H"	1.9" & 2" C/L-"H"
HR2JPBS	316	Brushed Stainless	1-9/16" to 3-1/4" (40 to 82 mm)	1-3/4" to 3-7/16" (44 to 87 mm)
HR2JPPS	316	Polished Stainless	1-9/16" to 3-1/4" (40 to 82 mm)	1-3/4" to 3-7/16" (44 to 87 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Coastal Series Glass Mounted Hand Rail Bracket

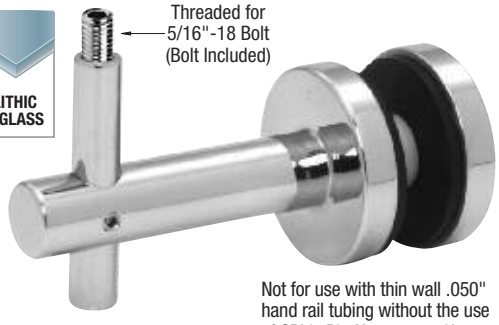
MORE INFORMATION crlaurence.com

- 2-Way Adjustable
- Ready to Install
- Two Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing
- Designed for 1/2" to 1-1/16" (12 to 25.52 mm) Glass



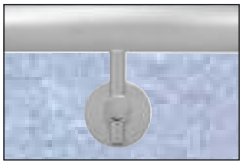
NOTE: Requires 3/4" (19 mm) hole in glass





- 316 Grade Stainless Steel

Not for use with thin wall .050" hand rail tubing without the use of CRL's Riv-Nut system. Heavy wall tubing is recommended for this bracket.

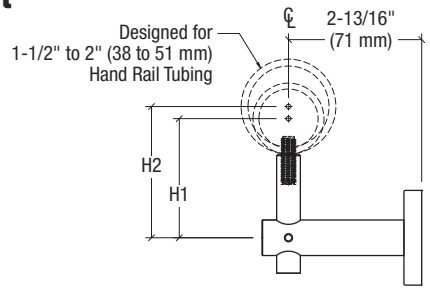


CAT. NO.	GRADE	FINISH	1-1/2" & 1.66" C/L-"H1"	1.9" & 2" C/L-"H2"
HR2FGBS	316	Brushed Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR2FGPS	316	Polished Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR2FGMA	6063	Mill Aluminum	2-1/2" (64 mm)	2-11/16" (68 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Coastal Series Wall Mounted Hand Rail Bracket

- 2-Way Adjustable
- Ready to Install
- Two Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing





- 316 Grade Stainless Steel

Not for use with thin wall .050" hand rail tubing without the use of CRL's Riv-Nut system. Heavy wall tubing is recommended for this bracket.

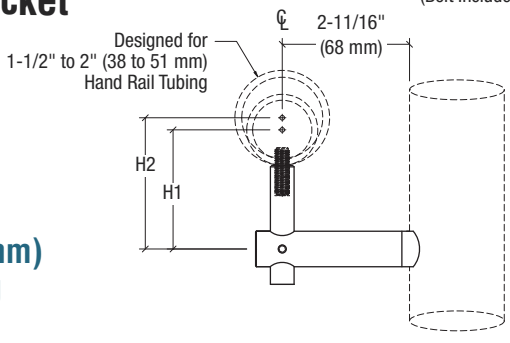


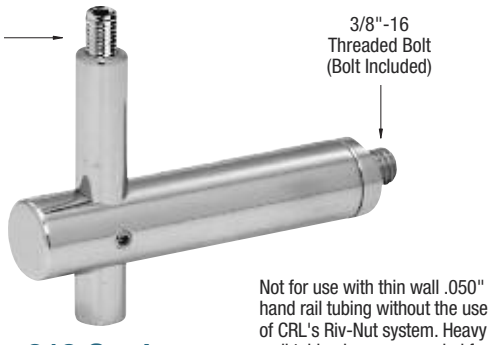
CAT. NO.	GRADE	FINISH	1-1/2" & 1.66" C/L-"H1"	1.9" & 2" C/L-"H2"
HR2FWBS	316	Brushed Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR2FWPS	316	Polished Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR2FWMA	6063	Mill Aluminum	2-1/2" (64 mm)	2-11/16" (68 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Coastal Series Post Mounted Hand Rail Bracket

- 2-Way Adjustable
- Ready to Install
- Two Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing





- 316 Grade Stainless Steel

Not for use with thin wall .050" hand rail tubing without the use of CRL's Riv-Nut system. Heavy wall tubing is recommended for this bracket.



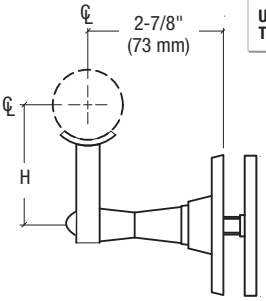
CAT. NO.	GRADE	FINISH	1-1/2" & 1.66" C/L-"H1"	1.9" & 2" C/L-"H2"
HR2FPBS	316	Brushed Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR2FPPS	316	Polished Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR2FPMA	6063	Mill Aluminum	2-1/2" (64 mm)	2-11/16" (68 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

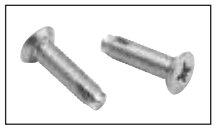
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Manhattan Series Glass Mounted Hand Rail Bracket

- 2-Way Adjustable
- Five Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2", 1.9" or 2" (38, 48 or 51 mm) Diameter Hand Rail Tubing
- Designed for 1/2" to 1-1/16" (12 to 25.52 mm) Glass





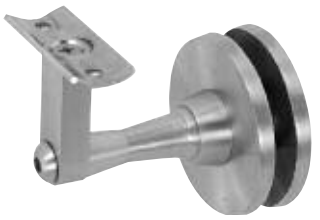


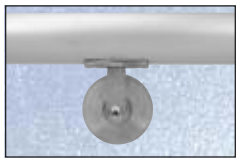
Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1





NOTE: Requires 3/4" (19 mm) hole in glass

CAT. NO.	GRADE	FINISH
HR2SGMA	6063	Mill Aluminum
HR2SGSA	6063	Satin Anodized
HR2SGDU	6063	Dark Bronze Anodized

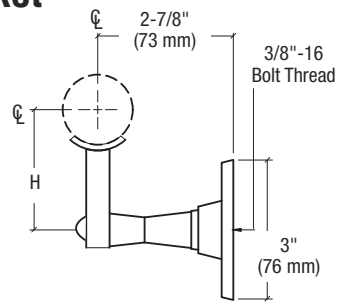
CAT. NO.	GRADE	FINISH	1-1/2" C/L-"H"	1.9" & 2" C/L-"H"
HR2SGBS	316	Brushed Stainless	2-9/16" (65 mm)	2-13/16" (71 mm)
HR2SGPS	316	Polished Stainless	2-9/16" (65 mm)	2-13/16" (71 mm)
HR2SGPB	C260	Polished Brass	2-9/16" (65 mm)	2-13/16" (71 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

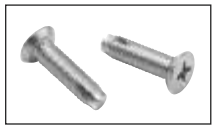
CRL Manhattan Series Wall Mounted Hand Rail Bracket

MORE CHOICES crlaurence.com

- 2-Way Adjustable
- Ready to Install
- Five Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2", 1.9" or 2" (38, 48 or 51 mm) Diameter Hand Rail Tubing



See page HR207 for our Conversion Cap Set to Change a Wall Mount Bracket to a Glass Mount Bracket.



Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included

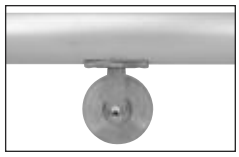


Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1

3/8"-16 x 2-1/2" Hanger Bolt Supplied. See page HR207 for Additional Mounting Hardware





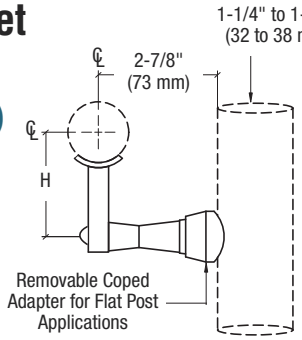
CAT. NO.	GRADE	FINISH
HR2SWMA	6063	Mill Aluminum
HR2SWSA	6063	Satin Anodized
HR2SWDU	6063	Dark Bronze Anodized

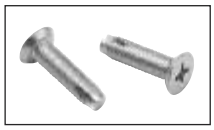
CAT. NO.	GRADE	FINISH	1-1/2" C/L-"H"	1.9" & 2" C/L-"H"
HR2SWBS	316	Brushed Stainless	2-9/16" (65 mm)	2-13/16" (71 mm)
HR2SWPS	316	Polished Stainless	2-9/16" (65 mm)	2-13/16" (71 mm)
HR2SWPB	C260	Polished Brass	2-9/16" (65 mm)	2-13/16" (71 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Manhattan Series Post Mounted Hand Rail Bracket

- Ready to Mount to Either 1-1/4" or 1-1/2" (32 or 38 mm) Schedule 40 Vertical Posts
- Five Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2", 1.9" or 2" (38, 48 or 51 mm) Diameter Hand Rail Tubing





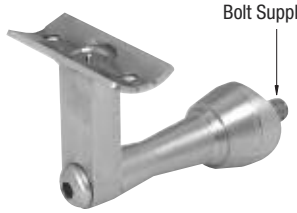
Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1

3/8"-16 Threaded Bolt Supplied





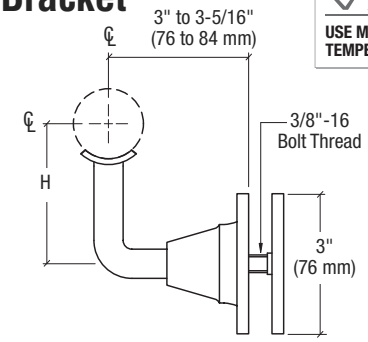
CAT. NO.	GRADE	FINISH
HR2SPMA	6063	Mill Aluminum
HR2SPSA	6063	Satin Anodized
HR2SPDU	6063	Dark Bronze Anodized

CAT. NO.	GRADE	FINISH	1-1/2" C/L-"H"	1.9" & 2" C/L-"H"
HR2SPBS	316	Brushed Stainless	2-9/16" (65 mm)	2-13/16" (71 mm)
HR2SPPS	316	Polished Stainless	2-9/16" (65 mm)	2-13/16" (71 mm)
HR2SPPB	C260	Polished Brass	2-9/16" (65 mm)	2-13/16" (71 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Newport Series Glass Mounted Hand Rail Bracket

- Ready to Install
- Five Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing
- Designed for 1/2" (12 mm) Glass



NOTE: Requires 3/4" (19 mm) hole in glass





Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1





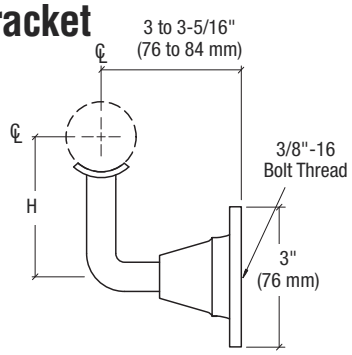
CAT. NO.	GRADE	FINISH
HR2DGMA	6063	Mill Aluminum
HR2DGSA	6063	Satin Anodized
HR2DGDU	6063	Dark Bronze Anodized

CAT. NO.	GRADE	FINISH	1-1/2" & 1.66" C/L-"H"	1.9" & 2" C/L-"H"
HR2DGBS	316	Brushed Stainless	3" (76 mm)	3-1/4" (83 mm)
HR2DGPS	316	Polished Stainless	3" (76 mm)	3-1/4" (83 mm)
HR2DGPB	C260	Polished Brass	3" (76 mm)	3-1/4" (83 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Newport Series Wall Mounted Hand Rail Bracket

- 3-Way Adjustable
- Ready to Install
- Five Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing



See page HR207 for our Conversion Cap Set to Change a Wall Mount Bracket to a Glass Mount Bracket.



Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included

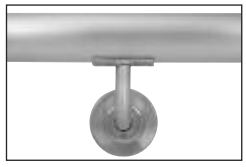


Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1

3/8"-16 x 2-1/2" Hanger Bolt Supplied. See page HR207 for Additional Mounting Hardware.





CAT. NO.	GRADE	FINISH
HR2DWMA	6063	Mill Aluminum
HR2DWSA	6063	Satin Anodized
HR2DWDU	6063	Dark Bronze Anodized

CAT. NO.	GRADE	FINISH	1-1/2" & 1.66" C/L-"H"	1.9" & 2" C/L-"H"
HR2DWBS	316	Brushed Stainless	3" (76 mm)	3-1/4" (83 mm)
HR2DWPS	316	Polished Stainless	3" (76 mm)	3-1/4" (83 mm)
HR2DWPB	C260	Polished Brass	3" (76 mm)	3-1/4" (83 mm)

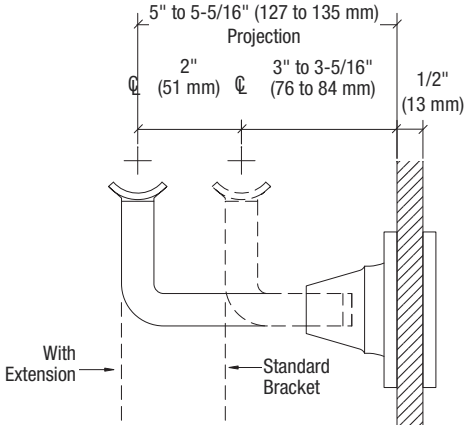
Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Newport Series Extension Arms for HR2D Series Brackets

- Allows for Up to 2" (51 mm) of Additional Extension From Mounting Surface
- Five Architectural Finishes Available



Front View





MORE INFORMATION crlaurence.com

CAT. NO.	GRADE	FINISH
HR2DXSA	6063	Satin Anodized
HR2DXDU	6063	Dark Bronze Anodized
HR2DXBS	316	Brushed Stainless
HR2DXPS	316	Polished Stainless
HR2DXPB	C260	Polished Brass

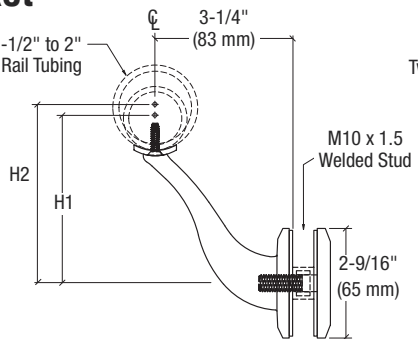
Minimum order: 1 each. Finishes can be combined for quantity pricing.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Meridian Series Glass Mounted Hand Rail Bracket

NEW!

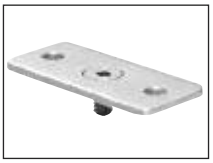
- Ready to Install
- Two Architectural Finishes
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing
- Designed for 1/2" to 1-1/16" (12 to 25.52 mm) Glass



NOTE: Requires 3/4" (19 mm) hole in glass



Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included

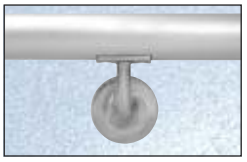


Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1



- 316 Grade Stainless Steel



CAT. NO.	GRADE	FINISH	1-1/2" & 1.66" C/L="H1"	1.9" & 2" C/L-"H2"
HR4GBS	316	Brushed Stainless	3-7/8" (98 mm)	4-1/8" (105 mm)
HR4GPS	316	Polished Stainless	3-7/8" (98 mm)	4-1/8" (105 mm)

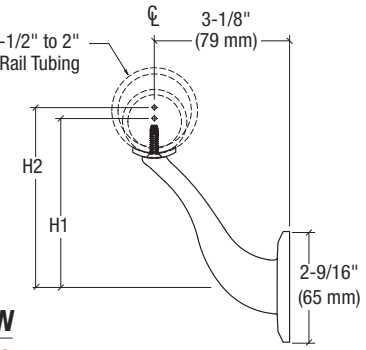
Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Meridian Series Wall Mounted Hand Rail Bracket

NEW!

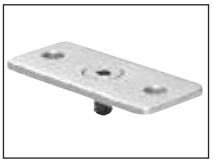
- Ready to Install
- Two Architectural Finishes
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing

MORE INFORMATION crlaurence.com



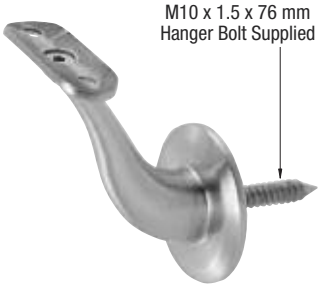


Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included

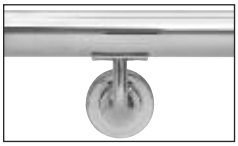


Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1



- 316 Grade Stainless Steel



CAT. NO.	GRADE	FINISH	1-1/2" & 1.66" C/L="H1"	1.9" & 2" C/L-"H2"
HR4WBS	316	Brushed Stainless	3-7/8" (98 mm)	4-1/8" (105 mm)
HR4WPS	316	Polished Stainless	3-7/8" (98 mm)	4-1/8" (105 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Technical Assistance

- Full Service From Our Railing Technical Sales Team
- Design Assistance and Component Selection
- Detailed Project Quotes

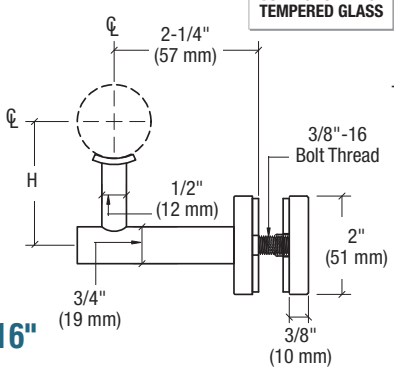
The C.R. Laurence Railing Technical Sales Team can help you choose the perfect railing system for any job. They can prepare a detailed quote that you can present to your client with the full assurance that the CRL Railing System they select will enhance the beauty and safety of the surroundings. They will also assist with component selection to ensure you can complete the job with a minimum amount of excess material. Your job can be made easier with the help of our trained professionals. CRL Railing Technical Sales can be reached Monday through Friday, from 6 a.m. to 5 p.m. Pacific Time, at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 from outside the U.S. and Canada. To send an email go to **crlaurence.com/support**.



CRL Malibu Series Glass Mounted Hand Rail Bracket

- Two Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing
- Can Also Be Used for Wall Mount Applications
- Designed for 1/2" to 1-1/16" (12 to 25.52 mm) Glass





NOTE: Requires 3/4" (19 mm) hole in glass



Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1

MORE CHOICES crlaurence.com



- Ready to Install

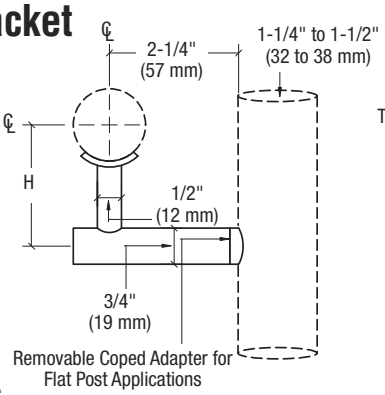


CAT. NO.	GRADE	FINISH	1-1/2" & 1.66" C/L-"H"	1.9" & 2" C/L-"H"
HR3EGBS	316	Brushed Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR3EGPS	316	Polished Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR3EGMA	6063	Mill Aluminum	2-1/2" (64 mm)	2-11/16" (68 mm)

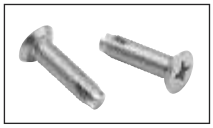
Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specify finish at time of order.

CRL Malibu Series Post Mounted Hand Rail Bracket

- Two Architectural Finishes Plus Mill Finish Aluminum
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing
- Ready to Mount to 1-1/4" or 1-1/2" (32 or 38 mm) Schedule 40 Vertical Posts



Removable Coped Adapter for Flat Post Applications

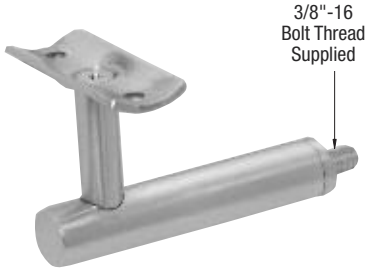


Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



Optional Flat Hand Rail Adapter Plate

*CAT. NO. HBFP1



- Ready to Install



CAT. NO.	GRADE	FINISH	1-1/2" & 1.66" C/L-"H"	1.9" & 2" C/L-"H"
HR3EPBS	316	Brushed Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR3EPPS	316	Polished Stainless	2-1/2" (64 mm)	2-11/16" (68 mm)
HR3EPMA	6063	Mill Aluminum	2-1/2" (64 mm)	2-11/16" (68 mm)

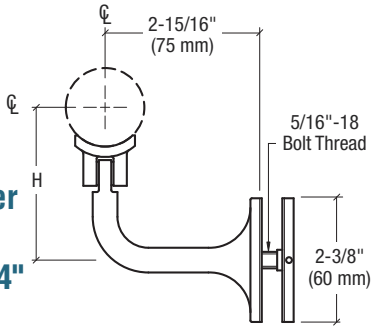
Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. *Specifiy finish at time of order.

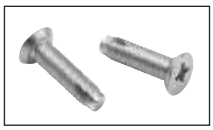




CRL La Jolla Series Glass Mounted Hand Rail Bracket

- Three Architectural Finishes
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing
- Designed for 1/2" to 3/4" (12 to 19 mm) Glass





Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



USE MONOLITHIC TEMPERED GLASS



NOTE: Requires 3/4" (19 mm) hole in glass

FOR 1-1/2" & 1.66" (38 & 42 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	C/L-"H"
HR15GABS	316	Brushed Stainless	2-15/16" (75 mm)
HR15GAPS	316	Polished Stainless	2-15/16" (75 mm)
HR15GAPB	C260	Polished Brass	2-15/16" (75 mm)

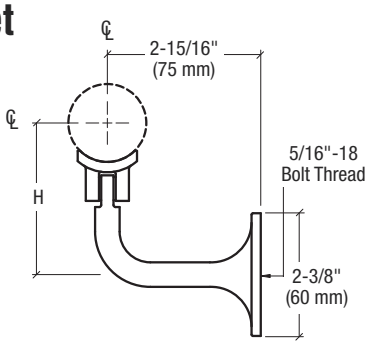
FOR 1.9" & 2" (48 & 51 MM) DIAMETER HAND RAIL TUBING

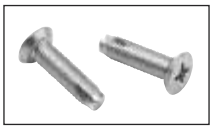
CAT. NO.	GRADE	FINISH	C/L-"H"
HR20GABS	316	Brushed Stainless	3-1/4" (83 mm)
HR20GAPS	316	Polished Stainless	3-1/4" (83 mm)
HR20GAPB	C260	Polished Brass	3-1/4" (83 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. A Hanger Bolt is also included to convert to wall mounting.

CRL La Jolla Series Wall Mounted Hand Rail Bracket

- 2-Way Adjustable
- Ready to Install
- Three Architectural Finishes
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing





Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



MORE INFORMATION crlaurence.com

5/16"-18 x 2-1/2" Hanger Bolt Supplied. See Page HR207 for Additional Mounting Hardware



FOR 1-1/2" & 1.66" (38 & 42 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	C/L-"H"
HR15WABS	316	Brushed Stainless	2-15/16" (75 mm)
HR15WAPS	316	Polished Stainless	2-15/16" (75 mm)
HR15WAPB	C260	Polished Brass	2-15/16" (75 mm)

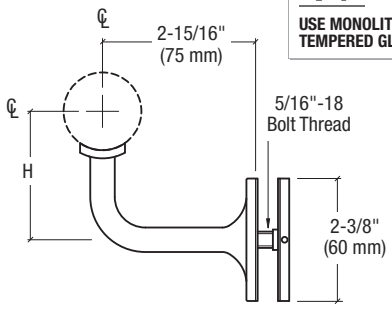
FOR 1.9" & 2" (48 & 51 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	C/L-"H"
HR20WABS	316	Brushed Stainless	3-1/4" (83 mm)
HR20WAPS	316	Polished Stainless	3-1/4" (83 mm)
HR20WAPB	C260	Polished Brass	3-1/4" (83 mm)

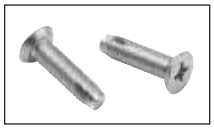
Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Pismo Series Glass Mounted Hand Rail Bracket

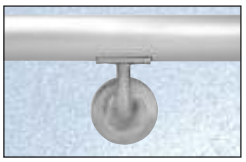
- Three Architectural Finishes
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing



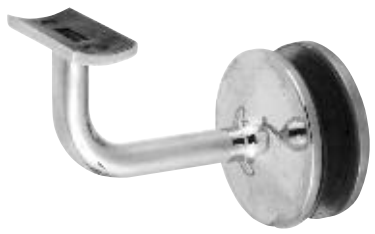
USE MONOLITHIC TEMPERED GLASS



Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



- Designed for 1/2" to 3/4" (12 to 19 mm) Glass



NOTE: Requires 3/4" (19 mm) hole in glass

FOR 1-1/2" & 1.66" (38 & 42 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	C/L-"H"
HR15GBS	316	Brushed Stainless	2-1/2" (64 mm)
HR15GPS	316	Polished Stainless	2-1/2" (64 mm)
HR15GPB	C260	Polished Brass	2-1/2" (64 mm)

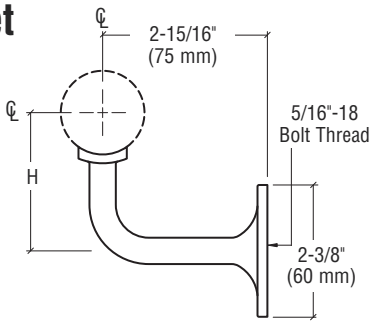
FOR 1.9" & 2" (48 & 51 MM) DIAMETER HAND RAIL TUBING

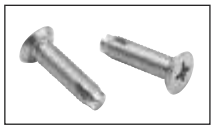
CAT. NO.	GRADE	FINISH	C/L-"H"
HR20GBS	316	Brushed Stainless	2-3/4" (70 mm)
HR20GPS	316	Polished Stainless	2-3/4" (70 mm)
HR20GPB	C260	Polished Brass	2-3/4" (70 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing. A Hanger Bolt is also included to convert to wall mounting.

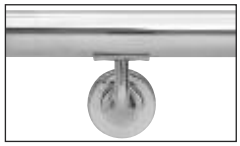
CRL Pismo Series Wall Mounted Hand Rail Bracket

- Ready to Install
- Three Architectural Finishes
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing





Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



MORE CHOICES crlaurence.com

5/16"-18 x 2-1/2" Hanger Bolt Supplied. See Page HR207 for Additional Mounting Hardware



FOR 1-1/2" & 1.66" (38 & 42 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	C/L-"H"
HR15B4BS	316	Brushed Stainless	2-1/2" (64 mm)
HR15B4PS	316	Polished Stainless	2-1/2" (64 mm)
HR15B4PB	C260	Polished Brass	2-1/2" (64 mm)

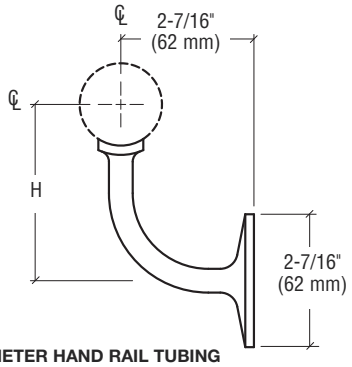
FOR 1.9" & 2" (48 & 51 MM) DIAMETER HAND RAIL TUBING

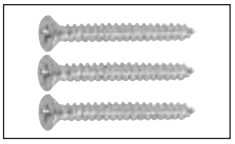
CAT. NO.	GRADE	FINISH	C/L-"H"
HR20B4BS	316	Brushed Stainless	2-3/4" (70 mm)
HR20B4PS	316	Polished Stainless	2-3/4" (70 mm)
HR20B4PB	C260	Polished Brass	2-3/4" (70 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

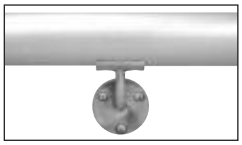
CRL Del Mar Series Wall Mounted Short Arm Hand Rail Bracket

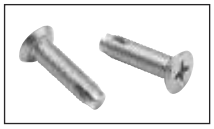
- Ready to Install
- Three Architectural Finishes
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing





Supplied with Three #12 x 2" Wood Screws





Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



FOR 1-1/2" & 1.66" (38 & 42 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	C/L-"H"
HR15TBS	316	Brushed Stainless	3-3/16" (81 mm)
HR15TPS	316	Polished Stainless	3-3/16" (81 mm)
HR15TPB	C260	Polished Brass	3-3/16" (81 mm)

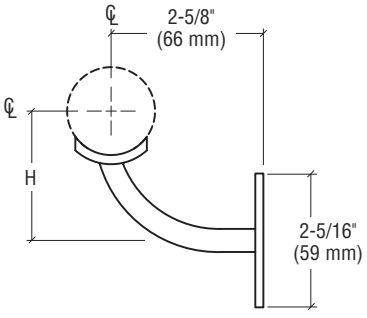
FOR 1.9" & 2" (48 & 51 MM) DIAMETER HAND RAIL TUBING

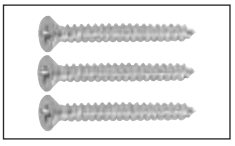
CAT. NO.	GRADE	FINISH	C/L-"H"
HR20TBS	316	Brushed Stainless	3-7/16" (87 mm)
HR20TPS	316	Polished Stainless	3-7/16" (87 mm)
HR20TPB	C260	Polished Brass	3-7/16" (87 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Del Mar Series Wall Mounted Long Arm Hand Rail Bracket

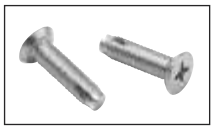
- Ready to Install
- Three Architectural Finishes
- For 1-1/2" to 2" (38 to 51 mm) Diameter Hand Rail Tubing





Supplied with Three #12 x 2" Wood Screws





Two PRS1032TC Flat Head Phillips #10-32 x 3/4" Stainless Steel Thread Cutting Machine Screws Included



FOR 1-1/2" & 1.66" (38 & 42 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	C/L-"H"
HR15B3BS	316	Brushed Stainless	2-3/16" (56 mm)
HR15B3PS	316	Polished Stainless	2-3/16" (56 mm)
HR15B3PB	C260	Polished Brass	2-3/16" (56 mm)

FOR 1.9" & 2" (48 & 51 MM) DIAMETER HAND RAIL TUBING

CAT. NO.	GRADE	FINISH	C/L-"H"
HR20B3BS	316	Brushed Stainless	2-7/16" (62 mm)
HR20B3PS	316	Polished Stainless	2-7/16" (62 mm)
HR20B3PB	C260	Polished Brass	2-7/16" (62 mm)

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.

CRL Conversion Cap Set HR2DW or HR2SW Newport or Manhattan Series Hand Rail Brackets

- Converts Any HR2D or HR2S Series Wall Mount Bracket to Glass Mount
- For Use on 1/2" (12 mm) Tempered Glass



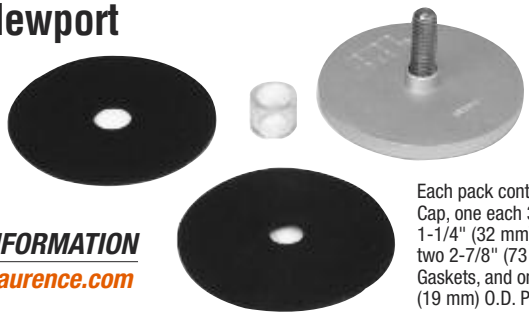
Front View



Back View

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS



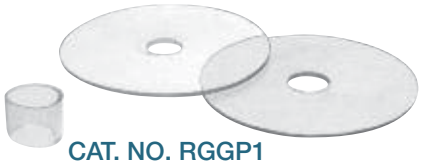
Each pack contains one each Cap, one each 3/8"-16 x 1-1/4" (32 mm) Allen Screw, two 2-7/8" (73 mm) Rubber Gaskets, and one each 3/4" (19 mm) O.D. Plastic Grommet.

CAT. NO.	GRADE	FINISH
HR2CKMA	6063	Mill Aluminum
HR2CKSA	6063	Satin Anodized
HR2CKDU	6063	Duranodic Bronze
HR2CKBS	316	Brushed Stainless
HR2CKPS	316	Polished Stainless

Minimum order: 1 each.

CRL Replacement Gaskets and Grommet Packs for Hand Rail Brackets

HR15G, HR20G, HR15GA, and HR20GA Series



CAT. NO. RGGP1

Each CRL Replacement Gasket and Grommet Pack includes two each 2-5/16" (59 mm) diameter Rubber Gaskets and one each 9/16" (14 mm) O.D. Plastic Grommet. Minimum order is one pack.

HR2DG, HR2FG, HR2SG, HR2JG, HR3EG, and HR4G Series

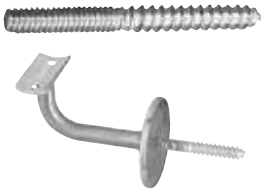


CAT. NO. RGGP2

Each CRL Replacement Gasket and Grommet Pack includes two each 2-7/8" (73 mm) diameter Rubber Gaskets and one each 3/4" (19 mm) O.D. Plastic Grommet. Minimum order is one pack.

CRL Stainless Steel Hanger Bolts

- For Use With HRS Hand Rail Brackets



CAT. NO.	THREAD SIZE	LENGTH
HB516212S	5/16"-18	2-1/2" (64 mm)
HB383S	3/8"-16	3" (76 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Stainless Steel Allen Screws

- For Use With HRS Hand Rail Brackets



CAT. NO.	THREAD SIZE	LENGTH
AS1032316	10-32	3/16" (5 mm)
AS142014	1/4"-20	1/4" (6 mm)
AS516112	5/16"-18	1-1/2" (38 mm)
AS516134	5/16"-18	1-3/4" (45 mm)
AS5162	5/16"-18	2" (51 mm)
AS5163	5/16"-18	3" (76 mm)
AS38112	3/8"-16	1-1/2" (38 mm)

Minimum order: 10 each. Sizes can be combined for quantity pricing.

CRL Stainless Steel Threaded Rods



- For Use With HRS Hand Rail Brackets



CAT. NO.	THREAD SIZE	LENGTH
TR51618X36S	5/16"-18	36" (914 mm)
TR3816X36S	3/8"-16	36" (914 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL SNAPTOGGLE® Toggle Anchors

- Great for Hand Rails, Grab Bars, Display Standoffs, and Glass Shelving
- Designed for Use With Gypsum Board, Concrete, Cement Board, Plaster, Stucco, Plywood, Steel Studs, and Composite Panels



CAT. NO. TB1024
Accepts #10-24 Bolt



CAT. NO. TB1420
Accepts 1/4"-20 Bolt



CAT. NO. TB51618
Accepts 5/16"-18 Bolt



CAT. NO. TB3816
Accepts 3/8"-16 Bolt



CAT. NO. TB1213
Accepts 1/2"-13 Bolt

CAT. NO.	BOLT THREAD	DRILL HOLE	GRIP RANGE
TB1024	#10 - 24	1/2" (13 mm)	3/8" - 3-5/8" (10 - 92 mm)
TB1420	1/4" - 20	1/2" (13 mm)	3/8" - 3-5/8" (10 - 92 mm)
TB51618	5/16" - 18	3/4" (19 mm)	3/8" - 2-1/2" (10 - 64 mm)
TB3816	3/8" - 16	3/4" (19 mm)	3/8" - 2-1/2" (10 - 64 mm)
TB1213	1/2" - 13	3/4" (19 mm)	3/8" - 2-1/2" (10 - 64 mm)

Minimum order: 10 each. Sizes can be combined for quantity pricing.

CRL SNAPTOGGLE® Toggle Anchors pre-install without a bolt and can be installed using a screw gun because the anchor won't spin in the hole. They also allow for bolt or fixture removal without the anchor falling behind the wall. **NOTE:** Threaded bolts sold separately.

Snaptoggle is a registered trademark of Mechanical Plastics Corporation.

CRL LED Lighting Components

- Two Popular Stock Colors: Warm White and Cool White
- 50,000 Hour LED Life
- Low Voltage 24 Volt DC Power
- Only 4.3 Watts Per Foot
- Meet A.D.A. Requirements for Hand Railing Diameters

LED (Light-Emitting Diode) technology is the latest evolution in lighting, and offers many benefits over older, traditional lighting technologies, such as fluorescent lamps. LED products use up to 70% less energy than fluorescent lamps, are highly durable, able to withstand cold environments, contain no mercury, and are cool to the touch. With six times the expected lifetime of a fluorescent lamp, LED lighting systems require less maintenance and won't suffer from expensive relamping trips to the field.

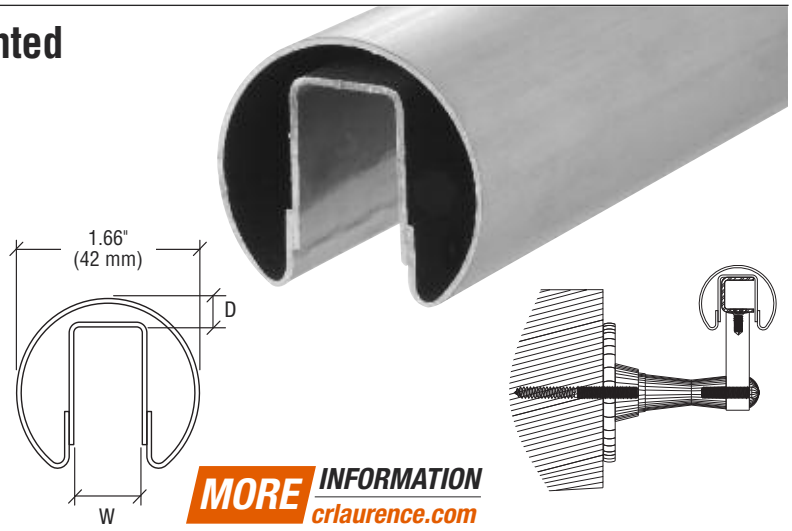


LED Light Strips in CRL Hand Railing installed at CityCenter, Las Vegas

CRL Premium Cap Rail for Wall Mounted Hand Rail LED Lighting Applications

- 1.66" (42 mm) Diameter Premium Cap Railing Designed for Use With CRL's LED Lighting Systems

This profile of our #304 stainless Premium Cap Rail is the ideal size for use with our LED Lighting. All CRL Premium Cap Railings are formed using precision tooling to maintain uniform diameters, allowing for smooth hairline transitions at splices, corners, and end caps. The internal channel is welded in place to increase strength and stability for fabrication. Use of our Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement (see page HR217) is required to achieve a secure and permanent bond at all connections.

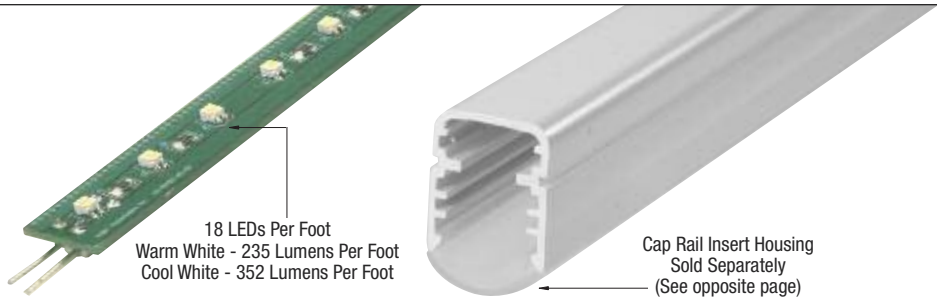


120" (3.05 M) LENGTH CAT. NO.	168" (4.27 M) LENGTH CAT. NO.	FINISH	"W" WIDTH	"D" DEPTH	MATERIAL THICKNESS	USE CONNECTOR SLEEVE NO.
GR16BS	GR16BS14	Brushed Stainless	3/4" (19 mm)	1/4" (6 mm)	.0625" (1.6 mm)	▲ GR16CSS
GR16PS	GR16PS14	Polished Stainless	3/4" (19 mm)	1/4" (6 mm)	.0625" (1.6 mm)	▲ GR16CSS

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Must ship common carrier. ▲ See page HR193 for Connector Sleeves.

CRL LED Strip Lights

- Low Voltage Lighting Available in Five Stock Sizes
- Two Popular Stock Colors: Warm and Cool White
- Custom Colors Also Available on Special Order



WARM WHITE CAT. NO.	COOL WHITE CAT. NO.	STRIP LENGTH
LED24WW	LED24CW	24" (610 mm)
LED36WW	LED36CW	36" (914 mm)
LED48WW	LED48CW	48" (1219 mm)
LED60WW	LED60CW	60" (1524 mm)
LED72WW	LED72CW	72" (1829 mm)

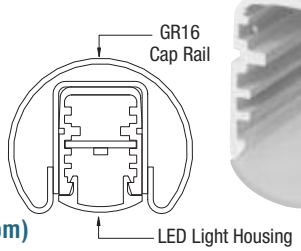
Minimum order: 1 each.

CRL LED Strip Lights have 18 LEDs per foot, which are spaced 3/4" (19 mm) on center. Available in stock lengths from 24" to 72" (610 to 1829 mm), they can be cut down every 4" (102 mm) on a pre-marked line, and connected together for longer applications.

Cool White has a blue hue or appearance, while the Warm White has a more traditional yellow hue. CRL LED Strip Lights work with our Low Voltage Driver and Enclosure Box (see opposite page). They do not come with a plug.

CRL Cap Rail Housing Insert With Frosted Lens for LED Strip Lights

- Illuminate CRL Cap Rails When Used in Hand Rail Applications
- Installs With LED Housing Mounting Clips
  (See Cat. No. LEDMC1 at crlaurence.com)





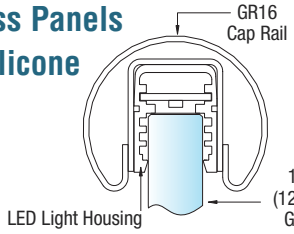
This CRL Cap Rail Housing Insert for LED Strip Lights fits into the glass pocket of our Cap Rails, allowing for installation of LED Strip Lights that illuminate the area below the Cap Rail. The Insert has multiple LED placement slots for varied lighting effects, comes with a frosted plastic lens cover, and acts as an insulated wire raceway. LED Strip Lights must be ordered separately (see opposite page).

INSERT WITH LENS COVER CAT. NO.	LENGTH
LEDSQ6	72" (1829 mm)

Minimum order: 1 each.

CRL Cap Rail Housing Insert for Glass Panel Edge Lighting

- For Use With CRL Cap Rails When Edge Lighting Glass Panels
- Installs With CRL 95C Silicone and Housing Shims
  (See Cat. Nos. LEDST1 Shim Pack and LEDMC1 Mounting Clip at crlaurence.com)





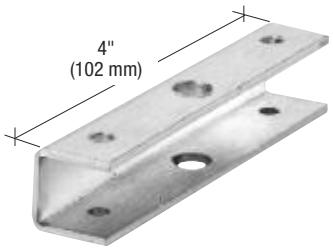
This CRL Cap Rail Housing Insert slips over the 1/2" (12 mm) glass panel and provides a protected securing channel for the glass. It also has a slot for the LED Light Strip and an insulated wire raceway behind the LED Light Strip. Permanent securing is achieved by applying a bead of Cat. No. 95CBL Black Silicone (see page HR048) in the pocket on either side of the glass. LED Strip Lights must be ordered separately (see opposite page).

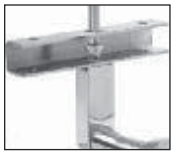
INSERT ONLY CAT. NO.	LENGTH
LEDCR6	72" (1829 mm)

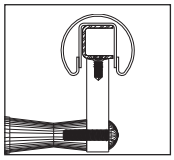
Minimum order: 1 each.

CRL Wall Mounted Hand Rail Bracket Saddle Adapter

- Allows LED Wiring to Pass Through Without Interruption
- Designed for Use With CRL's HR2D and HR2S Hand Rail Brackets
  (See Pages HR201-HR202)







CRL's Saddle Adapters are designed to allow all LED wiring to travel unobstructed inside the hand rail along wall mounted and glass mounted hand rail applications. Screws are included.

CAT. NO.	FINISH
LEDS1BS	Brushed Stainless
LEDS1PS	Polished Stainless

Minimum order: 1 each.

CRL Low Voltage LED Driver



- 100W 24V Driver Provides 24V DC
- 120V to 277V Universal Input
- UL Class 2 Rated
- Powers Up to 20'-0" of Lighting With 14 Gauge Wire
- For Dry and Damp Locations

The Low Voltage LED Driver converts 120/240 Volt AC into low voltage DC power. These solid-state units have special circuitry to provide only the voltage and current demand required by the LEDs, and no more.

CAT. NO.	DESCRIPTION
PT10024	100 Watt - 24 Volt DC LED Driver

Minimum order: 1 each.

UL is a registered trademark of UL LLC.

CRL LED Driver Enclosure Box

- Nema 3R Screw Cover Rain Proof Box
- Holds Up to Two LED Drivers
- Designed for Interior and Exterior Use



Height: 10" (254 mm)
Width: 8" (203 mm)
Depth: 4" (102 mm)

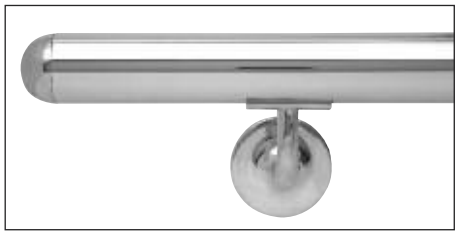
This Driver Enclosure Box is made of steel and painted gray. It has plenty of room to accommodate two of the LED Drivers shown at left. It prevents tampering and protects the Drivers.

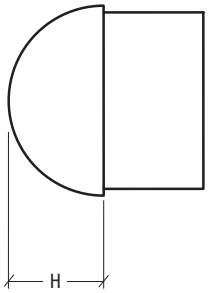
CAT. NO.	DESCRIPTION
EJ1084	LED Driver Enclosure Box

Minimum order: 1 each.

CRL Dome End Caps

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard





MORE INFORMATION
crlaurence.com



NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

DOME END CAPS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"H" HEIGHT
HR15DBS	Brushed Stainless	3/4" (19 mm)
HR15DPS	Polished Stainless	3/4" (19 mm)
HR15DPB	Polished Brass	3/4" (19 mm)

Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

DOME END CAPS FOR 2" (51 MM) TUBING

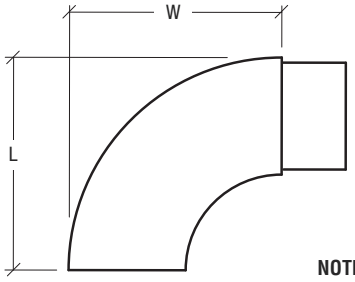
CAT. NO.	FINISH	"H" HEIGHT
HR20DBS	Brushed Stainless	1" (25 mm)
HR20DPS	Polished Stainless	1" (25 mm)
HR20DPB	Polished Brass	1" (25 mm)

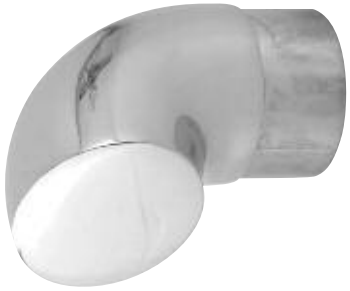
Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

CRL 90 Degree Flush Angle Ends

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard







NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

90 DEGREE FLUSH ANGLE ENDS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"L" LENGTH	"W" WIDTH
HR15RBS	Brushed Stainless	2-3/4" (70 mm)	2-3/4" (70 mm)
HR15RPS	Polished Stainless	2-3/4" (70 mm)	2-3/4" (70 mm)
HR15RPB	Polished Brass	2-3/4" (70 mm)	2-3/4" (70 mm)

Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

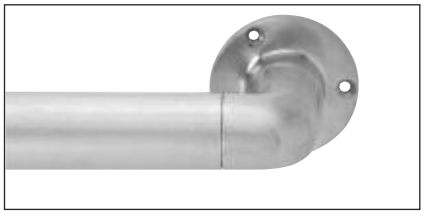
90 DEGREE FLUSH ANGLE ENDS FOR 2" (51 MM) TUBING

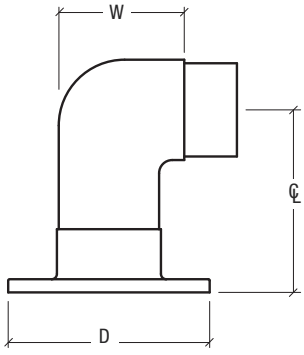
CAT. NO.	FINISH	"L" LENGTH	"W" WIDTH
HR20RBS	Brushed Stainless	3-5/32" (80 mm)	3-11/32" (85 mm)
HR20RPS	Polished Stainless	3-5/32" (80 mm)	3-11/32" (85 mm)
HR20RPB	Polished Brass	3-5/32" (80 mm)	3-11/32" (85 mm)

Minimum order: 1 each. All Railing End Caps can be combined for quantity pricing.

CRL Flush Wall Returns

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard
- Comes With Mounting Hardware





NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).



FLUSH WALL RETURNS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"D"	"W"	"C/L"
HR15QBS	Brushed Stainless	3" (76 mm)	1-7/8" (48 mm)	2-3/4" (70 mm)
HR15QPS	Polished Stainless	3" (76 mm)	1-7/8" (48 mm)	2-3/4" (70 mm)
HR15QPB	Polished Brass	3" (76 mm)	1-7/8" (48 mm)	2-3/4" (70 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

FLUSH WALL RETURNS FOR 2" (51 MM) TUBING

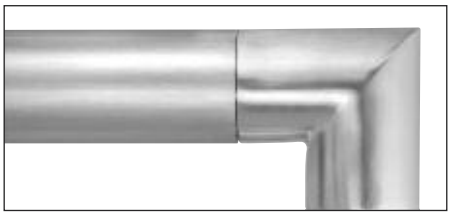
CAT. NO.	FINISH	"D"	"W"	"C/L"
HR20QBS	Brushed Stainless	4" (102 mm)	2-1/2" (64 mm)	3" (76 mm)
HR20QPS	Polished Stainless	4" (102 mm)	2-1/2" (64 mm)	3" (76 mm)
HR20QPB	Polished Brass	4" (102 mm)	2-1/2" (64 mm)	3" (76 mm)

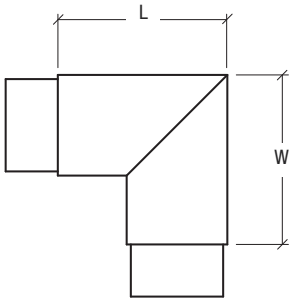
Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Mitered Style 90 Degree Corners

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard

MORE INFORMATION crlaurence.com







NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

MITERED STYLE 90 DEGREE CORNERS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"L" LENGTH	"W" WIDTH
HR15MCBS	Brushed Stainless	2-3/8" (60 mm)	2-3/8" (60 mm)
HR15MCPS	Polished Stainless	2-3/8" (60 mm)	2-3/8" (60 mm)
HR15MCPB	Polished Brass	2-3/8" (60 mm)	2-3/8" (60 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

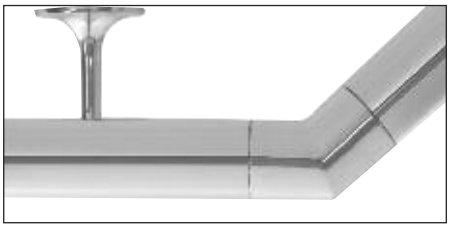
MITERED STYLE 90 DEGREE CORNERS FOR 2" (51 MM) TUBING

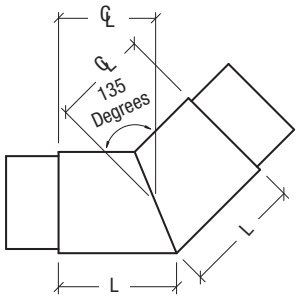
CAT. NO.	FINISH	"L" LENGTH	"W" WIDTH
HR20MCBS	Brushed Stainless	3-1/8" (80 mm)	3-1/8" (80 mm)
HR20MCPS	Polished Stainless	3-1/8" (80 mm)	3-1/8" (80 mm)
HR20MCPB	Polished Brass	3-1/8" (80 mm)	3-1/8" (80 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL 135 Degree Flush Angles

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard







NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

135 DEGREE FLUSH ANGLES FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"L" LENGTH	"C/L"
HR15MBS	Brushed Stainless	1-3/4" (45 mm)	1-7/16" (37 mm)
HR15MPS	Polished Stainless	1-3/4" (45 mm)	1-7/16" (37 mm)
HR15MPB	Polished Brass	1-3/4" (45 mm)	1-7/16" (37 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

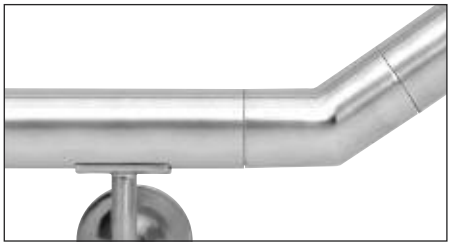
135 DEGREE FLUSH ANGLES FOR 2" (51 MM) TUBING

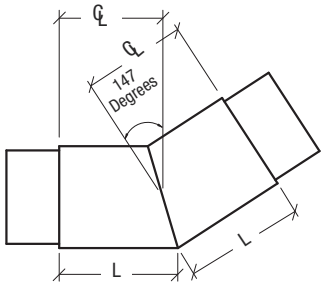
CAT. NO.	FINISH	"L" LENGTH	"C/L"
HR20MBS	Brushed Stainless	2" (51 mm)	1-9/16" (39 mm)
HR20MPS	Polished Stainless	2" (51 mm)	1-9/16" (39 mm)
HR20MPB	Polished Brass	2" (51 mm)	1-9/16" (39 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL 147 Degree Flush Angles

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard







NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

147 DEGREE FLUSH ANGLES FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"L" LENGTH	"C/L"
HR15ABS	Brushed Stainless	1-3/4" (45 mm)	1-9/16" (39 mm)
HR15APS	Polished Stainless	1-3/4" (45 mm)	1-9/16" (39 mm)
HR15APB	Polished Brass	1-3/4" (45 mm)	1-9/16" (39 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

147 DEGREE FLUSH ANGLES FOR 2" (51 MM) TUBING

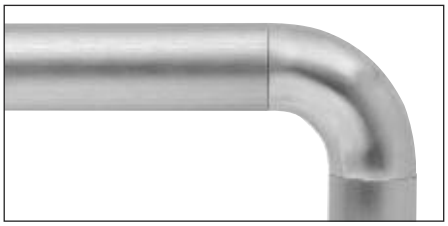
CAT. NO.	FINISH	"L" LENGTH	"C/L"
HR20ABS	Brushed Stainless	2" (51 mm)	1-11/16" (42 mm)
HR20APS	Polished Stainless	2" (51 mm)	1-11/16" (42 mm)
HR20APB	Polished Brass	2" (51 mm)	1-11/16" (42 mm)

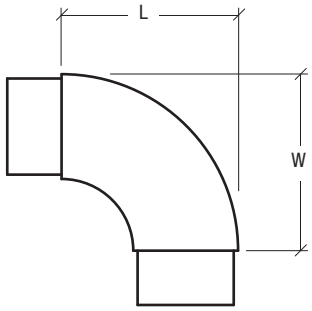
Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL EZ Radius 90 Degree Corners

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard

MORE INFORMATION crlaurence.com







NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

EZ RADIUS 90 DEGREE CORNERS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"L" LENGTH	"W" WIDTH
HR15CBS	Brushed Stainless	2-9/16" (65 mm)	2-9/16" (65 mm)
HR15CPS	Polished Stainless	2-9/16" (65 mm)	2-9/16" (65 mm)
HR15CPB	Polished Brass	2-9/16" (65 mm)	2-9/16" (65 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

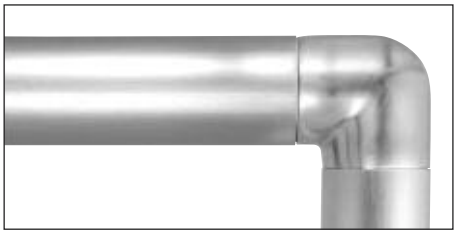
EZ RADIUS 90 DEGREE CORNERS FOR 2" (51 MM) TUBING

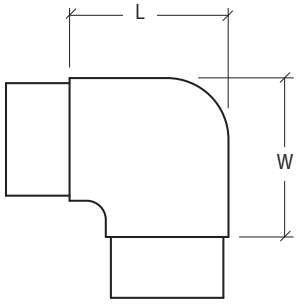
CAT. NO.	FINISH	"L" LENGTH	"W" WIDTH
HR20CBS	Brushed Stainless	2-15/16" (75 mm)	2-15/16" (75 mm)
HR20CPS	Polished Stainless	2-15/16" (75 mm)	2-15/16" (75 mm)
HR20CPB	Polished Brass	2-15/16" (75 mm)	2-15/16" (75 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Sharp Radius 90 Degree Corners

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard







NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

SHARP RADIUS 90 DEGREE CORNERS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"L" LENGTH	"W" WIDTH
HR15HBS	Brushed Stainless	2" (51 mm)	2" (51 mm)
HR15HPS	Polished Stainless	2" (51 mm)	2" (51 mm)
HR15HPB	Polished Brass	2" (51 mm)	2" (51 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

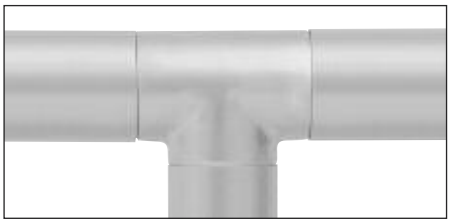
SHARP RADIUS 90 DEGREE CORNERS FOR 2" (51 MM) TUBING

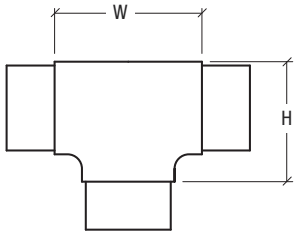
CAT. NO.	FINISH	"L" LENGTH	"W" WIDTH
HR20HBS	Brushed Stainless	2-3/8" (60 mm)	2-3/8" (60 mm)
HR20HPS	Polished Stainless	2-3/8" (60 mm)	2-3/8" (60 mm)
HR20HPB	Polished Brass	2-3/8" (60 mm)	2-3/8" (60 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Flush Tees

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard







NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

FLUSH TEES FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"H" HEIGHT	"W" WIDTH
HR15KBS	Brushed Stainless	2" (51 mm)	2-7/16" (61 mm)
HR15KPS	Polished Stainless	2" (51 mm)	2-7/16" (61 mm)
HR15KPB	Polished Brass	2" (51 mm)	2-7/16" (61 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

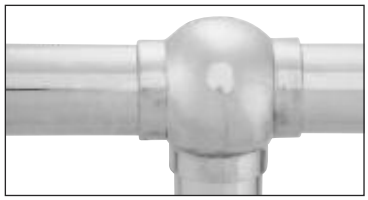
FLUSH TEES FOR 2" (51 MM) TUBING

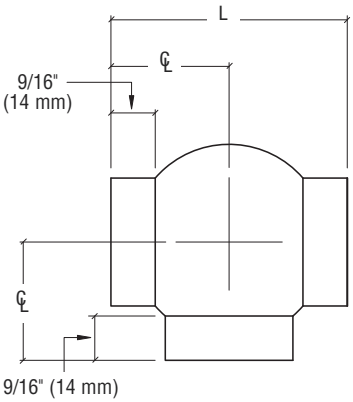
CAT. NO.	FINISH	"H" HEIGHT	"W" WIDTH
HR20KBS	Brushed Stainless	2-3/8" (60 mm)	2-11/16" (69 mm)
HR20KPS	Polished Stainless	2-3/8" (60 mm)	2-11/16" (69 mm)
HR20KPB	Polished Brass	2-3/8" (60 mm)	2-11/16" (69 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Ball Type Tees

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard
- Comes With Mounting Screws





MORE INFORMATION crlaurence.com



NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

2-5/8" (66 MM) BALL TYPE TEES FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"L"	"C/L"
HR15BKBS	Brushed Stainless	3-1/8" (80 mm)	1-9/16" (40 mm)
HR15BKPS	Polished Stainless	3-1/8" (80 mm)	1-9/16" (40 mm)
HR15BKPB	Polished Brass	3-1/8" (80 mm)	1-9/16" (40 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

3-5/16" (84 MM) BALL TYPE TEES FOR 2" (51 MM) TUBING

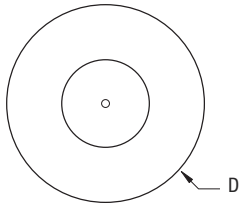
CAT. NO.	FINISH	"L"	"C/L"
HR20BKBS	Brushed Stainless	3-5/8" (92 mm)	1-13/16" (46 mm)
HR20BKPS	Polished Stainless	3-5/8" (92 mm)	1-13/16" (46 mm)
HR20BKPB	Polished Brass	3-5/8" (92 mm)	1-13/16" (46 mm)

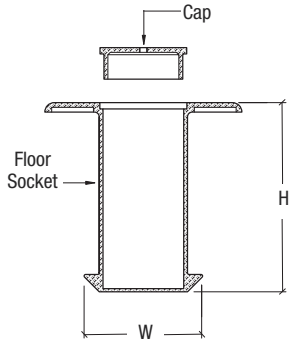
Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Floor Sockets With Cap

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard









FLOOR SOCKET WITH CAP FOR 2" (51 MM) TUBING

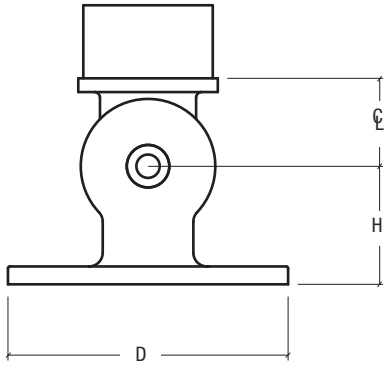
CAT. NO.	FINISH	"D"	"H"	"W"
HR20FSBS	Brushed Stainless	5" (125 mm)	4-3/4" (120 mm)	3-1/4" (83 mm)
HR20FSPS	Polished Stainless	5" (125 mm)	4-3/4" (120 mm)	3-1/4" (83 mm)
HR20FSPB	Polished Brass	5" (125 mm)	4-3/4" (120 mm)	3-1/4" (83 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Adjustable Flanges

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard





NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).



ADJUSTABLE FLANGES FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"D"	"H"	"C/L"
HR15PFBS	Brushed Stainless	3" (76 mm)	1-1/4" (32 mm)	15/16" (24 mm)
HR15PFPS	Polished Stainless	3" (76 mm)	1-1/4" (32 mm)	15/16" (24 mm)
HR15PFPB	Polished Brass	3" (76 mm)	1-1/4" (32 mm)	15/16" (24 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing. Comes with mounting screws.

ADJUSTABLE FLANGES FOR 2" (51 MM) TUBING

CAT. NO.	FINISH	"D"	"H"	"C/L"
HR20PFBS	Brushed Stainless	4" (102 mm)	1-11/16" (43 mm)	1-1/4" (32 mm)
HR20PFPS	Polished Stainless	4" (102 mm)	1-11/16" (43 mm)	1-1/4" (32 mm)

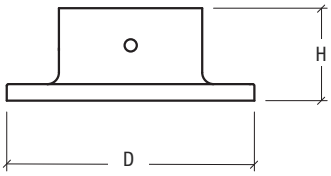
Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing. Comes with mounting screws.

CRL Full Flanges

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard

MORE INFORMATION crlaurence.com







NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

FULL FLANGES FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"D"	"H"
HR15YBS	Brushed Stainless	2-15/16" (75 mm)	1-1/8" (28 mm)
HR15YPS	Polished Stainless	2-15/16" (75 mm)	1-1/8" (28 mm)
HR15YPB	Polished Brass	2-15/16" (75 mm)	1-1/8" (28 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing. Comes with #12 x 2" (51 mm) Flat Head Phillips Wood mounting screws.

FULL FLANGES FOR 2" (51 MM) TUBING

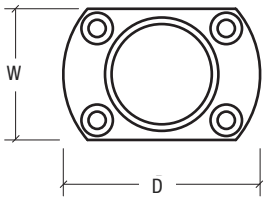
CAT. NO.	FINISH	"D"	"H"
HR20YBS	Brushed Stainless	3-15/16" (100 mm)	1-3/16" (30 mm)
HR20YPS	Polished Stainless	3-15/16" (100 mm)	1-3/16" (30 mm)
HR20YPB	Polished Brass	3-15/16" (100 mm)	1-3/16" (30 mm)

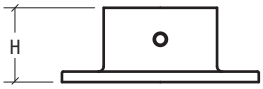
Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing. Comes with #12 x 2" (51 mm) Flat Head Phillips Wood mounting screws.

CRL Cut Flanges

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard









NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

CUT FLANGES FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"D"	"W"	"H"
HR15ZBS	Brushed Stainless	2-15/16" (75 mm)	2" (51 mm)	1-1/8" (28 mm)
HR15ZPS	Polished Stainless	2-15/16" (75 mm)	2" (51 mm)	1-1/8" (28 mm)
HR15ZPB	Polished Brass	2-15/16" (75 mm	2" (51 mm)	1-1/8" (28 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing. Comes with #12 x 2" (51 mm) Flat Head Phillips Wood mounting screws.

CUT FLANGES FOR 2" (51 MM) TUBING

CAT. NO.	FINISH	"D"	"W"	"H"
HR20ZBS	Brushed Stainless	4" (102 mm)	2-5/8" (67 mm)	1-1/8" (28 mm)
HR20ZPS	Polished Stainless	4" (102 mm)	2-5/8" (67 mm)	1-1/8" (28 mm)
HR20ZPB	Polished Brass	4" (102 mm)	2-5/8" (67 mm)	1-1/8" (28 mm)

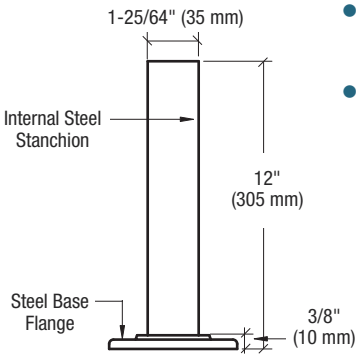
Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing. Comes with #12 x 2" (51 mm) Flat Head Phillips Wood mounting screws.

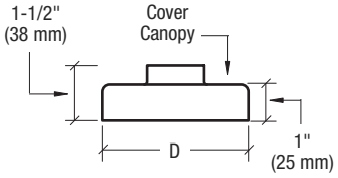
CRL Steel Flanges and Canopies

- Ready to Install
- 304 Stainless Alloy or C260 Brass Alloy Standard
- Available as a Complete Kit or the Canopy Only



Canopy slips over Steel Flange





WARNING: Not designed for Guard Rail Applications



NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

STEEL FLANGES AND CANOPIES FOR 1-1/2" (38 MM) TUBING

KIT CAT. NO.	CANOPY ONLY CAT. NO.	FINISH	"D"
HR15XBS	HR15XCBS	Brushed Stainless	4-5/8" (118 mm)
HR15XPS	HR15XCPS	Polished Stainless	4-5/8" (118 mm)
HR15XPB	HR15XCPB	Polished Brass	4-5/8" (118 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing. Comes with #12 x 2" (51 mm) Flat Head Phillips Wood mounting screws.

STEEL FLANGES AND CANOPIES FOR 2" (51 MM) TUBING

KIT CAT. NO.	CANOPY ONLY CAT. NO.	FINISH	"D"
HR20XBS	HR20XCBS	Brushed Stainless	5" (127 mm)
HR20XPS	HR20XCPS	Polished Stainless	5" (127 mm)
HR20XPB	HR20XCPB	Polished Brass	5" (127 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing. Comes with #12 x 2" (51 mm) Flat Head Phillips Wood mounting screws.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

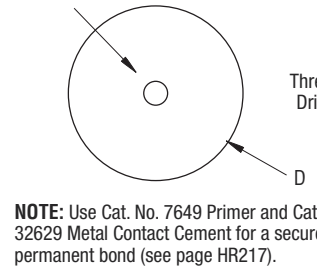
CRL Round Concealed Mounting Lug

MORE INFORMATION crlaurence.com

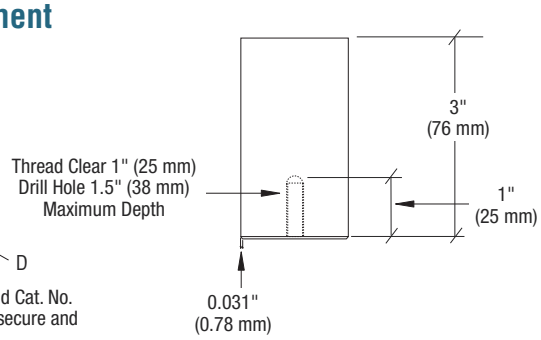
- Attaches to Substrate With All Thread or Hanger Bolt (Sold Separately)
- Secures to Tubing With Metal Contact Cement



Tubing Slips Over Lug



NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).





ROUND CONCEALED MOUNTING LUG FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	LENGTH	"D" DIAMETER
HR15CBM	Mill Aluminum	3" (76 mm)	1.38" (35 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

ROUND CONCEALED MOUNTING LUG FOR 2" (51 MM) TUBING

CAT. NO.	FINISH	LENGTH	"D" DIAMETER
HR20CBM	Mill Aluminum	3" (76 mm)	1.88" (48 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Perpendicular Collars

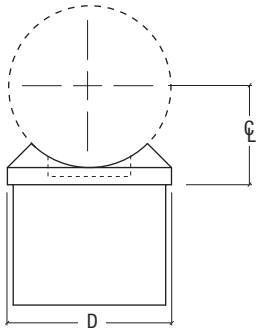
- 304 Stainless Alloy or C260 Brass Alloy Standard
- Ready to Install



PERPENDICULAR COLLARS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"D"	"C/L"
HR15PCBS	Brushed Stainless	1-1/2" (38 mm)	7/8" (22 mm)
HR15PCPS	Polished Stainless	1-1/2" (38 mm)	7/8" (22 mm)
HR15PCPB	Polished Brass	1-1/2" (38 mm)	7/8" (22 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.



NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).



PERPENDICULAR COLLARS FOR 2" (51 MM) TUBING

CAT. NO.	FINISH	"D"	"C/L"
HR20PCBS	Brushed Stainless	2" (51 mm)	1-1/4" (32 mm)
HR20PCPS	Polished Stainless	2" (51 mm)	1-1/4" (32 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Coped Perpendicular Collars

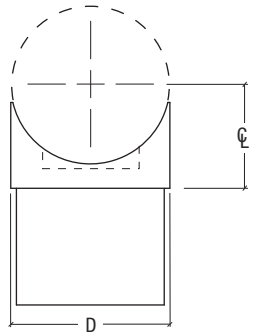
- 304 Stainless Alloy or C260 Brass Alloy Standard
- Ready to Install



COPED PERPENDICULAR COLLARS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"D"	"C/L"
HR15CCBS	Brushed Stainless	1-1/2" (38 mm)	1" (25 mm)
HR15CCPS	Polished Stainless	1-1/2" (38 mm)	1" (25 mm)
HR15CCPB	Polished Brass	1-1/2" (38 mm)	1" (25 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.



NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).



COPED PERPENDICULAR COLLARS FOR 2" (51 MM) TUBING

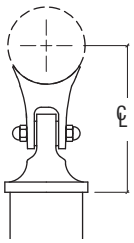
CAT. NO.	FINISH	"D"	"C/L"
HR20CCBS	Brushed Stainless	2" (51 mm)	1-1/4" (32 mm)
HR20CCPS	Polished Stainless	2" (51 mm)	1-1/4" (32 mm)
HR20CCPB	Polished Brass	2" (51 mm)	1-1/4" (32 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Adjustable Saddles

- Ready to Install
- Three Architectural Finishes
- Comes With Mounting Screws

NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).







ADJUSTABLE SADDLES FOR 1-1/2" (38 MM) TUBING

CAT. NO.	GRADE	FINISH	"C/L"
HR15VABS	316	Brushed Stainless	2-11/16" (68 mm)
HR15VAPS	316	Polished Stainless	2-11/16" (68 mm)
HR15VAPB	C260	Polished Brass	2-11/16" (68 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

ADJUSTABLE SADDLES FOR 2" (51 MM) TUBING

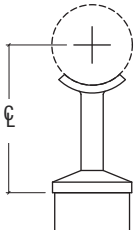
CAT. NO.	GRADE	FINISH	"C/L"
HR20VABS	316	Brushed Stainless	3-1/8" (79 mm)
HR20VAPS	316	Polished Stainless	3-1/8" (79 mm)
HR20VAPB	C260	Polished Brass	3-1/8" (79 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Straight Saddles

- Ready to Install
- Three Architectural Finishes
- Comes With Mounting Screws

NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).







STRAIGHT SADDLES FOR 1-1/2" (38 MM) TUBING

CAT. NO.	GRADE	FINISH	"C/L"
HR15VSBS	316	Brushed Stainless	2-3/4" (70 mm)
HR15VSPS	316	Polished Stainless	2-3/4" (70 mm)
HR15VSPB	C260	Polished Brass	2-3/4" (70 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

STRAIGHT SADDLES FOR 2" (51 MM) TUBING

CAT. NO.	GRADE	FINISH	"C/L"
HR20VSBS	316	Brushed Stainless	3-15/16" (100 mm)
HR20VSPS	316	Polished Stainless	3-15/16" (100 mm)
HR20VSPB	C260	Polished Brass	3-15/16" (100 mm)

Minimum order: 1 each. All Hand Rail Fittings can be combined for quantity pricing.

CRL Post Mounted Adjustable Flat Saddle Hand Rail Supports

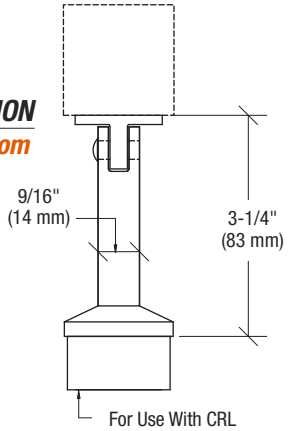
- Designed to Attach to Square Style Hand Rails

MORE INFORMATION crlaurence.com

- Two Architectural Finishes
- Ready to Install in 2" (51 mm) Diameter Posts
- Comes With Mounting Screws

CAT. NO.	GRADE	FINISH
HR20ASBS	316	Brushed Stainless
HR20ASPS	316	Polished Stainless

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.





Two Flat Head Phillips Self-Drilling 8-18 x 3/4" (19 mm) Long Stainless Steel Screws Included

NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).

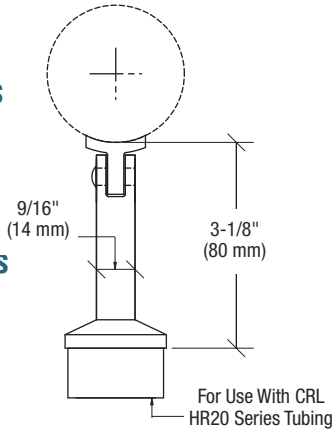


CRL Post Mounted Adjustable Radius Saddle Hand Rail Supports

- Designed to Attach to Round Style Hand Rails 1-1/2" to 2" (38 mm to 51 mm) in Diameter
- Comes With Mounting Screws
- Two Architectural Finishes
- Ready to Install in 2" (51 mm) Diameter Posts
- Comes With Mounting Screws

CAT. NO.	GRADE	FINISH
HR20ARBS	316	Brushed Stainless
HR20ARPS	316	Polished Stainless

Minimum order: 1 each. All Railing Brackets can be combined for quantity pricing.





Two Flat Head Phillips Self-Drilling 8-18 x 3/4" (19 mm) Long Stainless Steel Screws Included

NOTE: Use Cat. No. 7649 Primer and Cat. No. 32629 Metal Contact Cement for a secure and permanent bond (see page HR217).



CRL Loctite® Metal Contact Cement

- Permanently Bonds Cap Rails, Hand Rails, and Their Accessories With Superior Strength Holding Power Up to 2,700 psi

SPEC. DATA ONLINE

MSDS ONLINE

MORE INFORMATION crlaurence.com



CAT. NO. 32629
Contact Cement



CAT. NO. 7649*
60 Second Primer



CAT. NO. 7075*
5 Minute Primer

CAT. NO.	DESCRIPTION	ACTIVATION	CONTENTS
32629	Metal Contact Cement	---	1.69 Fl. Oz. (50 ml)
7649	Primer for Metal Contact Cement	60 Seconds	1.75 Fl. Oz. (52 ml)
7075	Primer for Metal Contact Cement	5 Minutes	4.5 Oz. (127 g)

Minimum order: 1 each. *No Air Shipment.

CRL Loctite® Superbonder® Adhesive

- Bonds Instantly
- No Mixing or Mess

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT

CRL Loctite® Superbonder® Adhesive sets in seconds to form a permanent transparent bond. It's effective on metal, rubber, aluminum, ceramics, vinyl, alloys, plastics, and other non-porous surfaces. Comes ready to use, with no mixing required.



CAT. NO. 49504
0.1 Oz. (3 g)



CAT. NO. 49550
1 Oz. (28.4 g)

CAT. NO.	NET WEIGHT
49504	0.1 Oz. (3 g)
49550	1 Oz. (28.4 g)

Minimum order: 1 each.

CRL Loctite® Prism® Instant Adhesives

- Fast Curing Gel Bonds Non-Porous and Porous Surfaces

SPEC. DATA ONLINE

MSDS ONLINE

NO AIR FREIGHT



CAT. NO. 45404
High Viscosity





CAT. NO. 40104
Medium Viscosity

CAT. NO. 40140
Medium Viscosity

CRL Loctite® Prism® goes beyond typical cyanoacrylate adhesives to perform on wood, leather, ceramic, paper, foam, rubber, fabric, metal, plastic or elastomeric materials. Prism® also works on acidic surfaces, such as freshly plated or coated metal parts.

CAT. NO.	DESCRIPTION	NET WEIGHT
45404	High Viscosity Gel	0.1 Oz. (3 g)
40104	Medium Viscosity Gel	0.1 Oz. (3 g)
40140	Medium Viscosity Gel	0.7 Oz. (20 g)

Minimum order: 1 each.

CRL Loctite® Threadlocker

- Locks and Seals Against Loosening
- Protects Threads Against Corrosion
- New Semi-Solid Stick

SPEC. DATA ONLINE

MSDS ONLINE



Medium Strength Stick





Medium Strength Liquid

CAT. NO.	CONTENTS
24221	.34 Fl. Oz. (10 ml) Liquid
24231	1.69 Fl. Oz. (50 ml) Liquid
37684	.32 Oz. (9 g) Stick
37087	.67 Oz. (19 g) Stick

Minimum order: 1 each.

CRL Loctite® Poxy-Pak™ Clear Two-Part Epoxy

SPEC. DATA ONLINE

MSDS ONLINE

- Pre-Measured Resin and Hardener for Easy Application
- Bonds Virtually Any Material

CRL Loctite® Poxy-Pak™ Clear Adhesive reaches handling strength in about five minutes, and fully cures in 45 to 60 minutes. It bonds metals, ceramics, concrete, wood, glass, and most plastics. May be drilled, tapped, sanded, machined, and painted after it cures.



CAT. NO.	CONTENTS
81120	1 Fl. Oz. (29 ml)

Minimum order: 1 each.

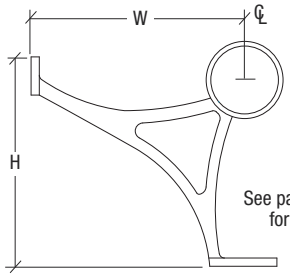
Loctite, Superbonder, and Prism are registered trademarks of Henkel Corporation.

CRL Combination Foot Railing Brackets

• Mount to Bar With Additional Support Leg to Floor

• Choice of Three Attractive Finishes

Brackets are individually packed and come with two #12 x 2" (51 mm) Phillips Flat Head Wood Screws. Tubing is secured with integral set screw.



See page HR190 for Tubing



COMBINATION BRACKETS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"W" WIDTH	"H" HEIGHT
FRCB15BS	Brushed Stainless Steel	6-1/16" (154 mm)	6-3/16" (157 mm)
FRCB15PS	Polished Stainless Steel	6-1/16" (154 mm)	6-3/16" (157 mm)
FRCB15PB	Polished Brass	6-1/16" (154 mm)	6-3/16" (157 mm)

Minimum order: 1 each. All Foot Railing Brackets can be combined for quantity pricing.

COMBINATION BRACKETS FOR 2" (51 MM) TUBING

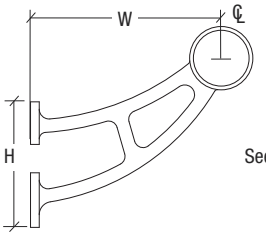
CAT. NO.	FINISH	"W" WIDTH	"H" HEIGHT
FRCB20BS	Brushed Stainless Steel	6-5/16" (160 mm)	7-3/16" (183 mm)
FRCB20PS	Polished Stainless Steel	6-5/16" (160 mm)	7-3/16" (183 mm)
FRCB20PB	Polished Brass	6-5/16" (160 mm)	7-3/16" (183 mm)

Minimum order: 1 each. All Foot Railing Brackets can be combined for quantity pricing.

CRL Bar Mount Foot Railing Brackets

• Mount to Bar Only

Brackets are individually packed and come with two #12 x 3/4" (19 mm) and one #12 x 2" (51 mm) long Phillips Flat Head Wood Screws, one 5/16 -18 x 3" (76 mm) long All Thread, one 7/8" (22 mm) diameter Washer, one Spring Lock Washer, and one 5/16" (8 mm) Hex Nut. Tubing is secured with integral set screw.



See page HR190 for Tubing





Brackets accept either 1-1/2" (38 mm) or 2" (51 mm) diameter Hand Rail Tubing.

BAR MOUNT BRACKETS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"W" WIDTH	"H" HEIGHT
FRBB15BS	Brushed Stainless Steel	6" (152 mm)	3-3/4" (93 mm)
FRBB15PS	Polished Stainless Steel	6" (152 mm)	3-3/4" (93 mm)
FRBB15PB	Polished Brass	6" (152 mm)	3-3/4" (93 mm)

Minimum order: 1 each. All Foot Railing Brackets can be combined for quantity pricing.

BAR MOUNT BRACKETS FOR 2" (51 MM) TUBING

CAT. NO.	FINISH	"W" WIDTH	"H" HEIGHT
FRBB20BS	Brushed Stainless Steel	6-7/8" (175 mm)	4-1/2" (115 mm)
FRBB20PS	Polished Stainless Steel	6-7/8" (175 mm)	4-1/2" (115 mm)
FRBB20PB	Polished Brass	6-7/8" (175 mm)	4-1/2" (115 mm)

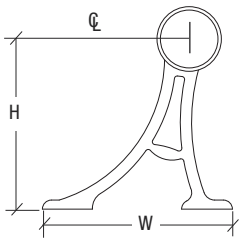
Minimum order: 1 each. All Foot Railing Brackets can be combined for quantity pricing.

CRL Floor Mount Foot Railing Brackets

• Mount to Floor Only

MORE CHOICES crlaurence.com

Brackets are individually packed and come with two #12 x 2" (51 mm) Phillips Flat Head Wood Screws. Tubing is secured with integral set screw.



NOTE: Always install shorter of two legs facing away from bar area to minimize chance of tripping over longer leg.

See page HR190 for Tubing



NOTE: Recommended maximum spacing of Foot Railing Brackets is 48" (1219 mm). Steel inserts can be used inside tubing for added strength. Contact CRL Technical Sales for details.

FLOOR MOUNT BRACKETS FOR 1-1/2" (38 MM) TUBING

CAT. NO.	FINISH	"W" WIDTH	"H" HEIGHT
FRFB15BS	Brushed Stainless Steel	6-5/16" (160 mm)	5-7/8" (149 mm)
FRFB15PS	Polished Stainless Steel	6-5/16" (160 mm)	5-7/8" (149 mm)
FRFB15PB	Polished Brass	6-5/16" (160 mm)	5-7/8" (149 mm)

Minimum order: 1 each. All Foot Railing Brackets can be combined for quantity pricing.

FLOOR MOUNT BRACKETS FOR 2" (51 MM) TUBING

CAT. NO.	FINISH	"W" WIDTH	"H" HEIGHT
FRFB20BS	Brushed Stainless Steel	6-5/8" (168 mm)	5-7/8" (149 mm)
FRFB20PS	Polished Stainless Steel	6-5/8" (168 mm)	5-7/8" (149 mm)
FRFB20PB	Polished Brass	6-5/8" (168 mm)	5-7/8" (149 mm)

Minimum order: 1 each. All Foot Railing Brackets can be combined for quantity pricing.

CRL Foot Railing End Caps

• 1-1/2" or 2" (38 or 51 mm) Diameters in Three Finishes to Match Our Foot Rail Tubing

End Caps for Foot Railing are available in three architectural finishes. Sizes are available for 1-1/2" or 2" (38 or 51 mm) Round Tubing.



Flat End Caps



Dome End Caps



Ball End Caps



Scroll End Caps

See page HR190 for Tubing

For more information go to crlaurence.com/service-rails.

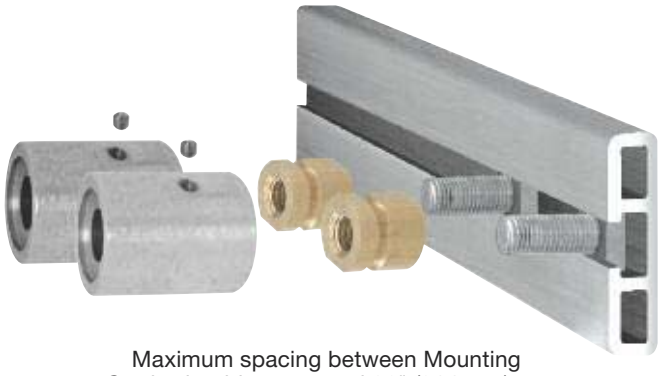
CRL Adjustable Wall Protectors

- Great for Elevators, Hallways, Corridors or Other Areas Where Walls Require Protection
- Easy to Assemble Using Component Parts
- Two Available Finishes
- Custom Powder Coated Finishes Also Available
- Two Styles of Protective End Caps

CRL Wall Protectors were designed as a quick and simple way to protect walls in areas that are subject to heavy pedestrian traffic, along with potential impact from cart and gurney activity. The extruded aluminum Wall Protector Rail comes in two standard architectural finishes, and uses a 3/4" (19 mm) diameter Slide Fitting that is fully adjustable horizontally for ease of installation.

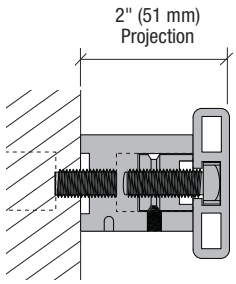


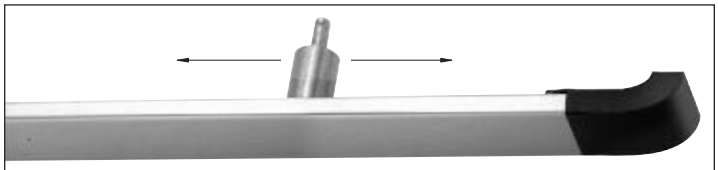
MORE INFORMATION
crlaurence.com



Maximum spacing between Mounting Studs should not exceed 36" (914 mm).

The easy to assemble parts make for quick and professional results on the job site. Simply attach the Mounting Stud to the substrate with your choice of Attachment Fasteners (see below). Then insert the Slide Fitting into the Mounting Stud and tighten the set screw. In just a few easy steps you can install a complete assembly.

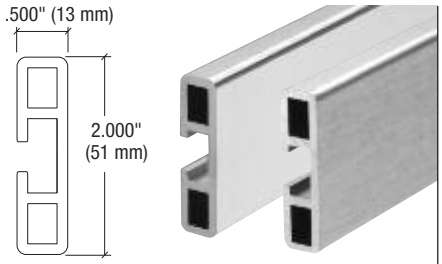




Mounting Stud slides to allow perfect horizontal fit.

CRL Extruded Aluminum Wall Protector Rails

- Two Finishes Available

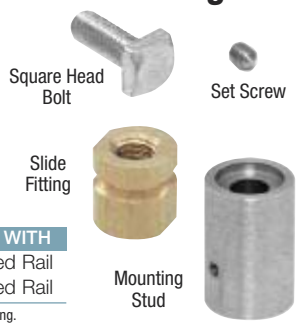


CAT. NO.	FINISH	STOCK LENGTH
WPR2BA	Buffed Brite Anodized	12'-2" (3.7 m)
WPR2BSH	Brushed Stainless Anodized	12'-2" (3.7 m)

Minimum order: 1 each. Stock lengths longer than 108" (2.74 m) must ship common carrier, unless you request we cut them for U.P.S. A Cutting Charge will apply. Finishes can be combined for quantity pricing.

CRL Mounting Stud and Slide Fitting Kit

- Sold as a Complete Package (Except Mounting Stud Fasteners)
- Finishes to Match Protector Rails



CAT. NO.	FOR USE WITH
WPR2MBA	Buffed Brite Anodized Rail
WPR2MBSH	Brushed Stainless Anodized Rail

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Mounting Stud Fasteners



3/8"-16 Concrete Anchor | 3/8"-16 Allen Screw | 3/8"-16 Hanger Bolt

CRL Mounting Stud Fasteners for Wall Protectors are stainless steel, with a 3/8"-16 thread size.

CAT. NO.	DESCRIPTION	THREAD SIZE	LENGTH
CA1222	Concrete Anchor	3/8"-16	2-1/4" (57 mm)
AS38112	Allen Screw	3/8"-16	1-1/2" (38 mm)
HB383S	Hanger Bolt	3/8"-16	3" (76 mm)

Minimum order: 1 each for Anchors or Bolts; 10 each for Allen Screws.

CRL Flush End Cap



CAT. NO. WPEC1BL

CRL Return End Cap



CAT. NO. WPEC2BL

CAT. NO.	MATERIAL	DESCRIPTION
WPEC1BL	Black Plastic	Flush End Cap
WPEC2BL	Black Plastic	Return End Cap

Minimum order: 1 each. Supplied with self-drilling mounting screws.

CRL Glass Windscreen Systems

MORE INFORMATION crlaurence.com



- Great for Glass Windscreens, Pool Enclosures, Perimeter Fencing, Sound Barriers, Balcony Windbreaks, and Other View Oriented Applications
- Designed and Engineered From 316 Alloy Stainless Steel or T52 Tempered 6063 Alloy Aluminum
- Custom Fabrication is Also Available to Meet Your Specifications

CRL Glass Windscreen Systems are developed to provide an attractive maintenance-free full vision appeal for any commercial or residential application. All CRL Glass Windscreen Systems can be easily mounted to a concrete slab, block wall or steel substrate. The systems support a wide range of glass panel thicknesses for monolithic and laminated tempered glass applications. If our stock components do not fit your application, allow CRL to design and engineer a system that can. CRL has the ability to design, engineer and fabricate a custom system that will satisfy not only your needs for safety and security, but also your artistic tastes. For additional information go to **crlaurence.com/glass-windscreens**.
NOTE: Not Designed for Guard Rail Applications.

Visual Appeal - Noise Reduction - Privacy
Flexibility - Low Maintenance - Structural Integrity











Project: Pool Enclosure at Apartment Complex, Culver City, CA
System: Frameless 1/2" (12 mm) Glass Windscreen System



Project: Private Residence, Pacific Palisades, CA
System: Frameless 1/2" (12 mm) Glass Windscreen System



Project: W Hotel, Hollywood, CA
System: Frameless 1/2" (12 mm) Glass Windscreen System



Online Photo Gallery

When you visit **crlaurence.com/gallery** you can view our photo galleries of finished projects. It's a great way to show your customers what can be accomplished when they specify CRL Architectural Hardware Products.



Project: Private Residence, Pacific Palisades, CA
System: Frameless 1/2" (12 mm) Glass Windscreen System

CRL Frameless Windscreen Clamp System

Pages HR223- HR227





CRL's Frameless Glass Windscreen Clamp System is typically used for windscreens or pool deck surrounds. They were developed to create a windscreen that minimizes distractions from vertical or horizontal frame members. CRL has multiple designs to choose from that are manufactured for surface, core, and fascia mounted applications. Two architectural stainless steel finishes are available from stock.

CRL Frameless Windscreen Base Shoe System

Pages HR228 - HR231



W5B Series
3/8" to 1/2 (10 to 12 mm)
Glazing



W7B Series
3/4" (19 mm)
Glazing



Cladding in
Six Finishes



TL3X10
TAPER-LOC®
Tapers



CRL's Frameless Windscreen Base Shoe System is typically used for windbreaks, pool decks, and glass fencing surrounds. This system minimizes visual distractions for virtually unobstructed views it provides. CRL has multiple profiles to select from for monolithic tempered and laminated tempered glass, and cladding in six architectural finishes.

CRL AWS Aluminum Windscreen System

Pages HR232 - HR246

Round or Rectangular Post Kits

U.S. Patent No. 7,730,677





CRL's Aluminum Windscreen System was developed to provide a sturdy low maintenance transparent glass fence. This system is offered in seven standard powder coated finishes, and can be mounted to a wide range of substrates.

CRL Gate Systems and Hardware

MORE INFORMATION crlaurence.com

Pages HR247 - HR257





Gates are an integral part of most glass fencing projects. CRL offers a range of gate components for residential or commercial applications. Offered in multiple architectural finishes, these components will complement the total installation.

CRL Core Mount Friction Fit Frameless Windscreen Clamps

- No Glass Fabrication Required
- 316L Low Carbon Marine Grade Stainless Steel
- For Use in Core Drilled Holes
- For 1/2" (12 mm) Tempered Monolithic Glass

USE MONOLITHIC TEMPERED GLASS

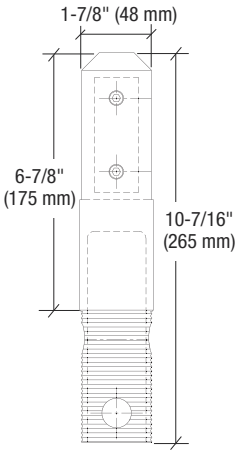
CRL Core Mount Friction Fit Windscreen Clamps are designed for insertion in core-drilled holes in a deck or on top of a wall. No glass fabrication is required and the glass is secured by two set screws pushing on a plate. A garnish ring is included to conceal the core hole. To secure the clamp in the hole we suggest you use Kwixset® Expanding Cement (see page HR274).

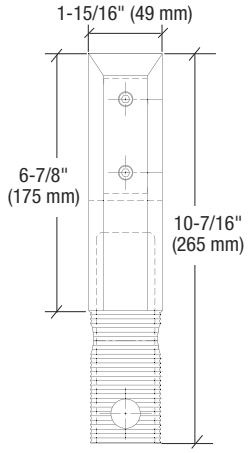


Round Series



Square Series





ROUND CAT. NO.	SQUARE CAT. NO.	FINISH
FWCR10BS	FWCS10BS	Brushed Stainless
FWCR10PS	FWCS10PS	Polished Stainless

Minimum order: 1 each. All Windscreen Clamps can be combined for quantity pricing.

CRL Surface Mount Friction Fit Frameless Windscreen Square Clamp

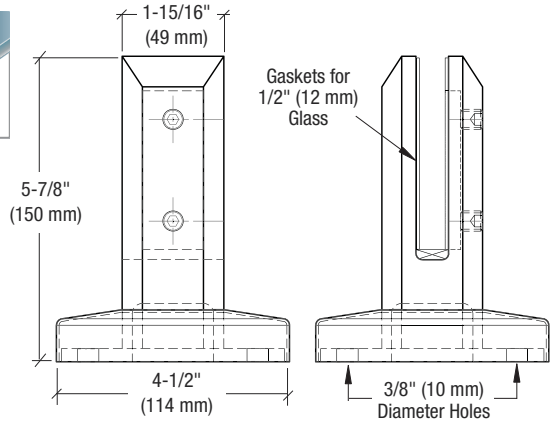
- No Glass Fabrication Required
- 316L Low Carbon Marine Grade Stainless Steel
- For Use With Surface Mount Applications
- For 1/2" (12 mm) Tempered Monolithic Glass

USE MONOLITHIC TEMPERED GLASS

CRL Surface Mount Friction Fit Windscreen Clamps are designed for mounting to tiles, concrete and wood decking where core drilling is not possible. No glass fabrication is required and the glass is firmly secured by tightening two set screws. A garnish ring is included to conceal the mounting points.



MORE INFORMATION crlaurence.com



CAT. NO.	FINISH
FWCS20BS	Brushed Stainless
FWCS20PS	Polished Stainless

Minimum order: 1 each. All Windscreen Clamps can be combined for quantity pricing.

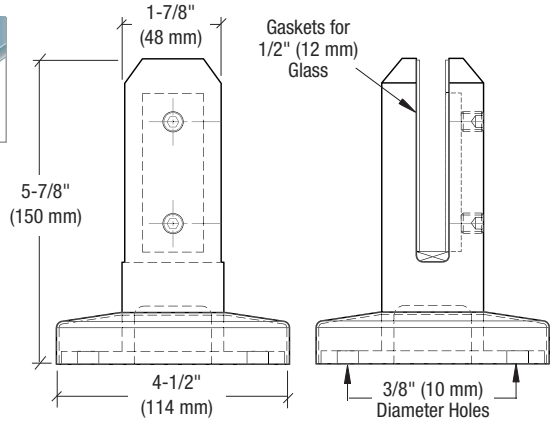
CRL Surface Mount Friction Fit Frameless Windscreen Round Clamp

- No Glass Fabrication Required
- 316L Low Carbon Marine Grade Stainless Steel
- For Use With Surface Mount Applications
- For 1/2" (12 mm) Tempered Monolithic Glass

USE MONOLITHIC TEMPERED GLASS

CRL Surface Mount Friction Fit Windscreen Clamps are designed for mounting to tiles, concrete and wood decking where core drilling is not possible. No glass fabrication is required and the glass is firmly secured by tightening two set screws. A garnish ring is included to conceal the mounting points.





CAT. NO.	FINISH
FWCR20BS	Brushed Stainless
FWCR20PS	Polished Stainless

Minimum order: 1 each. All Windscreen Clamps can be combined for quantity pricing.

For Replacement Garnish Rings go to **crlaurence.com/glass-windscreens**.

CRL Frameless Windscreen Clamp System

- Gives the 'All-Glass' Frameless Look to Windscreens or Pool Surrounds
- Core-Mounted, Surface-Mounted, or Side-Mounted Styles for 3/8", 1/2", and 9/16" (10, 12, and 13.52 mm) Glass
- 316 Alloy Stainless Steel in Two Finishes
- Custom Powder Coated Finishes Also Available



or



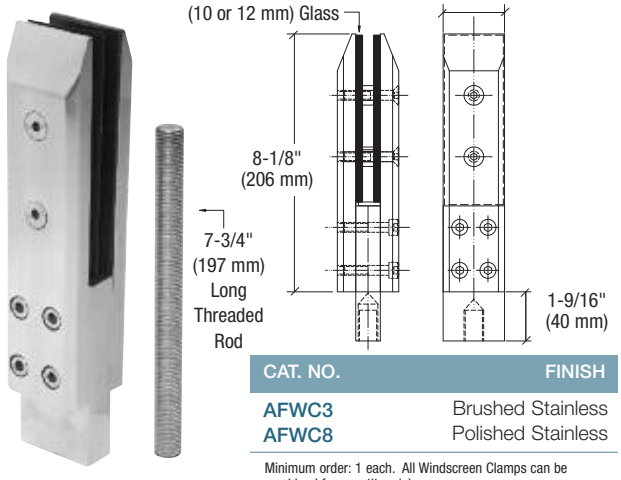


CRL Frameless Windscreen Clamps are typically used to create a tempered glass windscreen or pool surround with minimal distractions from vertical or horizontal frame members. Core mount styles are designed for insertion in core-drilled holes in a concrete deck, which are then filled with expanding cement. There is also a Windscreen Clamp designed to be mounted on the face of a wall or planter box. And now you can select one of our new Surface Mount Models. Custom powder-painted finishes are also available. **NOTE:** CRL is an international supplier, and suggests you check local building codes to confirm these Frameless Windscreen Clamps meet local regulations. Windscreen Clamps are not designed for guard rail applications.

MORE INFORMATION crlaurence.com

CRL Three-Piece Core Mount Frameless Windscreen Clamp

- 316 Alloy Stainless Steel
- 16 mm Rod Easily Inserts Into Core-Drilled Hole
- Designed for 3/8" or 1/2" (10 or 12 mm) Tempered Monolithic Glass and 9/16" (13.52 mm) Tempered Laminated Glass



CRL Three-Piece Core Mount Frameless Windscreen Clamps are designed for insertion in core-drilled holes in a deck or on top of a wall. They are supplied with a 16 mm threaded rod that screws into the bottom for additional support.

All necessary hardware is packaged with the Clamp. Glass fabrication requires two 3/4" (19 mm) holes per Clamp. Instruction sheet and glass fabrication templates are supplied. To secure Clamp in hole we suggest you use Kwikset™ Expanding Cement (see page HR274).

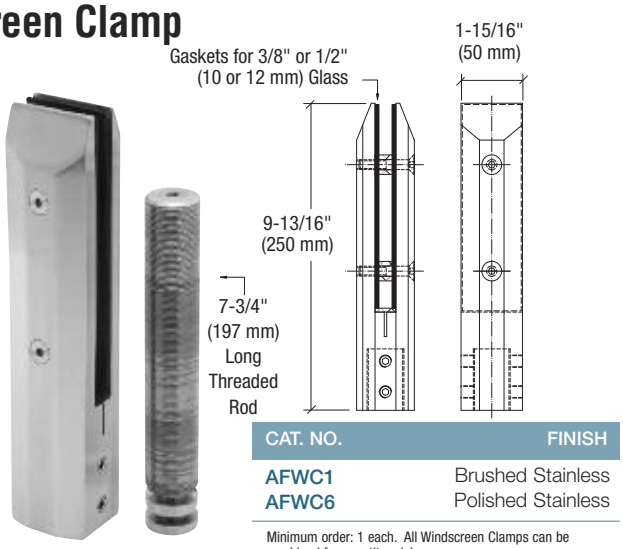
Garnish Rings are available for covering the Clamp's base. Cat. No. AFWC3G fits AFWC3 Clamp, and Cat. No. AFWC8G fits AFWC8 Clamp. Visit **crlaurence.com/glass-windscreens** for complete details.

CAT. NO.	FINISH
AFWC3	Brushed Stainless
AFWC8	Polished Stainless

Minimum order: 1 each. All Windscreen Clamps can be combined for quantity pricing.

CRL One-Piece Core Mount Frameless Windscreen Clamp

- 316 Alloy Stainless Steel
- 30 mm Rod Easily Inserts Into Core-Drilled Hole
- Designed for 3/8" or 1/2" (10 or 12 mm) Tempered Monolithic Glass and 9/16" (13.52 mm) Tempered Laminated Glass



CRL One-Piece Core Mount Frameless Windscreen Clamps are designed for insertion in core-drilled holes in a deck or on top of a wall. They are supplied with a 30 mm grooved stainless steel rod that fits into the bottom of the Clamp and is secured with set screws for additional support.

All necessary hardware is packaged with the Clamp. Glass fabrication requires two 3/4" (19 mm) holes per Clamp. Instruction sheet and glass fabrication templates are supplied. To secure Clamp in hole we suggest you use Kwikset™ Expanding Cement (see page HR274).

Garnish Rings are available for for covering the Clamp's base. Cat. No. AFWC1G fits AFWC1 Clamp, and Cat. No. AFWC6G fits AFWC6 Clamp. Visit **crlaurence.com/glass-windscreens** for complete details.

CAT. NO.	FINISH
AFWC1	Brushed Stainless
AFWC6	Polished Stainless

Minimum order: 1 each. All Windscreen Clamps can be combined for quantity pricing.

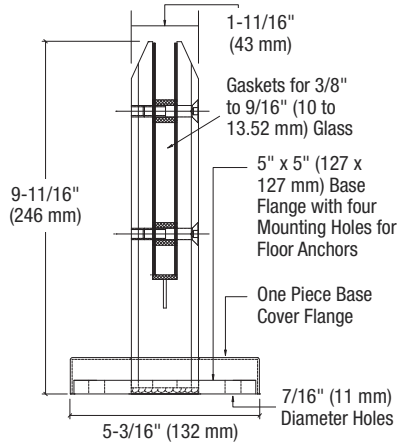
CRL Beveled One-Piece Surface Mount Frameless Windscreen Clamp

- 316 Grade Stainless Steel in Two Architectural Finishes
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Monolithic Glass and 9/16" (13.52 mm) Tempered Laminated Glass



CRL's Beveled One-Piece Surface Mount Windscreen Clamps are designed for use on a wide range of residential and commercial applications and provide an attractive low maintenance unobstructed view. These innovative Clamps can be installed to almost any mounting substrate and meet all safety requirements and building codes. Glass fabrication requires two 3/4" (19 mm) holes per Clamp.
NOTE: Anchor bolts sold separately.

Supplied Complete with Base Cover Flange and Moisture Barrier Gasket



CAT. NO.	FINISH
AFWC1SBS	Brushed Stainless
AFWC1SPS	Polished Stainless

Minimum order: 1 each. All Windscreen Clamps can be combined for quantity pricing.

CRL Round One-Piece Low Profile Surface Mount Frameless Windscreen Clamp

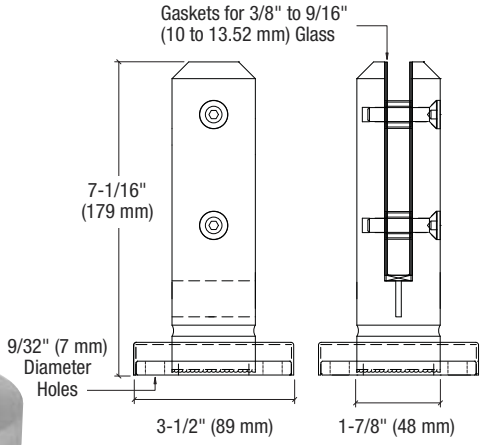
- 316 Grade Stainless Steel in Two Architectural Finishes
- Great for Windscreens or Glass Partitions (Not Designed for Guard Rail Applications)
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Monolithic Glass and 9/16" (13.52 mm) Tempered Laminated Glass

MORE INFORMATION crlaurence.com

CRL's Round One-Piece Low Profile Surface Mount Windscreen Clamps are designed for small windbreaks, restaurants, and store areas that need counter top mounted glass partitions. These Clamps can be surface mounted to almost any mounting substrate, and are offered in two architectural finishes. Glass fabrication requires two 3/4" (19 mm) holes per Clamp. **NOTE:** Anchor bolts sold separately.



Supplied Complete with Base Cover Flange and Moisture Barrier Gasket



CAT. NO.	FINISH
AFWC4SBS	Brushed Stainless
AFWC4SPS	Polished Stainless

Minimum order: 1 each. All Windscreen Clamps can be combined for quantity pricing.

CRL Two-Piece Side Mount Frameless Windscreen Clamp

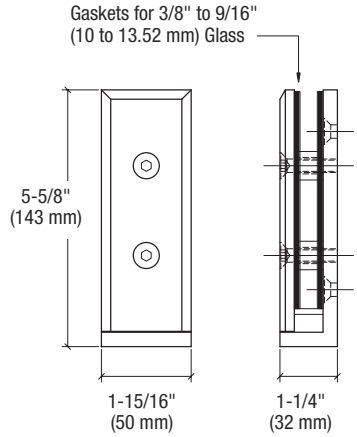
- 316 Grade Stainless Steel in Two Architectural Finishes
- Great for Windscreens or Glass Partitions (Not Designed for Guard Rail Applications)
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Monolithic Glass and 9/16" (13.52 mm) Tempered Laminated Glass

CRL Two-Piece Side Mount Frameless Windscreen Clamps are designed for attachment to the front side of walls or planter boxes. Due to the number of varying mounting conditions, anchors and mounting screws are not supplied. The back plate is fabricated to accept 8 mm (5/16") flat head screws. Glass fabrication requires two 3/4" (19 mm) holes per Clamp. An instruction sheet and glass fabrication template are supplied.





CAT. NO. CAP35S
Replacement Bolt



CAT. NO.	FINISH
AFWC2	Brushed Stainless
AFWC7	Polished Stainless

Minimum order: 1 each. All Windscreen Clamps can be combined for quantity pricing.

CRL Glass Panel Clamps



- A Choice of High Tech, Contemporary Designs for Use With 3/8" to 3/4" (10 to 19 mm) Thick Tempered Glass
- Commonly Used in Glass Windscreens and Railing Applications for Joining Vertical Joints of Glass Panels
- Reduces Panel Deflection
- Custom Finishes Available

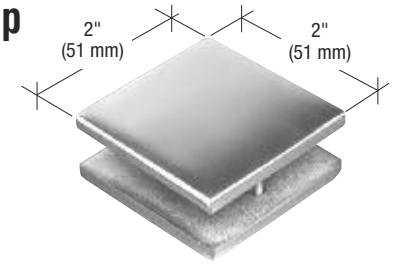
MORE INFORMATION crlaurence.com



Glass Panel Clamps join vertical glass wall panels and provide rigidity to reduce flexing when pressure is applied. They can also serve as floating indicators to alert pedestrians of a panel's presence. Most Clamps come in polished brass, polished stainless or brushed stainless finishes, and are designed for 3/8" to 3/4" (10 to 19 mm) thick tempered glass.

180 Degree Square Glass Panel Clamp

- For 3/8" to 3/4" (10 to 19 mm) Thick Tempered Glass



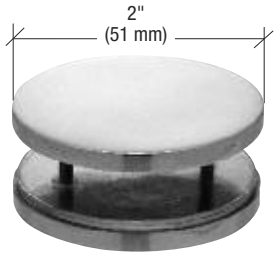
This 2" x 2" (51 x 51 mm) 180 Degree Square Glass Panel Clamp attaches with two flat head Phillips screws (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

CAT. NO.	GRADE	FINISH
MFC18	304	Polished Stainless
MFC19	304	Brushed Stainless
MFC20	C260	Polished Brass

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

180 Degree Round Glass Panel Clamp

- For 3/8" to 3/4" (10 to 19 mm) Thick Tempered Glass



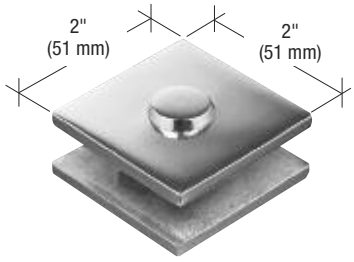
This 2" (51 mm) diameter 180 Degree Round Glass Panel Clamp attaches with two flat head Phillips screws (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

CAT. NO.	GRADE	FINISH
MFC30	304	Polished Stainless
MFC31	304	Brushed Stainless

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

180 Degree Square Glass Panel Clamp

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass



This 2" x 2" (51 x 51 mm) 180 Degree Square Clamp attaches with a single beveled nut (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

CAT. NO.	GRADE	FINISH
MFC10	304	Polished Stainless
MFC11	304	Brushed Stainless
MFC12	C260	Polished Brass

Minimum order: 1 each. All Clamps can be combined for quantity pricing.
To use on 3/8" (10 mm) glass simply file the threaded shank to the desired size.

180 Degree Round Glass Panel Clamp

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass



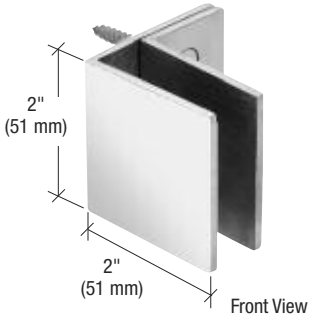
This 2" (51 mm) Diameter 180 Degree Round Clamp attaches with a single beveled nut (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

CAT. NO.	GRADE	FINISH
MFC14	304	Polished Stainless
MFC15	304	Brushed Stainless
MFC16	C260	Polished Brass

Minimum order: 1 each. All Clamps can be combined for quantity pricing.
To use on 3/8" (10 mm) glass simply file the threaded shank to the desired size.

Wall Mount Square Glass Panel Clamp

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass



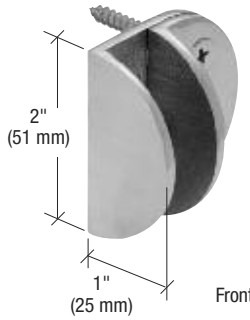
Use CRL Wall Mount Square Clamps to join vertical glass panels to walls, and to provide rigidity to reduce flexing when pressure is applied. Supplied with two wood screws for installation.

CAT. NO.	GRADE	FINISH
MFCW10	304	Polished Stainless
MFCW11	304	Brushed Stainless
MFCW12	C260	Polished Brass

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

Wall Mount Round Glass Panel Clamp

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass



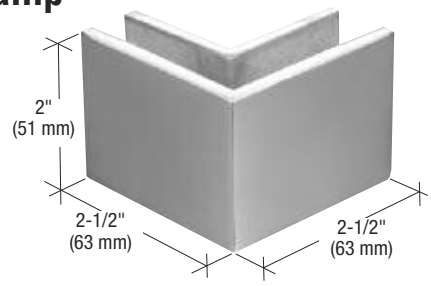
Use CRL Wall Mount Round Clamps to join vertical glass panels to walls, and to provide rigidity to reduce flexing when pressure is applied. Supplied with two wood screws for installation.

CAT. NO.	GRADE	FINISH
MFCW14	304	Polished Stainless
MFCW15	304	Brushed Stainless
MFCW16	C260	Polished Brass

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

90 Degree Square Glass Panel Clamp

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass



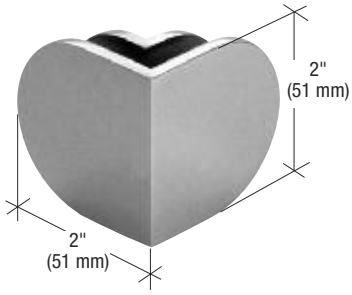
This 90 Degree Square Glass Panel Clamp is installed using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

CAT. NO.	GRADE	FINISH
MFC22	304	Polished Stainless
MFC23	304	Brushed Stainless
MFC24	C260	Polished Brass

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

90 Degree Round Glass Panel Clamp

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass



MORE INFORMATION crlaurence.com

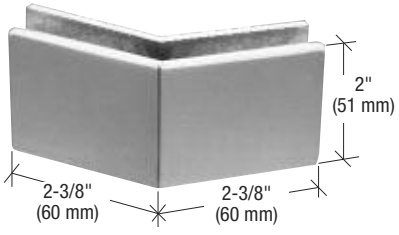
This 90 Degree Round Glass Panel Clamp is installed using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

CAT. NO.	GRADE	FINISH
MFC34	304	Polished Stainless
MFC35	304	Brushed Stainless

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

135 Degree Square Glass Panel Clamp

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass



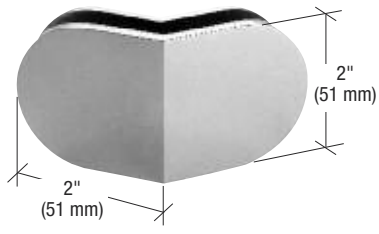
This 135 Degree Square Glass Panel Clamp is installed using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

CAT. NO.	GRADE	FINISH
MFC26	304	Polished Stainless
MFC27	304	Brushed Stainless
MFC28	C260	Polished Brass

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

135 Degree Round Glass Panel Clamp

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass



This 135 Degree Round Glass Panel Clamp is installed using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

CAT. NO.	GRADE	FINISH
MFC38	304	Polished Stainless
MFC39	304	Brushed Stainless

Minimum order: 1 each. All Clamps can be combined for quantity pricing.

CRL Frameless Windscreen System Using Aluminum Base Shoe

MORE INFORMATION crlaurence.com

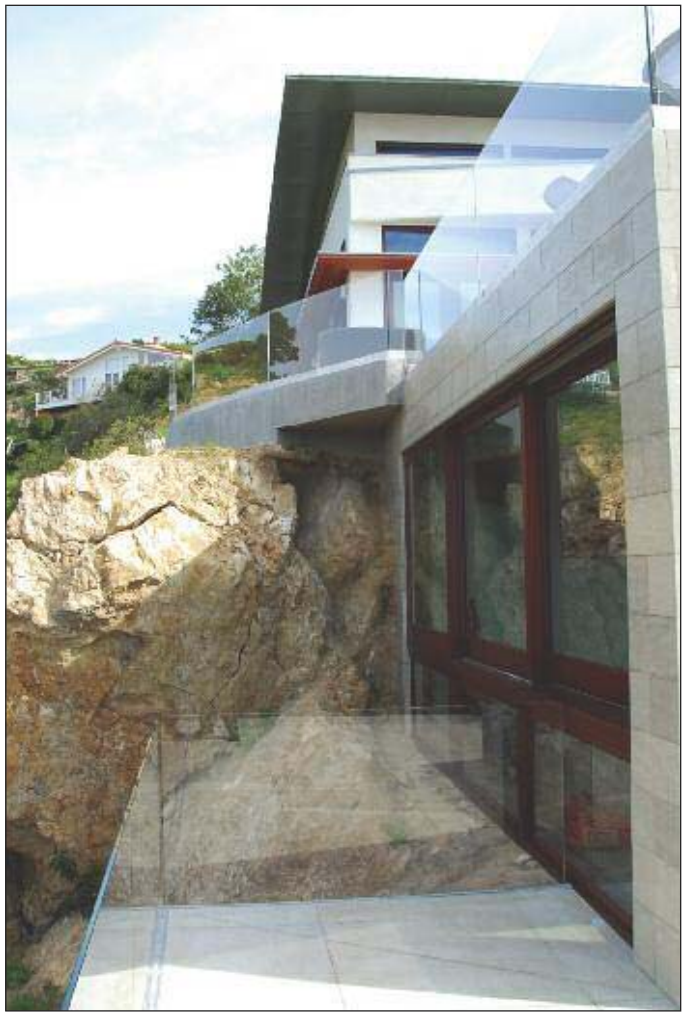
- Great for Glass Windbreaks, Pool Enclosures, Perimeter Fencing, Sound Barriers, Balconies, and Other Applications That are View-Oriented
- Unique Designs That Allow Completely Unobstructed Views
- Designed and Engineered to Meet the Strictest Codes
- Custom Fabrication is Also Available to Meet Your Specifications
- Cladding Available in Six Architectural Finishes
- Choose Drilled or Undrilled in Two Lengths

A very popular method of constructing attractive windscreens is through the use of Heavy Aluminum Base Shoe to support the glass panels. This gives you the best in unobstructed vision while also providing for a structurally sound barrier that requires no vertical framing members.

CRL offers our Small Profile Windscreen Base Shoe in two sizes, the Standard W5B Series for 3/8 to 1/2" (10 to 12 mm) tempered glass, and the Heavy-Duty W7B Series for 3/4" (19 mm) tempered glass.

The W5B Series can be used with our TAPER-LOC® dry glaze method, while the larger W7B Series is best suited to wet glaze installations. CRL supports both methods with a full complement of tools and supplies required to make a safe and successful installation.

CRL Railing Technical Sales can help you with design and installation assistance, including the selection of proper fasteners for the substrate to which the windscreen will be mounted.



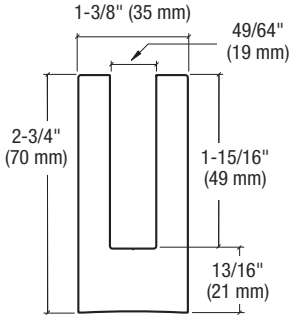
Project: Private Residence, Pacific Palisades, CA
System: Frameless 1/2" (12 mm) Glass Windscreen System

Standard Small Profile Base Shoe for 3/8" or 1/2" (10 or 12 mm) Monolithic Tempered Glass

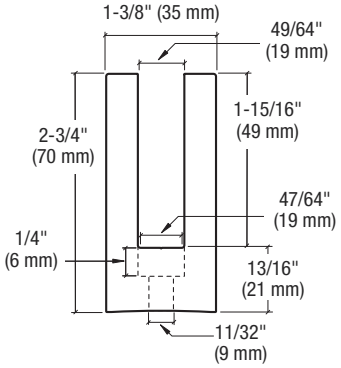
W5B Series

See opposite page

USE MONOLITHIC TEMPERED GLASS



Undrilled



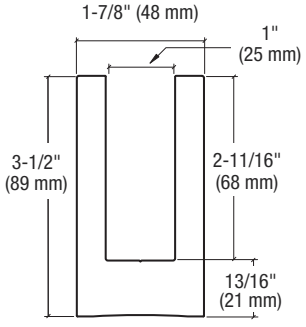
Hole Pattern "D"

Heavy-Duty Small Profile Base Shoe for 3/4" (19 mm) Monolithic Tempered Glass

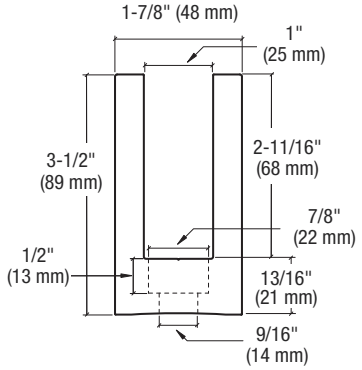
W7B Series

See page HR230

USE MONOLITHIC TEMPERED GLASS



Undrilled



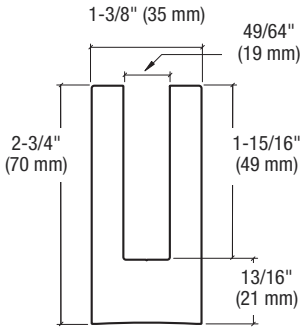
Hole Pattern "D"

CRL Standard Small Profile Windscreen Base Shoe for 3/8" or 1/2" (10 or 12 mm) Glass

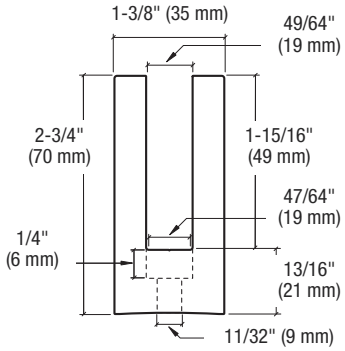
MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

- Drilled and Counter Bored, or We Will Custom Drill to Your Specifications
- 6063 Alloy, T52 Temper



Undrilled



Hole Pattern "D"



CRL Standard Small Profile Windscreen Base Shoe for 3/8" or 1/2" (10 or 12 mm) tempered glass is typically used as the base channel for windscreens and privacy partitions. It is not recommended for Hand Rail/Guard Rail applications. Most standard glass windscreen applications use 3/8" (10 mm) monolithic tempered glass. Each glass panel is secured in the base shoe using CRL's Patented Dry Glazed TAPER-LOC® System (see page HR006). **NOTE:** If 1/2" (12 mm) glass is required, use CRL's Wet Glaze Method (see page HR014).

CAT. NO.	STOCK LENGTH	HOLE SIZE	COUNTER BORE X DEPTH	CENTER-TO-CENTER	WEIGHT
W5B10D	120" (3.05 m)	11/32" (9 mm)	47/64" x 1/4" (19 x 6 mm)	12" (305 mm)	28 Lbs. (13 kg)
W5B20D	240" (6.10 m)	11/32" (9 mm)	47/64" x 1/4" (19 x 6 mm)	12" (305 mm)	55 Lbs. (25 kg)
W5B10	120" (3.05 m)	-	Extrusion Only (Without Holes)	-	28 Lbs. (13 kg)
W5B20	240" (6.10 m)	-	Extrusion Only (Without Holes)	-	55 Lbs. (25 kg)

Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

CRL Straight Cladding for Standard Windscreen Base Shoe

CRL US ALUMINUM MANUFACTURED IN THE USA

- Six Architectural Finishes
- 12" Mitered Corner Cladding Available
- Custom Cutting and Mitering Also Available



CRL Cladding is available in six architectural finishes. It can be secured to the Base Shoe using Cladding Tape (see page HR231) or Silicone Sealant. **NOTE:** Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. For Mitered Corner Cladding go to **crlaurence.com/glass-windscreens**.

CAT. NO.	GRADE	GA./THK.	STOCK LENGTH	FINISH
BWCBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
BWCPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
BWCPB10	C260	.045"	120" (3.05 m)	Polished Brass
BWCSB10	C260	.045"	120" (3.05 m)	Satin Brass
BWCSA10	5052	.050"	120" (3.05 m)	Satin Anodized
BWCDU10	5052	.050	120" (3.05 m)	Dark Bronze Anodized

Minimum order: 1 each. Must ship common carrier. All finishes can be combined for quantity pricing.
NOTE: Cladding in lengths up to 168" (4.27 m) can be fabricated on special order.

CRL End Caps for Standard Windscreen Base Shoe

CRL US ALUMINUM MANUFACTURED IN THE USA

- Finishes to Match Straight Cladding
- Adhere With Cladding Tape or Silicone Sealant





CRL End Caps are available in six architectural finishes. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for attachment instructions.

CAT. NO.	GRADE	GA./THK.	FINISH
B5WECBS	304	20/.035"	Brushed Stainless
B5WECPS	304	20/.035"	Polished Stainless
B5WECPB	C260	.045"	Polished Brass
B5WECSB	C260	.045"	Satin Brass
B5WECSA	5052	.050"	Satin Anodized
B5WECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

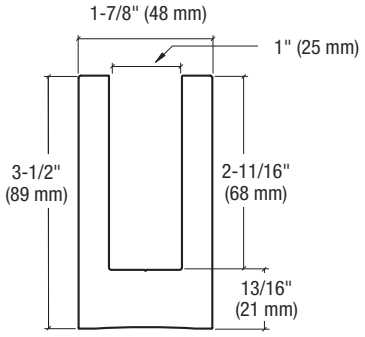
CRL Heavy-Duty Small Profile Windscreen Base Shoe for 3/4" (19 mm) Glass

- Ideal for Windscreens and Privacy Partitions
- Designed for Wet Glaze Method Only (Not for Use With TAPER-LOC®)

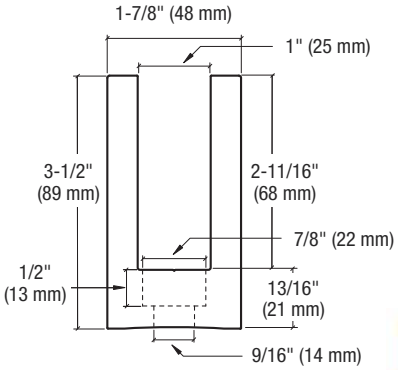
- 6063 Alloy, T52 Temper

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com



Undrilled



Hole Pattern "D"





CRL Heavy-Duty Small Profile Windscreen Base Shoe for 3/4" (19 mm) tempered glass is commonly used as the base channel for windscreens and privacy partitions. Each glass panel is secured in the base shoe using CRL's Wet Glaze Method (see page HR014). Extruded aluminum Heavy-Duty Small Profile Base Shoe can be clad in six different architectural finishes (see below). **NOTE:** The most important part of the Base Shoe installation is being sure that it is attached firmly with approved fasteners to a secure substrate. Contact CRL Railing Technical Sales if you need assistance with fastener selection.

CAT. NO.	STOCK LENGTH	HOLE SIZE	COUNTER BORE X DEPTH	CENTER-TO-CENTER	WEIGHT
W7B10D	120" (3.05 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	12" (305 mm)	34 Lbs. (15 kg)
W7B20D	240" (6.10 m)	9/16" (14 mm)	7/8" x 1/2" (22 x 13 mm)	12" (305 mm)	68 Lbs. (31 kg)
W7B10	120" (3.05 m)	-	Extrusion Only (Without Holes)	-	34 Lbs. (15 kg)
W7B20	240" (6.10 m)	-	Extrusion Only (Without Holes)	-	68 Lbs. (31 kg)

Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

CRL Straight Cladding for Heavy-Duty Windscreen Base Shoe

US ALUMINUM MANUFACTURED IN THE USA

- Adhere With Cladding Tape or Silicone Sealant
- Six Architectural Finishes
- Custom Cutting and Mitering Also Available



CRL Cladding is available in six architectural finishes. It can be secured to the Base Shoe using Cladding Tape (see opposite page) or Silicone Sealant. **NOTE:** Sold by individual pieces. Base Shoe requires two pieces for coverage on both sides. For Mitered Corner Cladding go to **crlaurence.com/glass-windscreens**.

CAT. NO.	GRADE	GA./THK.	STOCK LENGTH	FINISH
B7WCBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
B7WCPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
B7WCPB10	C260	.045"	120" (3.05 m)	Polished Brass
B7WCSB10	C260	.045"	120" (3.05 m)	Satin Brass
B7WCSA10	5052	.050"	120" (3.05 m)	Satin Anodized
B7WCDU10	5052	.050	120" (3.05 m)	Dark Bronze Anodized

Minimum order: 1 each. Must ship common carrier. All finishes can be combined for quantity pricing.
NOTE: Cladding in lengths up to 168" (4.27 m) can be fabricated on special order.

CRL End Caps for Heavy-Duty Windscreen Base Shoe

US ALUMINUM MANUFACTURED IN THE USA

- Finishes to Match Straight Cladding
- Adhere With Cladding Tape or Silicone Sealant

CRL End Caps are available in six architectural finishes. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for attachment instructions.





CAT. NO.	GRADE	GA./THK.	FINISH
B7WECBS	304	20/.035"	Brushed Stainless
B7WECPS	304	20/.035"	Polished Stainless
B7WECPB	C260	.045"	Polished Brass
B7WECSB	C260	.045"	Satin Brass
B7WECSA	5052	.050"	Satin Anodized
B7WECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing.

CRL TAPER-LOC® Tapers for 3/8" (10 mm) Monolithic Tempered Glass

MORE INFORMATION crlaurence.com

TAPER-LOC® X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

- Works With W5B Standard Windscreen Base Shoe
- Eliminates the Use of Messy Cement
- Supports All Mounting Methods With Our TLK12 Installation/Removal Tool
- Installs From the Floor Side of the Installation

USE MONOLITHIC TEMPERED GLASS

PANEL WIDTH	SUGGESTED TAPER-LOC® TAPER SETS PER PANEL
6" to 14" (152 to 356 mm)	1 Set
14" to 28" (356 to 711 mm)	2 Sets
28" to 42" (711 to 1067 mm)	3 Sets
42" to 56" (1067 to 1422 mm)	4 Sets



CAT. NO. TL3X10
TAPER-LOC® Tapers

CRL's TAPER-LOC® Taper Set for 3/8" (10 mm) monolithic tempered glass is made up of two Tapers and one L-Pressure Block. Tapers are made of a high strength engineering grade polymer. They expand in thickness when compressed together with the Cat. No. TLK12 Installation/Removal Tool (see below), mechanically locking the glass panel into the base shoe. Minimum order is ten Taper Sets.

CRL TAPER-LOC® Installation/Removal Tool Kit for Glass Railing and Windscreen Systems

CRL US ALUMINUM MANUFACTURED IN THE USA

TAPER-LOC® X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

VIDEO

- Works With All of CRL's TAPER-LOC® Tapers and Components
- Features Integrated Torque Wrench Designed for Precise Lock-Up Force
- Supports All Mounting Methods
- Reduces Installation Time by 50%



CAT. NO. TLK12
Installation/Removal Tool Kit

This Installation/Removal Tool is used for tightening TAPER-LOC® Tapers in the channel of the base shoe. It has an Integrated Torque Wrench that applies the precise lock-up force necessary to set the glass panels. Simply set in place and turn the wrench until a clicking sound is heard. This assures the Tapers have been locked together. It can also remove all models of TAPER-LOC® Tapers when glass panels need to be reset or replaced. You can also use the Tool for base shoe that has been recessed into the floor by switching the standard Compression Blades (blue) with the longer Recessed Blades (red), both included. The yellow blades and pusher plate is for monolithic windscreen installations. The Tool Kit comes with the Integrated Torque Wrench, a Glass Railing Setting Tool for Monolithic Glass, a Laminated Glass Setting Tool, a pair of Glass Setting Roller Blocks, three sets of color-coded Blades (yellow, red, and blue), matching Pusher Plates, and Instructions, all in a Molded Carrying Case. Minimum order is one each.

Installation Products for Windscreen Base Shoe

CRL Kwixset™ Expanding Cement

SPEC. DATA ONLINE

MSDS ONLINE

- For Exterior or Interior Applications
- Fast Setting, Will Not Shrink or Crack When Used as Directed
- Produces Unexcelled Strength and Bonding Qualities



CAT. NO.	NET WEIGHT
KWX25	25 Pounds (11.3 kg)
KWX50	50 Pounds (22.7 kg)

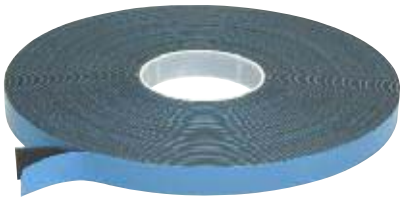
Minimum order: 1 each. **NOTE:** Kwixset™ can be used in temperatures as low as 40ºF (4ºC).

See page HR274 for more information

CRL Cladding Tape

- Pressure Sensitive High-Strength Adhesive With Tenacious Holding Power
- Used for Adhering Cladding to Base Shoe

Our AT234 Cladding Tape is used to adhere cladding to Base Shoe. Made of a high strength acrylic foam with a high tack adhesive.



CAT. NO.	THICKNESS	WIDTH	ROLL LENGTH
AT234	.045" (1.1 mm)	3/4" (19 mm)	108' (33 m)

Minimum order: 1 roll.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL AWS Aluminum Windscreen Systems

U.S. Patent No. 7,730,677

• Accepts 1/4" to 1/2" (6 to 12 mm) Thick Glass for the Creation of Attractive and Functional Glass Barriers



The AWS Aluminum Windscreen System was developed to provide an attractive, maintenance-free glass wall that will enhance any residential or commercial application. All AWS Systems can be used in conjunction with a concrete slab, block wall or individual footings. If our stock components do not fit your application, allow us to design a system that can. CRL has the ability to design, engineer and fabricate a custom system that will satisfy not only your need for safety and security, but also your artistic tastes.

The Homeowner will love the clean look of this wall and the virtually unobstructed view it provides. AWS is superbly suited as a sound wall along busy streets and highways. Our system provides a much higher sound transmission rating than conventional fencing. AWS is low maintenance. All components are specially coated to prevent corrosion and ensure that the homeowner will be satisfied for many years. AWS adapts to a wide variety of terrain and wall designs. It can easily handle slopes, steps, and curves. In addition, the system is ideal for pool areas, decks and balcony applications.

Available Post Configurations

MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS

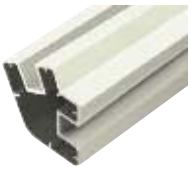
2" x 2-5/8" (51 x 67 mm) Rectangular Aluminum Windscreen Post Profiles



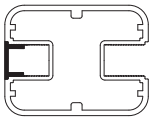
180 Degree Center/ End Post Kits



90 Degree Post Kits

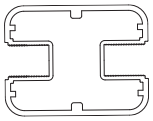


135 Degree Post Kits



End Post

(See Page HR234)



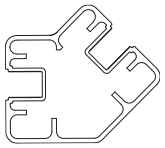
180 Degree Center Post

(See Page HR234)



90 Degree Corner Post

(See Page HR235)



135 Degree Center Post

(See Page HR235)

3" (76 mm) Round Aluminum Windscreen Post Profiles



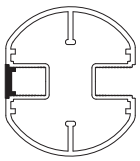
180 Degree Center/ End Post Kits



90 Degree Post Kits

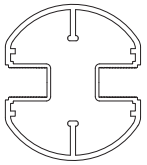


135 Degree Post Kits



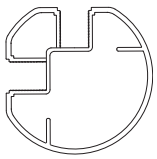
End Post

(See Page HR236)



180 Degree Center Post

(See Page HR236)



90 Degree Corner Post

(See Page HR237)



135 Degree Center Post

(See Page HR237)

- Ready to Install
- Low Maintenance With Special Coating to Prevent Corrosion
- Seven Stock Colors, Plus Mill Aluminum
- Custom Colors Also Available

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL AWS Aluminum Windscreen Systems

- **Available in 3" (76 mm) Round, 2" x 2-5/8" (52 x 67 mm) Rectangular, and 4" (102 mm) Square Post Styles**

CRL US ALUMINUM MANUFACTURED IN THE USA

U.S. Patent No. 7,730,677

USE MONOLITHIC TEMPERED GLASS

Unlike other glass wind wall systems, the AWS Aluminum Windscreen System keeps all aluminum out of contact with concrete. The lime in concrete is very corrosive to aluminum, and over time will degrade the physical properties of the components. The AWS System utilizes a painted steel embedment that supports the vertical post and eliminates the possibility of damaging corrosion.

An added benefit of the steel embed is that the contractor can install the steel components early in the construction process, then install the painted aluminum post later when the chances of damage by other tradesmen are greatly reduced. These are strong attributes of the AWS System, and have a real value to the builder and homeowner.

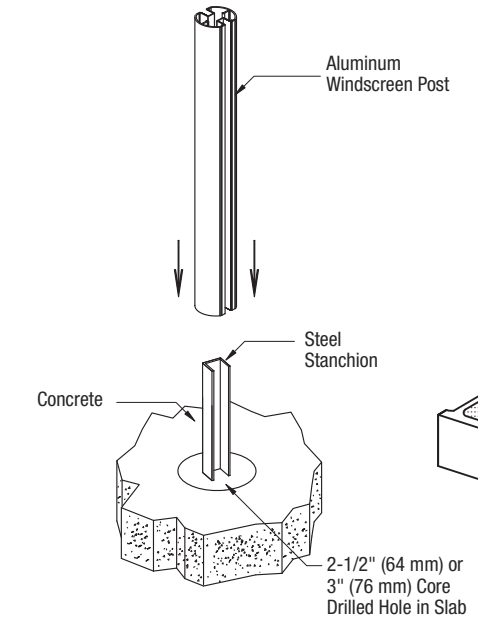
Another benefit of the AWS System is the fact that it was designed to be a wind wall system that is very aesthetically pleasing. Because of this improved design and the interaction with the steel insert, AWS has enhanced structural properties. Our system allows for increased height and span abilities.

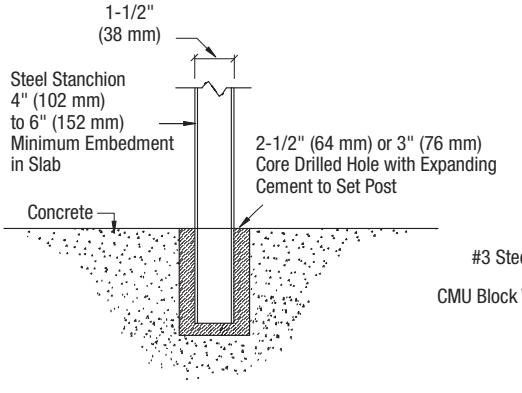
The AWS design also solved the problem of glazing vinyl shrinking and falling out over time, creating liabilities for all parties involved. The AWS glazing channel is a one-piece co-extrusion that cannot fall out once the glass is installed. This glazing channel is faster and easier to install than typical glazing beads, and simplifies the glass installation.

MORE INFORMATION crlaurence.com

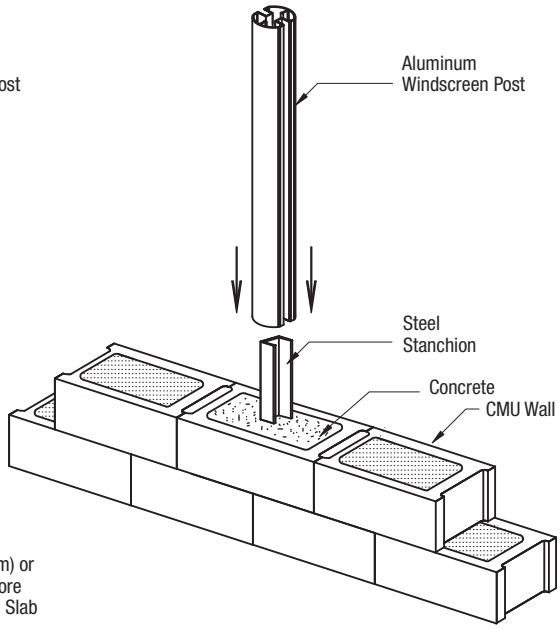
TYPICAL MOUNTING OPTIONS

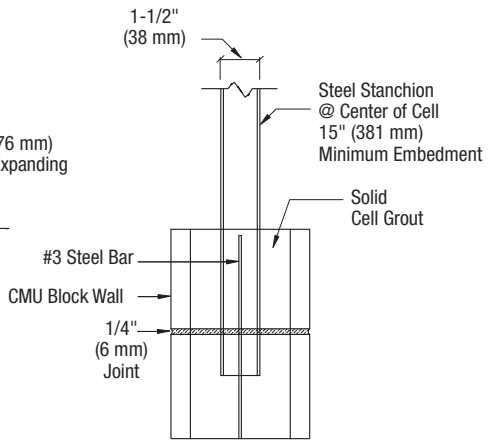
Core Mounted Installation for a Concrete Slab



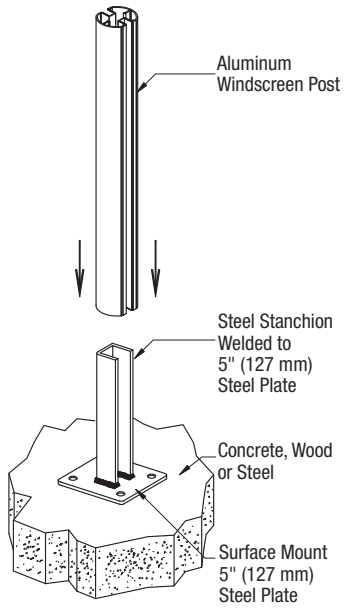


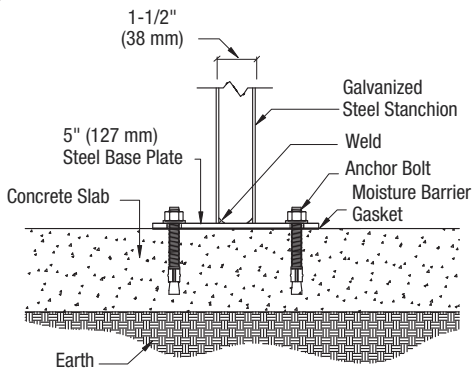
Core Mounted Installation for CMU Block Walls





Surface Mounted Installation for a Concrete Slab



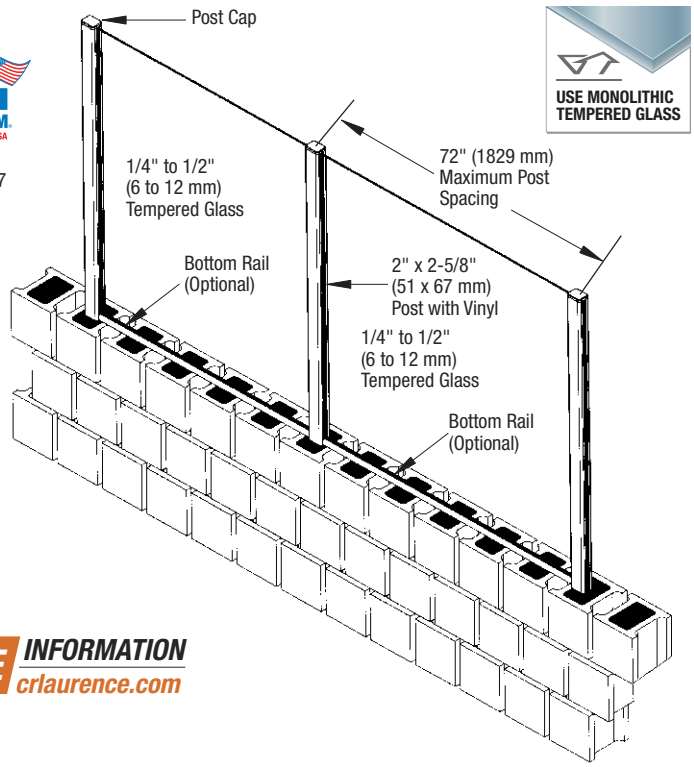


CRL AWS Rectangular Aluminum Windscreen System

- 2" x 2-5/8" (51 x 67 mm) Rectangular Aluminum Windscreen System
- Designed and Engineered to Meet or Exceed Building Codes
- Great for Pools, Balconies, Fencing, Steps, Slopes, and Many Other Options
- Low Maintenance With All Components Specially Coated to Prevent Corrosion
- Adapts Easily to a Wide Variety of Terrain and Wall Designs
- Provides a Virtually Unobstructed View
- Will Accommodate 1/4" (6 mm), 3/8" (10 mm), and 1/2" (12 mm) Wet Set Glazing
- Standard Heights in Stock With Custom Heights Also Available

NOTE: Not for use as a guard rail.

U.S. Patent No. 7,730,677



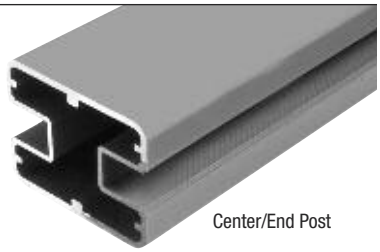
MORE INFORMATION crlaurence.com

CRL AWS 2" x 2-5/8" Rectangular 180 Degree Center or End Posts and Post Kits

- Available as Posts Only or in Kits Containing Post, Top Cap, and Vinyl
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Available Upon Request
- Accommodates 1/4" to 3/8" (6 to 10 mm) Glass Dry Glazed With Vinyl
- Accommodates 1/2" (12 mm) Glass Wet Glazed

U.S. Patent No. 7,730,677

USE MONOLITHIC TEMPERED GLASS

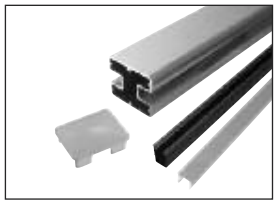


Kits can be used to fabricate posts used at the end of a barrier, or to join two panels at 180 degrees. They can accommodate 1/4" to 3/8" (6 to 10 mm) panels when dry glazed with vinyl, and 1/2" (12 mm) panels when wet glazed. They are available in seven standard colors, plus mill aluminum, with custom colors available on request. **NOTE:** Maximum post spacing is 72" (1829 mm) on center. Maximum square footage should not exceed 24 square feet per panel.

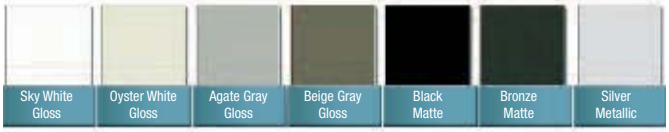
Standard Center Kits Include:



Standard End Kits Include:

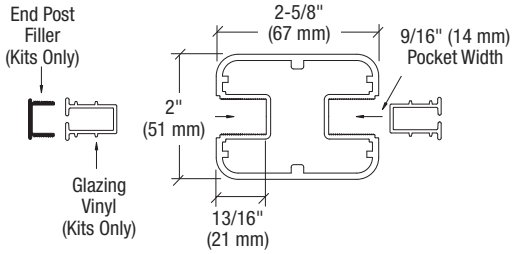


STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.



RECTANGULAR CENTER/END POST ONLY

CAT. NO.*	HEIGHT/LENGTH
SP36	36" (914 mm)
SP48	48" (1219 mm)
SP60	60" (1524 mm)
SP72	72" (1829 mm)
SP194#	241" (6.12 m)

Minimum order: 1 each. * Specify color when ordering. # Must ship common carrier. End Post Filler Inserts sold separately, see page HR240.

RECTANGULAR CENTER POST KITS

CAT. NO.*	HEIGHT
S36CK	36" (914 mm)
S48CK	48" (1219 mm)
S60CK	60" (1524 mm)
S72CK	72" (1829 mm)

Minimum order: 1 each. * Specify color when ordering. Includes 2 Vinyl Inserts. **NOTE:** Steel Stanchions sold separately, see page HR238.

RECTANGULAR END POST KITS

CAT. NO.*	HEIGHT
S36EK	36" (914 mm)
S48EK	48" (1219 mm)
S60EK	60" (1524 mm)
S72EK	72" (1829 mm)

Minimum order: 1 each. * Specify color when ordering. Includes 1 Vinyl Insert and 1 Filler Insert. **NOTE:** Steel Stanchions sold separately, see page HR238.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL AWS 2" x 2-5/8" Rectangular 90 Degree Corner Posts and Post Kits

- Available as Posts Only or in Kits Containing Post, Top Cap, and Vinyl
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Available Upon Request
- Accommodates 1/4" to 3/8" (6 to 10 mm) Glass Dry Glazed With Vinyl
- Accommodates 1/2" (12 mm) Glass Wet Glazed

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

RECTANGULAR CORNER POST ONLY

CAT. NO.*	HEIGHT/LENGTH
SP936	36" (914 mm)
SP948	48" (1219 mm)
SP960	60" (1524 mm)
SP972	72" (1829 mm)
SP9194#	241" (6.12 m)

Minimum order: 1 each. * Specify color when ordering.
Must ship common carrier.

RECTANGULAR CORNER POST KITS

CAT. NO.*	HEIGHT
S36CRK	36" (914 mm)
S48CRK	48" (1219 mm)
S60CRK	60" (1524 mm)
S72CRK	72" (1829 mm)

Minimum order: 1 each. * Specify color when ordering.
NOTE: Steel Stanchions sold separately, see page HR238.



90 Degree Corner Post

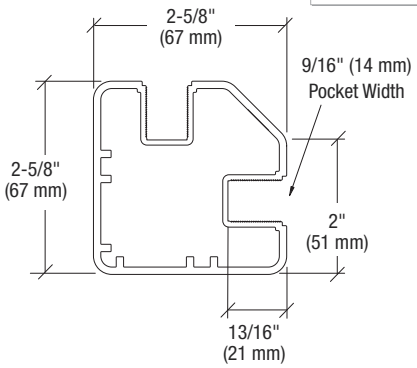
U.S. Patent No. 7,730,677

Standard Corner Kits Include:



USE MONOLITHIC TEMPERED GLASS

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.



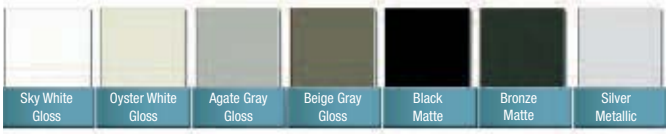
NOTE: Maximum Post Spacing is 72" (1829 mm) on center. Maximum square footage should not exceed 24 square feet per panel.

CRL AWS 2" x 2-3/8" Rectangular 135 Degree Center Posts and Post Kits

MORE INFORMATION crlaurence.com

- Available as Posts Only or in Kits Containing Post, Top Cap, and Vinyl
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Available Upon Request
- Accommodates 1/4" to 3/8" (6 to 10 mm) Glass Dry Glazed With Vinyl
- Accommodates 1/2" (12 mm) Glass Wet Glazed

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

RECTANGULAR 135 DEGREE POST ONLY

CAT. NO.*	HEIGHT/LENGTH
SP536	36" (914 mm)
SP548	48" (1219 mm)
SP560	60" (1524 mm)
SP572	72" (1829 mm)
SP5241#	241" (6.12 m)

Minimum order: 1 each. * Specify color when ordering.
Must ship common carrier.

RECTANGULAR 135 DEGREE POST KITS

CAT. NO.*	HEIGHT
S365K	36" (914 mm)
S485K	48" (1219 mm)
S605K	60" (1524 mm)
S725K	72" (1829 mm)

Minimum order: 1 each. * Specify color when ordering.
NOTE: Steel Stanchions sold separately, see page HR238.



135 Degree Center Post

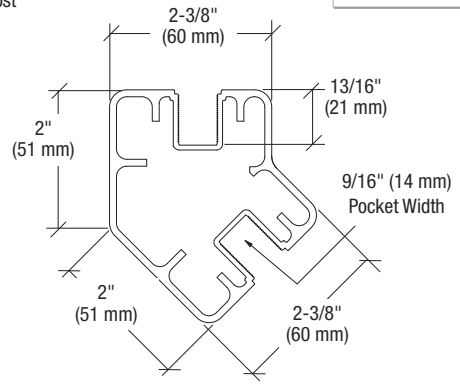
U.S. Patent No. 7,730,677

Standard 135 Degree Kits Include:



USE MONOLITHIC TEMPERED GLASS

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.



NOTE: Maximum Post Spacing is 72" (1829 mm) on center. Maximum square footage should not exceed 24 square feet per panel.

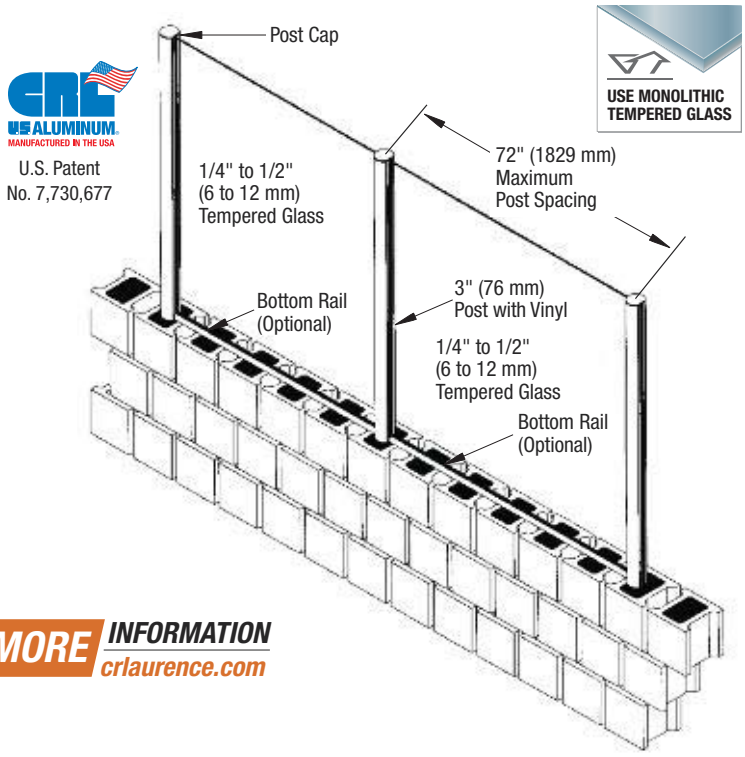
CRL AWS Round Aluminum Windscreen System

- 3" (76 mm) Diameter Aluminum Windscreen System for Pools, Balconies, Fencing, Steps, Slopes, and Many Other Options
- Designed and Engineered to Meet or Exceed Building Codes
- Low Maintenance With All Components Specially Coated to Prevent Corrosion
- Adapts Easily to a Wide Variety of Terrain and Wall Designs
- Provides a Virtually Unobstructed View
- Will Accommodate 1/4" (6 mm), 3/8" (10 mm), and 1/2" (12 mm) Wet Set Glazing
- Standard Heights in Stock With Custom Heights Also Available
- Glazing Vinyl Available in Black Color

NOTE: Not for use as a guard rail.

CRL US ALUMINUM MANUFACTURED IN THE USA

U.S. Patent No. 7,730,677



MORE INFORMATION crlaurence.com

CRL AWS 3" Diameter Round 180 Degree Center or End Posts and Post Kits

- Available as Posts Only or in Kits Containing Post, Top Cap, and Vinyl
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Available Upon Request
- Accommodates 1/4" to 3/8" (6 to 10 mm) Glass Dry Glazed With Vinyl
- Accommodates 1/2" (12 mm) Glass Wet Glazed

CRL US ALUMINUM MANUFACTURED IN THE USA

U.S. Patent No. 7,730,677

USE MONOLITHIC TEMPERED GLASS

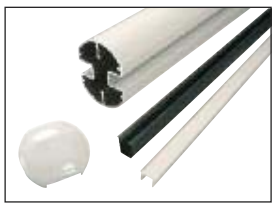


Kits can be used to fabricate posts used at the end of a barrier, or to join two panels at 180 degrees. They can accommodate 1/4" to 3/8" (6 to 10 mm) panels when dry glazed with vinyl, and 1/2" (12 mm) panels when wet glazed. They are available in seven standard colors, plus mill aluminum, with custom colors available on request. **NOTE:** Maximum post spacing is 72" (1829 mm) on center. Maximum square footage should not exceed 24 square feet per panel.

Standard Center Kits Include:



Standard End Kits Include:

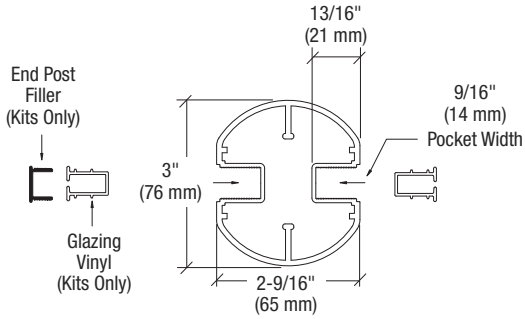


STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.



ROUND CENTER/END POST ONLY

CAT. NO.*	HEIGHT/LENGTH
RP36	36" (914 mm)
RP48	48" (1219 mm)
RP60	60" (1524 mm)
RP72	72" (1829 mm)
RP194#	241" (6.12 m)

Minimum order: 1 each. * Specify color when ordering. # Must ship common carrier. End Post Filler Inserts sold separately, see page HR240.

ROUND CENTER POST KITS

CAT. NO.*	HEIGHT
R36CK	36" (914 mm)
R48CK	48" (1219 mm)
R60CK	60" (1524 mm)
R72CK	72" (1829 mm)

Minimum order: 1 each. * Specify color when ordering. Includes 2 Vinyl Inserts. **NOTE:** Steel Stanchions sold separately, see page HR238.

ROUND END POST KITS

CAT. NO.*	HEIGHT
R36EK	36" (914 mm)
R48EK	48" (1219 mm)
R60EK	60" (1524 mm)
R72EK	72" (1829 mm)

Minimum order: 1 each. * Specify color when ordering. Includes 1 Vinyl Insert and 1 Filler Insert. **NOTE:** Steel Stanchions sold separately, see page HR238.

CRL AWS 3" Diameter Round 90 Degree Corner Posts and Post Kits

- Available as Posts Only or in Kits Containing Post, Top Cap, and Vinyl
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Available Upon Request
- Accommodates 1/4" to 3/8" (6 to 10 mm) Glass Dry Glazed With Vinyl
- Accommodates 1/2" (12 mm) Glass Wet Glazed



90 Degree Corner Post

Standard Corner Kits Include:

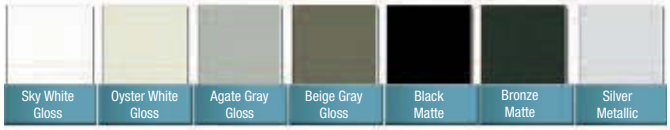


MORE INFORMATION crlaurence.com

U.S. Patent No. 7,730,677

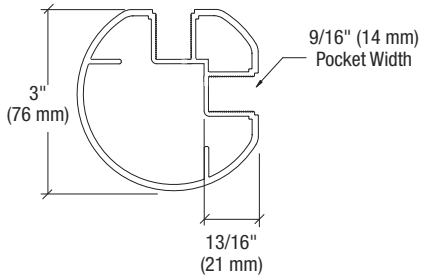
USE MONOLITHIC TEMPERED GLASS

STANDARD COLORS



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Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.



ROUND CORNER POST ONLY

CAT. NO.*	HEIGHT/LENGTH
RP936	36" (914 mm)
RP948	48" (1219 mm)
RP960	60" (1524 mm)
RP972	72" (1829 mm)
RP9194#	241" (6.12 m)

Minimum order: 1 each. * Specify color when ordering.
Must ship common carrier.

ROUND CORNER POST KITS

CAT. NO.*	HEIGHT
R36CRK	36" (914 mm)
R48CRK	48" (1219 mm)
R60CRK	60" (1524 mm)
R72CRK	72" (1829 mm)

Minimum order: 1 each. * Specify color when ordering.
NOTE: Steel Stanchions sold separately, see page HR238.

NOTE: Maximum Post Spacing is 72" (1829 mm) on center. Maximum square footage should not exceed 24 square feet per panel.

CRL AWS 3" Diameter Round 135 Degree Center Posts and Post Kits

- Available as Posts Only or in Kits Containing Post, Top Cap, and Vinyl
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Available Upon Request
- Accommodates 1/4" to 3/8" (6 to 10 mm) Glass Dry Glazed With Vinyl
- Accommodates 1/2" (12 mm) Glass Wet Glazed



135 Degree Center Post

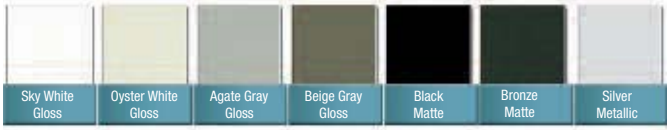
Standard 135 Degree Kits Include:



U.S. Patent No. 7,730,677

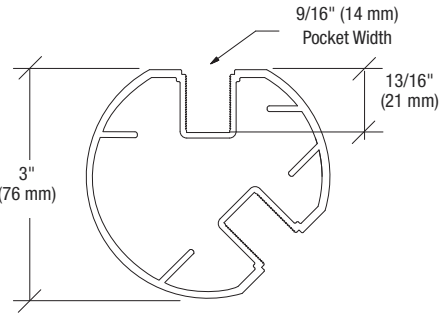
USE MONOLITHIC TEMPERED GLASS

STANDARD COLORS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.



ROUND 135 DEGREE POST ONLY

CAT. NO.*	HEIGHT/LENGTH
RP536	36" (914 mm)
RP548	48" (1219 mm)
RP560	60" (1524 mm)
RP572	72" (1829 mm)
RP5241#	241" (6.12 m)

Minimum order: 1 each. * Specify color when ordering.
Must ship common carrier.

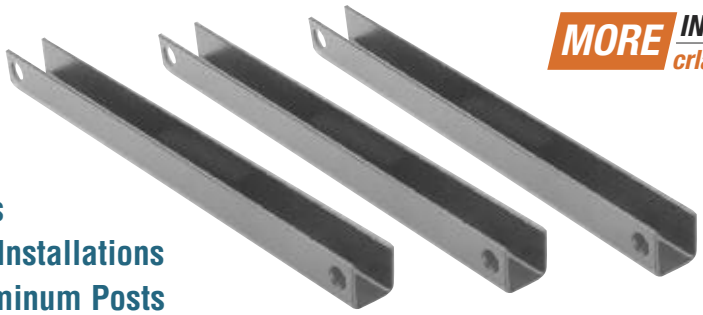
ROUND 135 DEGREE POST KITS

CAT. NO.*	HEIGHT
R365K	36" (914 mm)
R485K	48" (1219 mm)
R605K	60" (1524 mm)
R725K	72" (1829 mm)

Minimum order: 1 each. * Specify color when ordering.
NOTE: Steel Stanchions sold separately, see page HR238.

NOTE: Maximum Post Spacing is 72" (1829 mm) on center. Maximum square footage should not exceed 24 square feet per panel.

CRL AWS Core Mount Stanchions



MORE INFORMATION crlaurence.com

- Zinc Plated to Prevent Corrosion
- Available in Four Different Sizes for Round or Rectangular Windscreen Posts
- Available in Stainless Steel for Coastal Installations
- Fit All of Our Rectangular or Round Aluminum Posts

AWS Core Mount Stanchions are available in Grade 50 Zinc Plated Steel or Grade 304 Stainless Steel for use with our AWS Windscreen Posts. Stanchions are recommended to be set into 8,000 psi concrete with a minimum of 4" (102 mm) embedment depth for a concrete slab. If installing the Stanchion into a block wall, allow a 15" (381 mm) minimum embedment depth. See page HR233 for application drawing. Sold six per package (individual Stanchions are not available).

CAT. NO.	DESCRIPTION	HEIGHT	FOR POST HEIGHT	THICKNESS
PST1	Grade 50 Steel Stanchion	18" (457 mm)	Up to 36" (914 mm)	1/8" (3 mm)
PST2	Grade 50 Steel Stanchion	18" (457 mm)	Up to 48" (1219 mm)	1/4" (6 mm)
PST3	Grade 50 Steel Stanchion	30" (762 mm)	Up to 72" (1829 mm)	1/4" (6 mm)
PST4	Grade 304 Stainless Steel Stanchion	30" (762 mm)	Up to 72" (1829 mm)	1/8" (3 mm)
PST6	Grade 50 Steel Stanchion	42" (1067 mm)	Special Conditions	1/4" (6 mm)

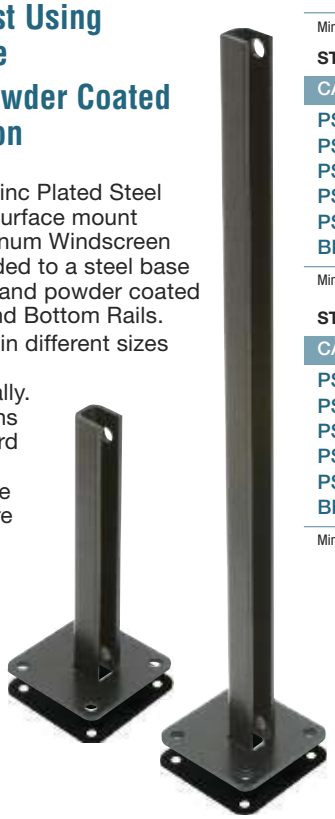
Minimum order: 1 pack of six. For Posts less than 30" (762 mm) tall, the Stanchion can be cut to size.

CRL AWS Welded Steel Surface Mount Stanchions

- Mounting Bases Available in Seven Standard Colors, Plus Mill Aluminum to Match AWS Posts
- 90,135, and 180 Degree Bases are Designed for Concrete or Steel Installations
- Attaches to the Post Using Our 95CBL Silicone
- Zinc Plated and Powder Coated to Prevent Corrosion

AWS Welded Grade 50 Zinc Plated Steel Stanchions are for use on surface mount applications with our Aluminum Windscreen Posts. Stanchions are welded to a steel base plate, and then zinc plated and powder coated to match our AWS Posts and Bottom Rails.

Stanchions are available in different sizes based on the height of the post, and are sold individually. Surface Mounted Stanchions are offered in seven standard colors, plus mill aluminum with custom colors available on special order. A Moisture Barrier Gasket is included with each Stanchion. See page HR233 for application diagram.



STEEL STANCHIONS FOR POST HEIGHTS UP TO 24" (610 MM)

CAT. NO.*	STANCHION HEIGHT	APPLICATION
PSB1A	12" (305 mm)	For 180 Degree Round or Rectangular Center or End Posts
PSB2A	12" (305 mm)	For 90 Degree Round Corner Posts
PSB3A	12" (305 mm)	For 90 Degree Rectangular Corner Posts
PSB4A	12" (305 mm)	For 135 Degree Round Center Posts
PSB5A	12" (305 mm)	For 135 Degree Rectangular Center Posts
BPG1BL	-----	Replacement Moisture Barrier Gasket

Minimum order: 1 each. *Specify color when ordering. Base measures 5" x 5" (127 x 127 mm) and is 3/8" (10 mm) thick.

STEEL STANCHIONS FOR POST HEIGHTS UP TO 48" (1219 MM)

CAT. NO.*	STANCHION HEIGHT	APPLICATION
PSB1B	30" (762 mm)	For 180 Degree Round or Rectangular Center or End Posts
PSB2B	30" (762 mm)	For 90 Degree Round Corner Posts
PSB3B	30" (762 mm)	For 90 Degree Rectangular Corner Posts
PSB4B	30" (762 mm)	For 135 Degree Round Center Posts
PSB5B	30" (762 mm)	For 135 Degree Rectangular Center Posts
BPG1BL	-----	Replacement Moisture Barrier Gasket

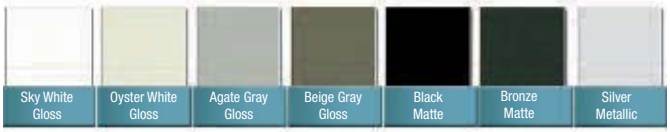
Minimum order: 1 each. *Specify color when ordering. Base measures 5" x 5" (127 x 127 mm) and is 3/8" (10 mm) thick.

STEEL STANCHIONS FOR POST HEIGHTS UP TO 72" (1829 MM)

CAT. NO.*	STANCHION HEIGHT	APPLICATION
PSB1C	30" (762 mm)	For 180 Degree Round or Rectangular Center or End Posts
PSB2C	30" (762 mm)	For 90 Degree Round Corner Posts
PSB3C	30" (762 mm)	For 90 Degree Rectangular Corner Posts
PSB4C	30" (762 mm)	For 135 Degree Round Center Posts
PSB5C	30" (762 mm)	For 135 Degree Rectangular Center Posts
BPG2BL	-----	Replacement Moisture Barrier Gasket

Minimum order: 1 each. *Specify color when ordering. Base measures 6" x 6" (152 x 152 mm) and is 1/2" (12 mm) thick.

STANDARD COLORS



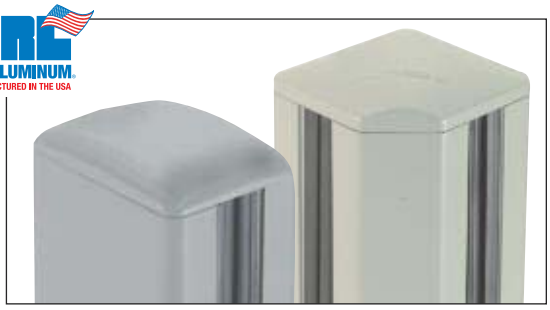
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

CRL AWS Rectangular Post Caps

- Ready to Install
- Available in Seven Standard Colors, Plus Mill Aluminum
- Attaches to Post Using Our 95CBL Silicone

MORE INFORMATION crlaurence.com



Rectangular Post Top Caps slip easily into our Post Extrusions. Use our Cat. No. 95C Silicone (see page HR242) to secure and fasten Caps to Posts. Standard colors are shown on page HR232. Additional color options include over 250 quick turn custom colors, as well as the ability to color match to your requirements.

Caps for 180 Degree Center or End Posts



CAT. NO.	COLOR
PC1EWW	Sky White
PC1EW0W	Oyster White
PC1EWAGY	Agate Gray
PC1EWBGY	Beige Gray
PC1EWBL	Matte Black
PC1EWBRZ	Matte Bronze
PC1EWS	Silver Metallic
PC1EWCRM	Mill Aluminum

Minimum order: 1 each.

Caps for 135 Degree Center Posts



CAT. NO.	COLOR
PC135SW	Sky White
PC135S0W	Oyster White
PC135SAGY	Agate Gray
PC135SBGY	Beige Gray
PC135SBL	Matte Black
PC135SBRZ	Matte Bronze
PC135SS	Silver Metallic
PC135SCRM	Mill Aluminum

Minimum order: 1 each.

Caps for 90 Degree Corner Posts



CAT. NO.	COLOR
PC9SW	Sky White
PC9S0W	Oyster White
PC9SAGY	Agate Gray
PC9SBGY	Beige Gray
PC9SBL	Matte Black
PC9SBRZ	Matte Bronze
PC9SS	Silver Metallic
PC9SCRM	Mill Aluminum

Minimum order: 1 each.

CRL AWS Round Post Caps

- Ready to Install
- Available in Seven Standard Colors, Plus Mill Aluminum



Round Post Top Caps slip easily into our Post Extrusions. Use our Cat. No. 95C Silicone (see page HR242) to secure and fasten Caps to Posts. Standard colors are shown on page HR232. Additional color options include over 250 quick turn custom colors, as well as the ability to color match to your requirements.

Caps for 180 Degree Center or End Posts



CAT. NO.	COLOR
PC1RW	Sky White
PC1R0W	Oyster White
PC1RAGY	Agate Gray
PC1RBGY	Beige Gray
PC1RBL	Matte Black
PC1RBRZ	Matte Bronze
PC1RS	Silver Metallic
PC1RCRM	Mill Aluminum

Minimum order: 1 each.

Caps for 135 Degree Center Posts



CAT. NO.	COLOR
PC135RW	Sky White
PC135R0W	Oyster White
PC135RAGY	Agate Gray
PC135RBGY	Beige Gray
PC135RBL	Matte Black
PC135RBRZ	Matte Bronze
PC135RS	Silver Metallic
PC135RCRM	Mill Aluminum

Minimum order: 1 each.

Caps for 90 Degree Corner Posts



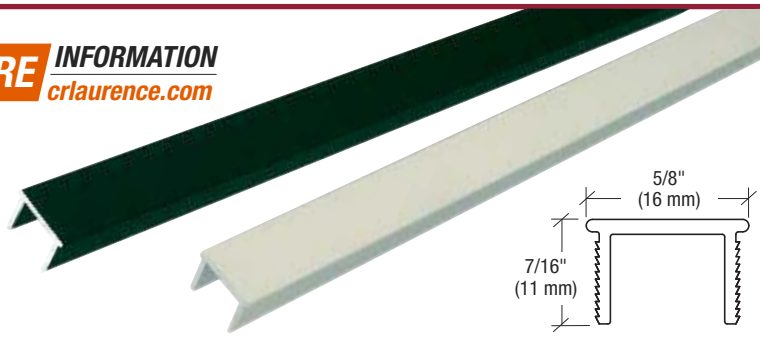
CAT. NO.	COLOR
PC9RW	Sky White
PC9R0W	Oyster White
PC9RAGY	Agate Gray
PC9RBGY	Beige Gray
PC9RBL	Matte Black
PC9RBRZ	Matte Bronze
PC9RS	Silver Metallic
PC9RCRM	Mill Aluminum

Minimum order: 1 each.

CRL AWS Windscreen Post Pocket Fillers

MORE INFORMATION crlaurence.com

- Ready to Snap Into Glass Pocket
- Low Maintenance, With Special Coating to Prevent Corrosion
- Seven Standard Colors, Plus Mill Aluminum



CAT. NO.*	LENGTH
PF36	36" (914 mm)
PF48	48" (1219 mm)
PF60	60" (1524 mm)
PF72	72" (1829 mm)
PF194#	241" (6.12 m)

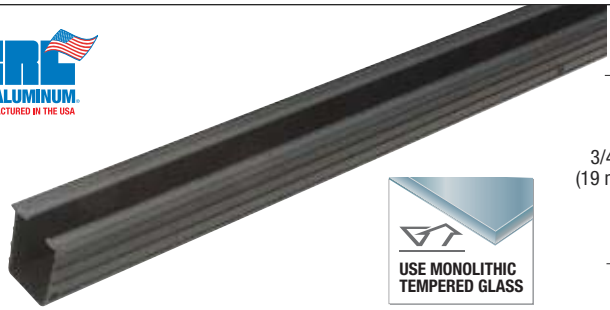
Minimum order: 1 each. *Specify color when ordering.
See page HR232 for color chart. # Must ship common carrier.

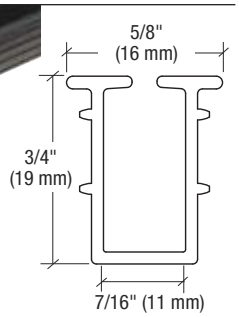
CRL AWS Windscreen Post Pocket Fillers are designed to be snapped into the glass pocket of the Windscreen Post where glass will not be used. No tools or adhesives are required, and they can be removed to reconfigure post layouts if required. All Post Pocket Fillers are low maintenance, with a special coating to prevent corrosion. These aluminum fillers are available in the same seven standard colors as our Windscreen Posts, plus mill aluminum. Custom colors are also available.



CRL AWS Rigid Glazing Vinyl

- Black Color Rigid Push-In Glazing Vinyl for Use With Aluminum Windscreen Posts and Bottom Rails
- Designed to Accommodate 1/4" to 3/8" (6 to 10 mm) Tempered Glazing





CAT. NO.	LENGTH
GV36BL	36" (914 mm)
GV48BL	48" (1219 mm)
GV60BL	60" (1524 mm)
GV72BL	72" (1829 mm)
GV120BL#	144" (3.66 m)

Minimum order: 1 each. # Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

AWS Rigid Glazing Vinyl is used to dry glaze 1/4"to 3/8" (6 to 10 mm) tempered glass into CRL AWS Windscreen System Posts and Bottom Rails. Available in five different lengths, the Vinyl has an overall width of 5/8" (16 mm).



CRL AWS Bottom Rail Kits With Rigid Glazing Vinyl

- Low Maintenance, With a Special Coating to Prevent Corrosion
- Designed to Accommodate 1/4" and 3/8" (6 and 10 mm) Tempered Glazing
- Seven Standard Colors, Plus Mill Aluminum
- Custom Colors Also Available



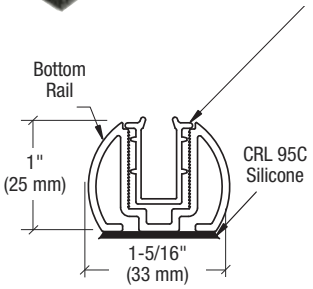


Included Vinyl is only for use with 1/4" to 3/8" (6 to 10 mm) tempered glazing. 1/2" (12 mm) tempered glass must be wet glazed.

CAT. NO.*	LENGTH
BR36K	36" (914 mm)
BR48K	48" (1219 mm)
BR60K	60" (1524 mm)
BR72K	72" (1829 mm)
BR194#	241" (6.12 m)

Minimum order: 1 each. *Specify color when ordering.
See page HR232 for color chart. # Must ship common carrier.

AWS Bottom Rails are designed to be mounted to a substrate using Cat. No. 95C Silicone (see page HR242). All AWS Bottom Rails have a special chromate coating to prevent corrosion, and are powder coated in the stock colors to match our Windscreen Posts. Kits include a length of Rigid Glazing Vinyl.

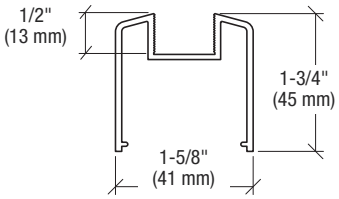




TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Intermediate Bottom Glass Rail

- Bottom Rail Designed to Accommodate 1/4" to 1/2" (6 to 12 mm) Tempered Glass
- Seven Standard Colors, Plus Mill Aluminum





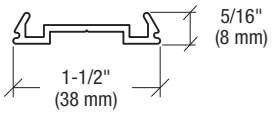
CAT. NO.	COLOR
BRGLSW	Sky White
BRGLS0W	Oyster White
BRGLSAGY	Agate Gray
BRGLSBGY	Beige Gray
BRGLSBL	Matte Black
BRGLSBRZ	Matte Bronze
BRGLSS	Silver Metallic
BRGLSCRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

Our Intermediate Bottom Rail is designed to accommodate 1/4" to 3/8" (6 to 10 mm) tempered glass with vinyl, 1/2" (12 mm) glazing if wet glazed. Simply snaps over Rail Connecting Block for an easy install. Stock lengths measure 20'-1" (6.12 m).

CRL Standard Bottom Rail Filler

- Snaps in to Conceal the Underside of Bottom Rails and Create a Flush Look
- Seven Standard Colors, Plus Mill Aluminum





CAT. NO.	COLOR
BRF241W	Sky White
BRF2410W	Oyster White
BRF241AGY	Agate Gray
BRF241BGY	Beige Gray
BRF241BL	Matte Black
BRF241BRZ	Matte Bronze
BRF241S	Silver Metallic
BRF241CRM	Mill Aluminum

Minimum order: 1 each. Must ship common carrier.

CRL Standard Bottom Rail Filler is designed to finish off the underside of the Bottom Glass Rail to create a flush look. Stock lengths measure 20'-1" (6.12 m).

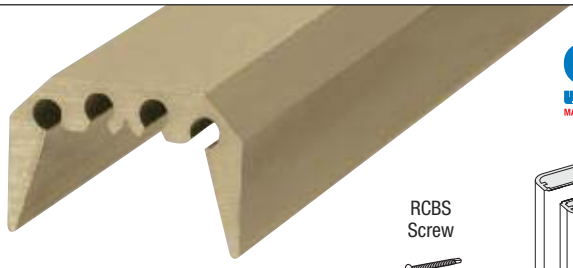
CRL Rail Connecting Blocks

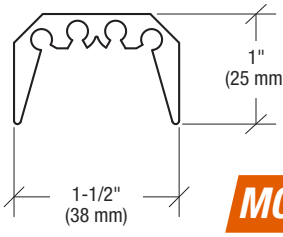
- For Use When Installing Bottom Rails
- Three Standard Lengths Available

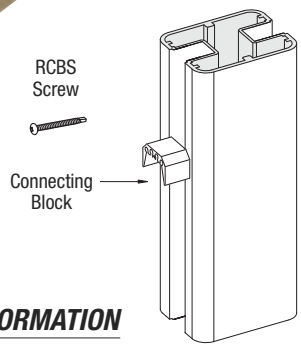
Use CRL Rail Connecting Blocks to connect Bottom Rails to vertical posts. Screw Blocks through outer two screw race locations on post using Cat. No. RCBS Rail Connecting Block Screws (see page HR243). Miter cut the 12" or 241" lengths when building angles and slopes. All Connecting Blocks are extruded aluminum with a weather resistant chromate finish.

CAT. NO.	LENGTH
RCB2	1" (25 mm)
RCB212	12" (305 mm)
RCB2241#	241" (6.12 m)

Minimum order: 1 each. # Must ship common carrier.





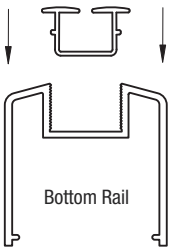


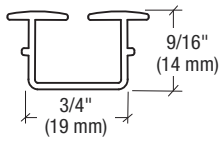
MORE INFORMATION crlaurence.com

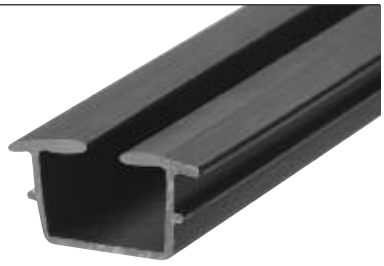
CRL Bottom Rigid Glazing Vinyl

- Vinyl is Designed to Snap in Before the Glass is Installed
- Two Sizes for Use With 1/4" or 3/8" (6 or 10 mm) Thick Tempered Glass

CRL Bottom Rigid Vinyl comes in two sizes to hold 1/4" or 3/8" (6 or 10 mm) glass. When installing Rigid Vinyl, snap it into place before you install the glass. Stock lengths are 12' (3.66 m).







CAT. NO.	DESCRIPTION
14BV	Bottom Vinyl for 1/4" (6 mm) Thick Glass
38BV	Bottom Vinyl for 3/8" (10 mm) Thick Glass

Minimum order: 1 each. Sizes can be combined for quantity pricing. A Packaging Charge will be added to orders of fewer than five combined lenghts. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

CRL 95C Silicone Building Sealant

- Excellent Primerless Adhesion to Most Common Construction Substrates
- ±50% Joint Width Movement
- Long Tooling Time, All Temperature Gunning, Plus Each Cartridge has Screw-On Nozzle
- Custom Colors Available



10.3 Fl. Oz. (305 ml) Cartridges; 30 Cartridges Per Case; 1440 Cartridges Per Pallet

MORE INFORMATION crlaurence.com

MSDS ONLINE

SPEC. DATA ONLINE

Available in These Colors



CRL 95C Silicone is a one part, low modulus, neutral cure formulation that cures to a durable and flexible silicone rubber building joint seal. It can accommodate ±50 percent joint movement in properly designed joints. Designed for sealing expansion and control joints in precast concrete panels and metal curtainwalls; non-structural glazing of glass, metal, and plastic, as well as waterproofing applications, including perimeter sealing of doors and windows. CRL 95C forms a durable, flexible, watertight bond with most building materials in any combination of glass, ceramics, plastics, stone, masonry, wood, steel, anodized and mill-finished aluminum, and painted surfaces. CRL 95C can be applied at outdoor temperatures as low as -20°F (-29°C), provided that surfaces are clean, dry, and frost-free, or on surfaces as high as 100°F (38°C). Cured sealant will perform at cold temperatures down to -40°F (-40°C), or at temperatures up to 350°F (177°C). Qualifies for LEED® (Leadership in Energy and Environmental Design) Green Building Rating System™ credit.

CAT. NO.	FINISH
95CBL	Black
95CDBRZ	Dark Bronze
95CGRY	Gray
95CL	Limestone
95CW	Precast White
95CWHT	White

Minimum order: 1 each. Colors can be combined for quantity pricing. Also available in 2 and 4.5 gallon pails.

CRL Lacquer Blend Touch-Up Paint

- Matches Seven Standard CRL Powder Paint Colors (See Page HR232)
- Used to Cover Scratches or Bare Metal Ends

MSDS ONLINE

NO AIR FREIGHT





CAT. NO.	FINISH
SP8W	Sky White
SP80W	Oyster White
SP8AGY	Agate Gray
SP8BGY	Beige Gray
SP8BL	Matte Black
SP8BRZ	Matte Bronze
SP8S	Silver Metallic

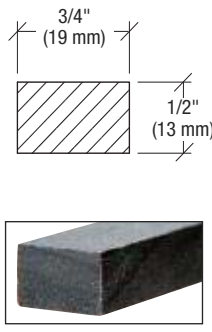
Minimum order: 1 each. Colors can be combined for quantity pricing.

Use CRL Lacquer Blend Touch-Up Paint to cover scratches or bare metal ends. It can be applied at the job site, thus eliminating the need for costly dismantling and reassembling of the affected parts. Touch-Up Paint is a cost and labor saver. 12 oz. (340 g) per can.

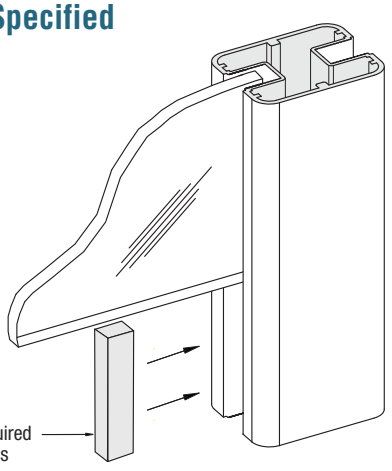
CRL Glass Pocket Setting Block for Windscreen Posts

- Can Be Easily Cut to Any Length
- Will Not Compress Under Glass Weight
- Black in Color





- Designed for Applications Where No Bottom Rail is Specified



Setting Block is Cut to Required Length and Inserted in Glass Pocket with our 95CBL Silicone.

CRL Windscreen Post Setting Blocks are designed for applications where no bottom rail is specified. The Blocks fit into the glass pocket to support the glass panel at the height you determine. It is made of a rigid UHMW plastic composite that won't compress under the weight of the glass, helping to maintain an even sight line. You can trim it to any length you require.

CAT. NO.	THICKNESS	WIDTH	LENGTH
WPSB1	1/2" (13 mm)	3/4" (19 mm)	24" (610 mm)

Minimum order: 1 each.

LEED is a registered trademark of U.S. Green Building Coucil Corporation

CRL 3/8" Lag Bolts

- Attach Vertical Posts to a Wooden Substrate
- 304 Stainless Steel



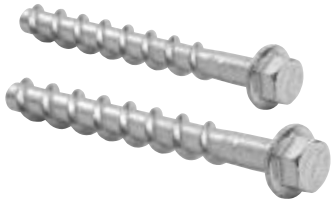
MORE INFORMATION crlaurence.com

CAT. NO.	LENGTH
LB350	3-1/2" (90 mm)
LB600	6" (152 mm)

Minimum order: 20 each.

Hilti® KWIK HUS-EZ Screw Anchors

- Heat Treated Carbon Steel Anchors Used to Attach Vertical Posts to Concrete Substrate



CAT. NO.	SIZE	LENGTH
WBA14X3	1/4" (6 mm)	3" (76 mm)
WBA38X4	3/8" (10 mm)	4" (102 mm)

Minimum order: 50 each.

Hilti® HSL-3 Heavy-Duty Concrete Expansion Anchor



- Optimized Design Provides Reliable Performance in a Wide Range of Applications

CAT. NO.	SIZE	LENGTH
EBA334	M8	3-7/8" (98 mm)

Minimum order: 10 each. Requires a 1/2" (12 mm) hole diameter in concrete.

CRL Color Match Bolt Cover Buttons

- Snap-On Fit
- Seven Standard Colors

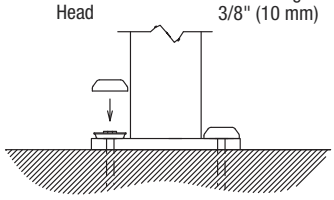
CRL Color Match Bolt Cover Buttons are designed to cover up exposed Concrete Anchors and Lag Bolts on Vertical Post Base Plates. Plastic Buttons snap over Cat. No. WSHR1 Stainless Steel Washers to create a finished look.





Button Snaps on Washer to Conceal Anchor Head

Button Diameter: 1-3/16" (30 mm)
Button Height: 3/8" (10 mm)



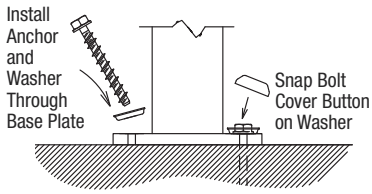
CAT. NO.	COLOR
BTN1W	Sky White
BTN10W	Oyster White
BTN1AGY	Agate Gray
BTN1BGY	Beige Gray
BTN1BL	Matte Black
BTN1BRZ	Matte Bronze
BTN1DS	Dark Silver

Minimum order: 50 each.

CRL Stainless Steel Button Washer

- Sleek Design Allows Bolt Cover Buttons to Snap Over the Stainless Steel Washer
- 304 Grade Stainless Steel

1" (25 mm) diameter Stainless Steel Washer with a 7/16" (11 mm) hole. Designed to accept CRL Color Match Bolt Cover Buttons.





CAT. NO.	DIAMETER	HOLE	THICKNESS
WSHR1	1" (25 mm)	7/16" (11 mm)	1/8" (3.2 mm)

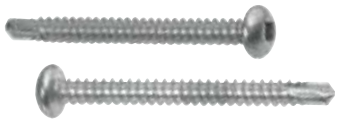
Minimum order: 50 each.

CRL Rail Connecting Block Screws

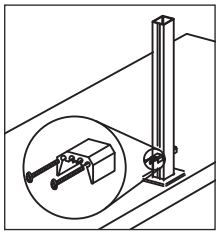
- For Securing Rail Connecting Blocks to the Post
- Self-Tapping Type Points
- 304 Stainless Steel



CAT. NO. 9502
Square Insert Bit
Minimum order: 1 each



CAT. NO. RCBS
#10 x 2" Rail Connecting Block Screw
Minimum order: 50 each



CRL Tek Screws

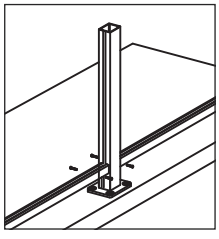
- Holds Elevated Bottom Rail to Rail Connecting Blocks
- Self-Tapping Type Points
- 304 Stainless Steel



CAT. NO. 9502
Square Insert Bit
Minimum order: 1 each



CAT. NO. TEK1
#8 x 3/4" Rail Fastening Screw
Minimum order: 50 each



Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation.

CRL 4" x 4" Square Windscreen Post System

- Heights Up to 48" (1219 mm) for Surface Mount Applications
- Seven Standard Powder Coated Colors, Plus Mill Aluminum
- Custom Colors Also Available
- Accommodates 1/4" to 3/8" (6 to 10 mm) Tempered Glass Dry Glazed With Vinyl
- Accommodates 1/2" (12 mm) Tempered Glass When Wet Glazed

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com



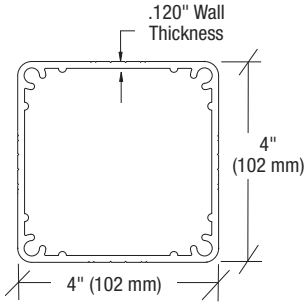
With seven standard colors available plus mill aluminum, and over 250 quick turn colors to choose from, CRL can build Windscreen Systems that fit a wide variety of environments, commercial or residential. Ideal for pools, decks, outdoor dining areas, and balconies, our 4" x 4" (102 x 102 mm) Square Post System can be fabricated to your custom layout. Or you can choose to buy just the components and fabricate your own at the job site.

CRL 4" x 4" Square Posts and Surface Mount Post Kits

CRL US ALUMINUM MANUFACTURED IN THE USA

- 4" (102 mm) Square Posts Designed for Use in Our 4" x 4" (102 x 102 mm) Square Windscreen Post System
- Use for Centers, Ends or 90 Degree Corners
- Available in Three Different Heights

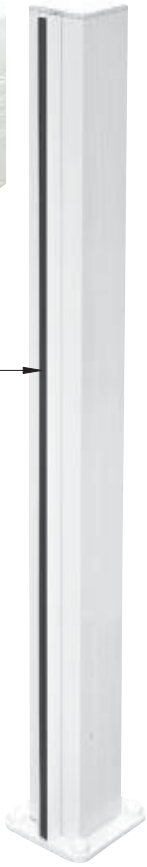
- Kits Come Complete With Post, Top Cap, Base Plate, Moisture Barrier Gasket, Screws, Stainless Washers, and Bolt Cover Buttons





POST KITS INCLUDE:





Minimum order: 1 each. * Specify color when ordering.
Must ship common carrier.

4" X 4" (102 X 102 MM) POST ONLY

CAT. NO.*	DESCRIPTION	HEIGHT/LENGTH
4P36	36" Post	37" (940 mm)
4P42	42" Post	43" (1092 mm)
4P48	48" Post	49" (1244 mm)
4P241#	20'-1" Stock Length	241" (6.12 m)

4" X 4" (102 X 102 MM) POST KITS

CAT. NO.*	DESCRIPTION	HEIGHT
4P36K	36" Post Kit	37" (940 mm)
4P42K	42" Post Kit	43" (1092 mm)
4P48K	48" Post Kit	49" (1244 mm)

Minimum order: 1 each. * Specify color when ordering.

STANDARD COLORS



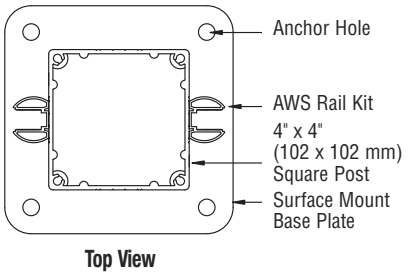
Colors shown are representative only, and may vary slightly from actual gloss, color, and texture.
If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

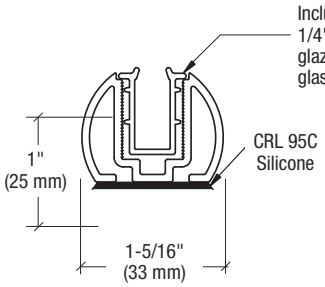
CRL AWS Rail Kits

- **For Use With Our 4" x 4" (102 x 102 mm) Square Windscreen Posts**
- **Forms Side Channel to Accommodate 1/4" and 3/8" (6 and 10 mm) Tempered Glazing**

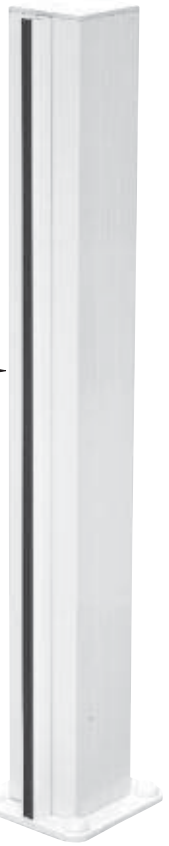
AWS Rail Kits are used to form the side rails on our 4" x 4" (102 x 102 mm) Square Posts. Available in seven colors, plus mill aluminum. Black color vinyl accommodates tempered glass from 1/4" to 3/8" (6 to 10 mm) thick. Order Kits cut in specific lengths or by the stock length so you can cut your own.



Top View







Post
Sold Separately
(See opposite page)



CAT. NO. BREC1*

Glazing Channel
End Cap
*Specify color
when ordering

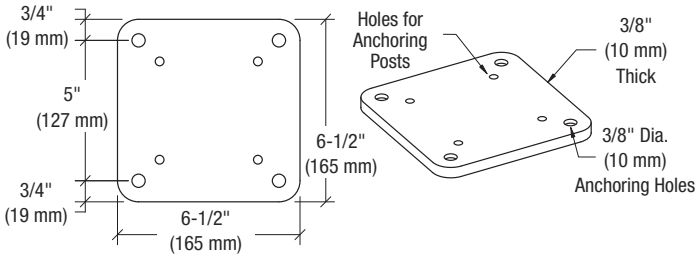
CAT. NO.*	DESCRIPTION	LENGTH
BR36K	Rail Kit and Vinyl	36" (914 mm)
BR48K	Rail Kit and Vinyl	48" (1219 mm)
BR60K	Rail Kit and Vinyl	60" (1524 mm)
BR72K	Rail Kit and Vinyl	72" (1829 mm)
BR194#	Rail Without Vinyl	241" (6.12 m)

Minimum order: 1 each. *Specify color when ordering. See opposite page for color chart.
Must ship common carrier.

CRL 6-1/2" Square Base Plates

- **For Use With Our 4" x 4" (102 x 102 mm) Square Posts**

This Square Base Plate screws into our 4" x 4" (102 x 102 mm) Square Post, and is countersunk to accept four Cat. No. BPS112 Base Plate Screws. Attach to substrate with Concrete Anchors or Lag Bolts (see page HR243). Use Stainless Steel Washers (WSHR1) and Color Match Bolt Cover Buttons (BTN1) to add a finished look. One each Moisture Barrier Gasket Cat. No. BPG3BL is included with each Base Plate.



CAT. NO.	COLOR
BP6W	Sky White
BP60W	Oyster White
BP6AGY	Agate Gray
BP6BGY	Beige Gray
BP6BL	Matte Black
BP6BRZ	Matte Bronze
BP6S	Silver Metallic
BP6CRM	Mill Aluminum

Minimum order: 1 each. See opposite page for color chart.

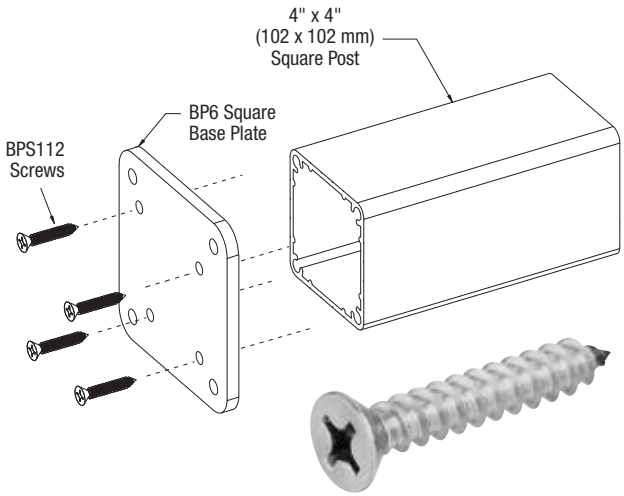


CRL Base Plate Screws

MORE INFORMATION crlaurence.com

- **Stainless Steel Screws for Use With All Square Base Plates**

The CRL Base Plate Screw is designed to secure Base Plates into the screw races of 4" x 4" (102 x 102 mm) Square Posts. Phillips Head Screw fits flush beneath the BP6 Base Plate.



CAT. NO.	DESCRIPTION	SIZE
BPS112	Base Plate Screw	#14 x 1-1/2" (38 mm)

Minimum order: 50 each. Must be ordered in increments of 50.

CRL 4" x 4" Standard Post Caps

- Seven Standard Colors, Plus Mill Aluminum
- Custom Powder Coated Finishes Also Available
- Easy to Install

CRL 4" x 4" (102 x 102 mm) Standard Post Caps are designed to fit our 4" x 4" Square Aluminum Posts. They protect the exposed top edge from weather and debris. Caps install easily with CRL 95CBL Silicone (see page HR242).





CAT. NO.	COLOR
PC4W	Sky White
PC40W	Oyster White
PC4AGY	Agate Gray
PC4BGY	Beige Gray
PC4BL	Matte Black
PC4BRZ	Matte Bronze
PC4S	Silver Metallic
PC4CRM	Mill Aluminum

Minimum order: 1 each.

STANDARD COLORS FOR ALL 4" x 4" (102 x 102 mm) SQUARE POST CAPS



Colors shown are representative only, and may vary slightly from actual gloss, color, and texture.
If color match is critical, please contact Technical Sales for additional information.

Additional Color Options - CRL has over 250 quick turn custom color options with the ability to color match as well.

CRL 4" x 4" Sirius Series Decorative Post Caps

- For Use With CRL's 4" x 4" (102 x 102 mm) Square Aluminum Post Kits
- Seven Standard Colors, Plus Mill Aluminum
- Custom Powder Coated Finishes Also Available
- Easy to Install





CAT. NO.	COLOR
PCS1W	Sky White
PCS10W	Oyster White
PCS1AGY	Agate Gray
PCS1BGY	Beige Gray
PCS1BL	Matte Black
PCS1BRZ	Matte Bronze
PCS1S	Silver Metallic
PCS1CRM	Mill Aluminum

Minimum order: 1 each.

CRL's Sirius Series Post Caps are manufactured from powder coated cast aluminum components, and are designed to surface mount to the top of our standard 4" x 4" (102 x 102 mm) Square Post Kits. These surface mount caps offer a decorative look as they protect the top of the post from weather and debris. Caps install easily with self tapping/drilling screws and CRL 95CBL Silicone (see page HR242).

MORE INFORMATION crlaurence.com

CRL 4" x 4" Titan Series Decorative Post Caps

- For Use With CRL's 4" x 4" (102 x 102 mm) Square Aluminum Post Kits
- Seven Standard Colors, Plus Mill Aluminum
- Custom Powder Coated Finishes Also Available
- Easy to Install





CAT. NO.	COLOR
PCS2W	Sky White
PCS20W	Oyster White
PCS2AGY	Agate Gray
PCS2BGY	Beige Gray
PCS2BL	Matte Black
PCS2BRZ	Matte Bronze
PCS2S	Silver Metallic
PCS2CRM	Mill Aluminum

Minimum order: 1 each.

CRL's Titan Series Post Caps are manufactured from powder coated cast aluminum components and are designed to surface mount to the top of our standard 4" x 4" (102 x 102 mm) Square Post Kits. These surface mount caps offer a decorative look as they protect the top of the post from weather and debris. Caps install easily with self tapping/drilling screws and CRL 95CBL Silicone (see page HR242).

CRL Gate Systems and Hardware

CRL Makes Gates for Our Major Railing Systems:

- Cap Railing Swinging Gates
- Aluminum Railing System Gates
- Aluminum Windscreen System Gates

CRL has the experience and resources to create gate systems to your exact requirements that are both attractive in appearance and precise in function. These sturdy systems lend security to pool surrounds, decks, patios, and outdoor dining areas.

Our Gates are designed to be an integral part of our railing and windscreen systems, allowing a continuity of appearance throughout the project. Colors and finishes can be complementary or in contrast, and infill options can range from glass to pickets.

Security options range from keyed locking devices to simple latching mechanisms, and automated opening and closing devices can be incorporated into the design.

On these next few pages you will see some of the Gate System options available to you from CRL. Once you determine the right gate for your railing, glass pool surround or windscreen project, we invite you to contact the CRL Railing Technical Sales Staff. We can assist with the design, ordering, and installation process. **NOTE:** Other Gate System options and accessories available at **crlaurence.com/gate-hardware**.







Gate Hardware

MORE INFORMATION crlaurence.com

We provide a large selection of hardware for the fabrication and mounting of attractive and secure gate systems. All of it is designed to provide smooth operation and look good while doing it. You can view our complete Gate Hardware line at **crlaurence.com/gate-hardware**.

Pivots and Patch Fittings
pages HR253-HR254



Self-Closing Hinges
page HR255



Locks, Bolts, and Latches
pages HR256-HR257



CRL GRS Cap Railing Swinging Gate

- Heavy-Duty Glass Gate With Optional Cap Rail
- Beautiful in Design and Functional in Operation
- Gate Can Be Adjusted In and Out at Both the Top and the Bottom
- Custom Fabricated to Meet Your Design Requirements
- Ask About Our New Free-Standing Post Model

MORE INFORMATION crlaurence.com



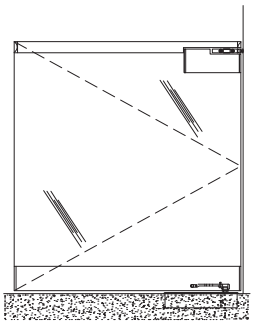
We have developed a series of Swinging Gates for commercial or residential use, either alone or with our GRS Glass Rail System. The gates are an offshoot of our Wedge-Lock® Door Rail System, and can be combined with our GRS Cap Rails. The bottom rail can be widened to match the width of an adjacent fixed railing Base Shoe. The upper patch fitting is modified to allow for mounting to a stainless steel bracket, and may also be modified to accommodate a Cap Rail. The top of the Gate pivots on a heavy-duty ball bearing, while the bottom pivots on a floor mounted commercial door closer. The floor closer always returns the Gate to the closed position, and the closing speed is adjustable.

All Swinging Gates are custom fabricated to your specifications. The unit above was mounted to a 4" (102 mm) square steel post set in concrete with machine screws and concealed in the finished wall. This is important, because the tight clearances used in the installation require the Gate to be rigidly mounted.

NOTE: Available in either Wall Mount or Post Mount models by custom order only. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

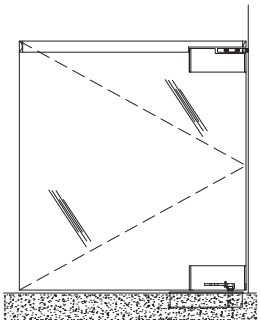
Wall Mounted (Type W#) and Post Mounted (Type P#) Gates

These are the most common configurations of Swinging Gates. Find the configuration that best matches your requirements and then use the handy menu on the next page to design the Swinging Gate that's right for you.



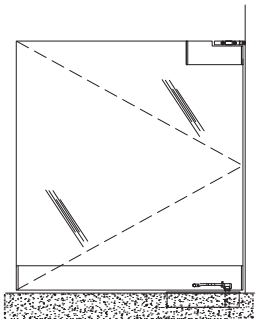
TYPES W1/P1

Wall or post mount top pivot, floor closer, cap rail, top patch, and full bottom rail.



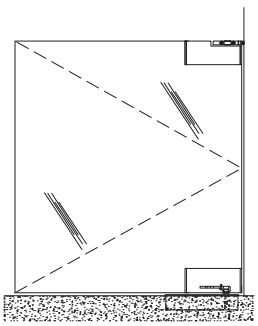
TYPES W2/P2

Wall or post mount top pivot, floor closer, cap rail, top and bottom patch.



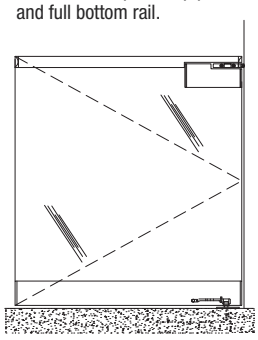
TYPES W3/P3

Wall or post mount top pivot, floor closer, top patch, and full bottom rail.



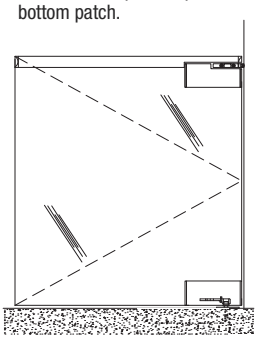
TYPES W4/P4

Wall or post mount top pivot, floor closer, top and bottom patch.



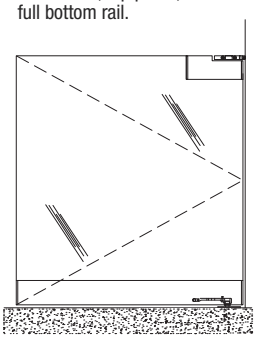
TYPES W5/P5

Wall or post mount top and bottom pivots, cap rail, top patch, and full bottom rail.



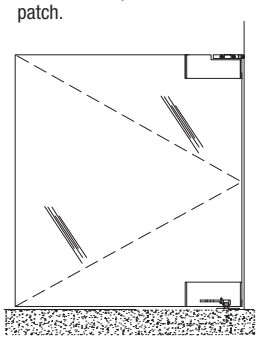
TYPES W6/P6

Wall or post mount top and bottom pivots, cap rail, top and bottom patch.



TYPES W7/P7

Wall or post mount top and bottom pivots, top patch, and full bottom rail.



TYPES W8/P8

Wall or post mount top and bottom pivots, top and bottom patch.

NOTE: We recommend the use of 1/2" (12 mm), 5/8" (16 mm), or 3/4" (19 mm) tempered monolithic or tempered laminated glass.

CRL GRS Cap Railing Swinging Gate

- 16 Configurations to Choose From
- Wall or Post Mounted
- Four Handing Options
- Stainless Steel, Anodized, and Painted Finishes
- Every Swinging Gate is Custom Fabricated to Your Requirements
- Optional Locks Available

MORE INFORMATION crlaurence.com



CRL GRS Cap Railing Swinging Gate System With Wood Top Rail

WALL MOUNT SWINGING GATE

CAT. NO.	TOP PIVOT PLUS...	TYPE
SGW1C	Cap Rail, Top Patch, and Full Bottom Rail	W1
SGW2C	Cap Rail, Top and Bottom Patch	W2
SGW3C	Top Patch and Full Bottom Rail	W3
SGW4C	Top and Bottom Patch	W4

CAT. NO.	TOP AND BOTTOM PIVOT PLUS...	TYPE
SGW5C	Cap Rail, Top Patch, and Full Bottom Rail	W5
SGW6C	Cap Rail, Top and Bottom Patch	W6
SGW7C	Top Patch and Full Bottom Rail	W7
SGW8C	Top and Bottom Patch	W8



or



POST MOUNT SWINGING GATE

CAT. NO.	TOP PIVOT PLUS...	TYPE
SGP1C	Cap Rail, Top Patch, and Full Bottom Rail	P1
SGP2C	Cap Rail, Top and Bottom Patch	P2
SGP3C	Top Patch and Full Bottom Rail	P3
SGP4C	Top and Bottom Patch	P4

CAT. NO.	TOP AND BOTTOM PIVOT PLUS...	TYPE
SGP5C	Cap Rail, Top Patch, and Full Bottom Rail	P5
SGP6C	Cap Rail, Top and Bottom Patch	P6
SGP7C	Top Patch and Full Bottom Rail	P7
SGP8C	Top and Bottom Patch	P8

NOTE: We recommend the use of 1/2" (12 mm), 5/8" (16 mm), or 3/4" (19 mm) tempered monolithic or tempered laminated glass.

Use This Menu to Design the Swinging Gate of Your Choice

SELECT GATE STYLE

Wall Mount	Post Mount
❑ W1	❑ P1
❑ W2	❑ P2
❑ W3	❑ P3
❑ W4	❑ P4
❑ W5	❑ P5
❑ W6	❑ P6
❑ W7	❑ P7
❑ W8	❑ P8

BOTTOM RAIL LOCK OPTIONS

- ❑ None
- ❑ Cylinder Both Sides
- ❑ Cylinder (Outside Only)
- ❑ Cylinder (Inside Only)
- ❑ Cylinder/Thumbturn (Outside)
- ❑ Cylinder/Thumbturn (Inside)
- ❑ Other _____

CENTER LOCK HOUSINGS

- ❑ PTH311 Latch Lock
- ❑ PTH312 Latch
- ❑ PTH314 Latch Keeper
- ❑ PTH303 Lever Handle
- ❑ None

FINISH

- ❑ Brushed Stainless Steel (BS)
- ❑ Polished Stainless Steel (PS)
- ❑ Polished Brass (PB)
- ❑ Satin Brass (SB)
- ❑ Satin Anodized (SA)
- ❑ Dark Bronze Anodized (DU)
- ❑ Powder Coated (PT) RAL#_____
- ❑ Custom Finish (C) Specify _____

FLOOR CLOSER/FLOOR PIVOT OPTIONS

- ❑ J990NH0D 180 Degree Swing No Hold Open
- ❑ J993H0D 180 Degree Swing Hold Open
- ❑ CRL8010DP Floor/Threshold Mnt. Pivot
- ❑ CRL8010BP Standard Floor Mnt. Pivot
- ❑ Other _____

POST MOUNT

- ❑ Core Mount
- ❑ Surface Mount with Base Plate
- ❑ Other _____

GLAZING

- ❑ 1/2" (12 mm)
- ❑ 5/8" (16 mm)
- ❑ 3/4" (19 mm)
- ❑ Other _____

TOP CAP DIAMETER

- ❑ 1-1/2" (38 mm) Diameter Top Cap
- ❑ 2" (51 mm) Diameter Top Cap
- ❑ 2-1/2" (64 mm) Diameter Top Cap
- ❑ 3" (76 mm) Diameter Top Cap
- ❑ 3-1/2" (89 mm) Diameter Top Cap
- ❑ 4" (102 mm) Diameter Top Cap
- ❑ 1-1/2" (38 mm) Square Top Cap
- ❑ 2" (51 mm) Square Top Cap
- ❑ 2-1/2" (64 mm) Square Top Cap
- ❑ No Cap

POST SIZE

Round Post

- ❑ 2-1/2" (64 mm) Diameter
- ❑ 2-7/8" (73 mm) Diameter
- ❑ 3" (76 mm) Diameter
- ❑ 4" (102 mm) Diameter

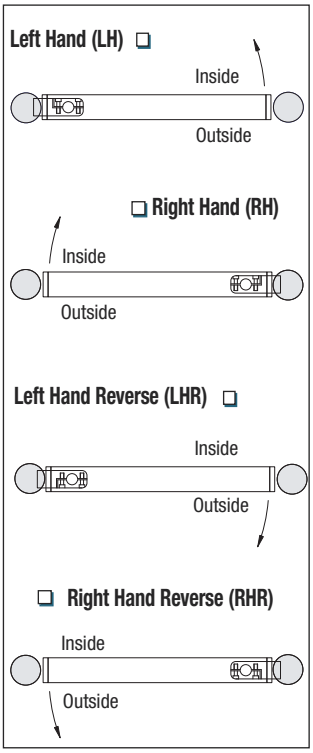
Square Post

- ❑ 2-1/2" x 2-1/2" (64 mm)
- ❑ 2-7/8" x 2-7/8" (73 mm)
- ❑ 3" x 3" (76 mm)
- ❑ Other_____

BOTTOM RAIL STYLE

- ❑ 4" (102 mm) Tall (Wide Style) Bottom Rail
- ❑ 4" (102 mm) Standard Bottom Rail
- ❑ 9-1/2" (241 mm) Long Patch Fitting

HANDING



CRL GRS 1202 Series Swinging Glass Gate Systems

USE MONOLITHIC TEMPERED GLASS

- Heavy-Duty Glass Gate With Optional Cap Rail
- Beautiful in Design and Functional in Operation
- Unique Closing Device Located in Vertical Post
- Custom Fabricated to Meet Your Design Requirements
- Wall, Post, and Glass-to-Glass Mounting Options
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



Glass-to-Glass Swinging Gate Shown

Our GRS 1202 Series Swinging Gates are designed for commercial or residential use. The gates are an offshoot of our Wedge-Lock® Door Rail System, and can be combined with our GRS Cap Rails.

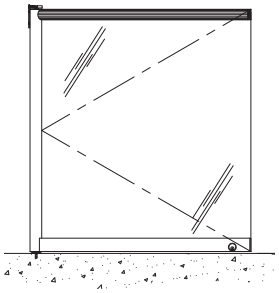
Our engineers developed a unique In-Rail Closing Mechanism which is concealed in the vertical post, eliminating the need for large enclosures in the floor. The closer always returns the Gate to the closed position, and the closing speed is adjustable.

NOTE: All Swinging Gates are custom fabricated to your specifications. Most orders can be fabricated in five business days at our Los Angeles, California manufacturing facility. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also send us an e-mail at **crlaurence.com/support**.

Wall Mounted (Type W#), Post Mounted (Type P#), and Glass-to-Glass Mounted (Type G#) Gates

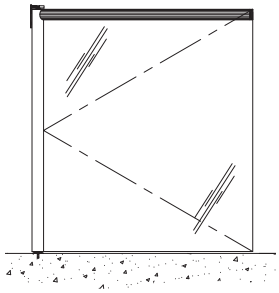
MORE INFORMATION crlaurence.com

These are the most common configurations of Swinging Gates. Find the configuration that best matches your requirements and then use the handy menu on the next page to design the Swinging Gate that's right for you.



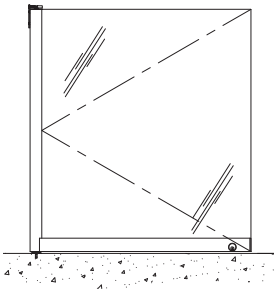
TYPES W1/P1/G1

Wall, post, or glass mount top pivot, in-rail closing mechanism, cap rail, and full bottom rail.



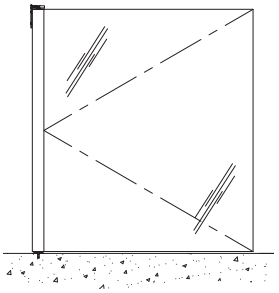
TYPES W2/P2/G2

Wall, post, or glass mount top pivot, in-rail closing mechanism, cap rail, and open bottom.



TYPES W3/P3/G3

Wall, post, or glass mount top pivot, in-rail closing mechanism, open top, and full bottom rail.



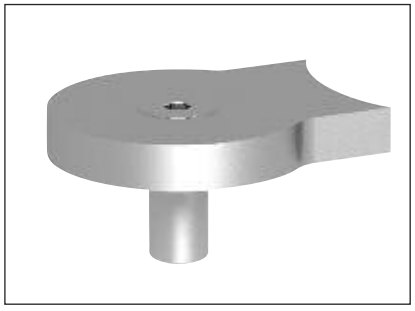
TYPES W4/P4/G4

Wall, post, or glass mount top pivot, in-rail closing mechanism, top and bottom open.



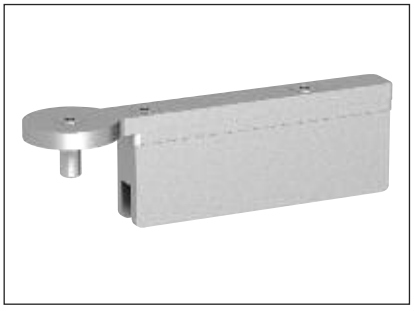
CAT. NO. 1202WGBS/PS

Wall Mount Gate Top Pivot



CAT. NO. 1202RPBS/PS

Round Post Mount Top Pivot



CAT. NO. 1202GGBS/PS

Glass-to-Glass Top Patch with Pivot

NOTE: Gate applications require the no-hold open closer model, and the gate open angle must be stopped at a maximum of 150 degrees.

CRL GRS 1202 Series Swinging Glass Gate Systems

- 12 Configurations to Choose From
- Wall, Post, or Glass Mounted
- Double Acting (No Hold Open) Design
- Gate Centering Adjustment: 10 Degree Range to Align Gate
- Stainless Steel, Brass, Anodized, and Painted Finishes
- Optional Locks Available

USE MONOLITHIC TEMPERED GLASS

CRL US ALUMINUM MANUFACTURED IN THE USA



Wall Mount Swinging Gate Shown

MORE INFORMATION crlaurence.com

WALL MOUNT SWINGING GATE

BRUSHED S.S. CAT. NO.	POLISHED S.S. CAT. NO.	TOP PIVOT PLUS...	TYPE
1202W1BSC	1202W1PSC	Cap Rail and Full Bottom Rail	W1
1202W2BSC	1202W2PSC	Cap Rail and Open Bottom	W2
1202W3BSC	1202W3PSC	Open Top and Full Bottom Rail	W3
1202W4BSC	1202W4PSC	Top and Bottom Open	W4

POST MOUNT SWINGING GATE

BRUSHED S.S. CAT. NO.	POLISHED S.S. CAT. NO.	TOP PIVOT PLUS...	TYPE
1202P1BSC	1202P1PSC	Cap Rail and Full Bottom Rail	P1
1202P2BSC	1202P2PSC	Cap Rail and Open Bottom	P2
1202P3BSC	1202P3PSC	Open Top and Full Bottom Rail	P3
1202P4BSC	1202P4PSC	Top and Bottom Open	P4

GLASS-TO-GLASS MOUNT SWINGING GATE

BRUSHED S.S. CAT. NO.	POLISHED S.S. CAT. NO.	TOP PATCH WITH PIVOT PLUS...	TYPE
1202G1BSC	1202G1PSC	Cap Rail and Full Bottom Rail	G1
1202G2BSC	1202G2PSC	Cap Rail and Open Bottom	G2
1202G3BSC	1202G3PSC	Open Top and Full Bottom Rail	G3
1202G4BSC	1202G4PSC	Top and Bottom Open	G4

Use This Menu to Design the Swinging Gate of Your Choice

SELECT GATE STYLE

Wall Mount	Post Mount	Glass Mount
❑ W1	❑ P1	❑ G1
❑ W2	❑ P2	❑ G2
❑ W3	❑ P3	❑ G3
❑ W4	❑ P4	❑ G4

BOTTOM RAIL LOCK OPTIONS

- ❑ None
- ❑ Cylinder Both Sides
- ❑ Cylinder (Outside Only)
- ❑ Cylinder (Inside Only)
- ❑ Cylinder/Thumbturn (Outside)
- ❑ Cylinder/Thumbturn (Inside)
- ❑ Other_____

CENTER LOCK HOUSINGS

- ❑ PTH311 Glass Mount Latch Lock
- ❑ PTH312 Glass Mount Passage Lock
- ❑ LH Series Glass Mount Latch Housing
- ❑ MLSP2BS Glass Mount Latch
- ❑ None

GATE LATCH OPTIONS

- ❑ MLSP2BS 180 Degree Glass-to-Glass
- ❑ MLSP3BS 90 Degree Glass-to-Glass
- ❑ MLSP4BS Wall/Square Post Mount
- ❑ MLSP5BS Wall/Round Post Mount
- ❑ None

FINISH

- ❑ Brushed Stainless Steel (BS)
- ❑ Polished Stainless Steel (PS)
- ❑ Polished Brass (PB)
- ❑ Satin Brass (SB)
- ❑ Satin Anodized (SA)
- ❑ Dark Bronze Anodized (DU)
- ❑ Powder Coated (PT) RAL# _____
- ❑ Custom Finish (C) Specify _____

POST MOUNT

- ❑ Core Mount
- ❑ Surface Mount with Base Plate
- ❑ Other _____

GLAZING

- ❑ 3/8" (10 mm)
- ❑ 1/2" (12 mm)
- ❑ Other _____

TOP CAP DIAMETER

- ❑ 1-1/2" (38 mm) Diameter Top Cap
- ❑ 2" (51 mm) Diameter Top Cap
- ❑ No Top Cap

BOTTOM RAIL STYLE

- ❑ 2-5/16" (59 mm) Standard Bottom Rail
- ❑ No Bottom Rail

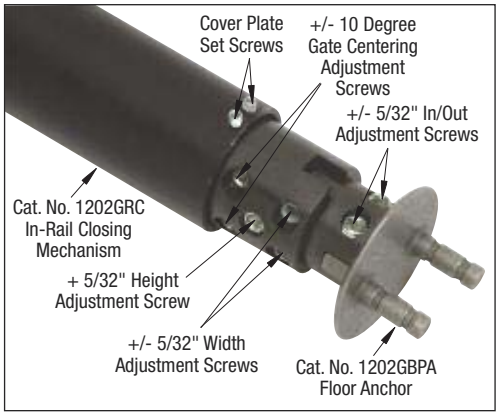
POST SIZE

Round Post

- ❑ 2-1/2" (64 mm) Diameter
- ❑ 2-7/8" (73 mm) Diameter
- ❑ 3" (76 mm) Diameter
- ❑ 4" (102 mm) Diameter

Square Post

- ❑ 2-1/2" x 2-1/2" (64 mm)
- ❑ 3" x 3" (76 mm)
- ❑ 4" x 4" (102 mm)
- ❑ Other _____



Bottom In-Rail Closing Mechanism with Floor Anchor

CRL Custom Gate Systems

- Passage, Driveway, and Door Style Glass or Picket Gates are Available
- Fabrication to Code for Pool Surrounds
- Tension Adjustable Self-Closing Hinge is Standard
- Available Gate Latch, Knob Latch, Electronic Magnetic Latch, and Panic Hardware Options
- We Can Fabricate Custom Styles From Stock Components
- Seven Standard Colors, Plus Custom Colors





Post Mounted Swinging Gate Shown

Gates are an integral part of most commercial, multi-family, and residential projects. Your choice of gate designs range from basic swing gate to customized automatic or manual gates. CRL Gates can accommodate standard, electronic or remotely operated locksets, as well as a variety of opening mechanisms.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also e-mail us through our web site at **crlaurence.com/support**.



Post Mounted Swinging Gate With Picket Infill



Post Mounted Swinging Gate With Glass Infill

- No Rusting, Binding or Staining
- Easy to Install and Maintain
- Limited Lifetime Warranty

CRL offers a complete line of hardware to complement our Post Gate Systems, including a comprehensive range of safety and security products and accessories. Application assistance is available from CRL Technical Sales.

MORE INFORMATION
crlaurence.com

Code Compliance and/or Affiliations:
- American Fence Association (AFA)
- American Standard Testing Materials International (ASTM)
- Associated Locksmiths of America (ALOA)
- Association of Pool & Spa Professionals (APSP)
- International Code Council (ICC)
- U.S. Consumer Product Safety Commission (CPSC)

SAFETY NOTE: Always confirm any such requirements with the appropriate local pool or safety authorities in your area, as regulations may vary from region to region. After installation, inform the gate owner that it is their responsibility to inspect and adjust any gate latches and hinges to compensate for ground movement and other factors, so that the gate continues to self-close and self-latch effectively. No product is childproof, and gates should not be used in place of adult supervision.

CRL GRS Cap Railing Swinging Gate Hardware



For Information on Complete Gate Systems go to crlaurence.com/gate-hardware.

- For Free-Swinging or Floor Mounted Door Closer Gates
- Steel Brackets Fit Under Top Cap

CRL offers a complete line of hardware to complement our GRS Cap Railing Swinging Gate Systems. The selection of appropriate mounting hardware is dependent upon the weight of the gate, direction of swing (one way or free swinging), and the substrate to which it will be attached. Assistance is available from CRL Railing Technical Sales.

CRL AGT3 Horizontal Mount Pivot Bracket

- 2-3/4" (70 mm) American Standard Setback
- Non-Handed
- Available in 304 Alloy Brushed and Polished Stainless Steel



For AGT3 Replacement Pin Order
CAT. NO. AGTP1



The AGT3 Series Horizontal Mount Pivot Bracket was designed to accommodate heavy glass gates or doors that don't require support of any weight above. The measurement from the backside of the Bracket to the centerline of the pivot point is 2-3/4" (70 mm) American Standard Setback. Horizontal Mount Brackets are non-handed. **NOTE:** Must be attached to a substrate with sufficient structural integrity for support.

CAT. NO.	HANDING	FINISH
AGT3BS	Non-Handed	Brushed Stainless
AGT3PS	Non-Handed	Polished Stainless

Minimum order: 1 each. Door Pivots can be combined for quantity pricing.

CRL AGT2 Vertical Mount Pivot Bracket

MORE INFORMATION crlaurence.com

- Provides Top Pivot Point for Gate
- Right and Left Handed Models
- Available in 304 Alloy Brushed and Polished Stainless Steel

The AGT2 Series Vertical Mount Pivot Bracket will provide a top pivoting point for the gate. Brackets are handed, order appropriate handing for your installation. **NOTE:** Must be attached to a substrate with sufficient structural integrity for support.



Right Hand Shown

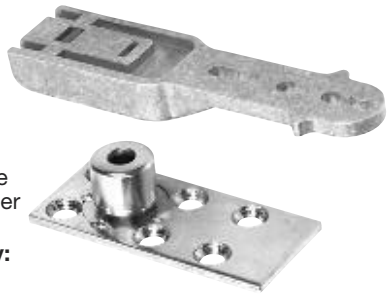
CAT. NO.	HANDING*	FINISH
AGT2LBS	Left Hand	Brushed Stainless
AGT2LPS	Left Hand	Polished Stainless
AGT2RBS	Right Hand	Brushed Stainless
AGT2RPS	Right Hand	Polished Stainless

Minimum order: 1 each. Door Pivots can be combined for quantity pricing. *Handing is viewed from the secure side.

CRL Free-Swinging Bottom Gate Pivot

- Designed to Fit CRL Wedge-Lock® Gate Rails

This Free-Swinging Pivot Set is designed to be used with CRL Wedge-Lock® Gate Rail Systems. Minimum order is one each.
Maximum Weight Capacity: 200 pounds (90 kg).



CAT. NO. CRL8010BP

CRL Adjustable Dual-Purpose Bottom Gate Pivot Set

- Mounts Directly to Floor or Threshold

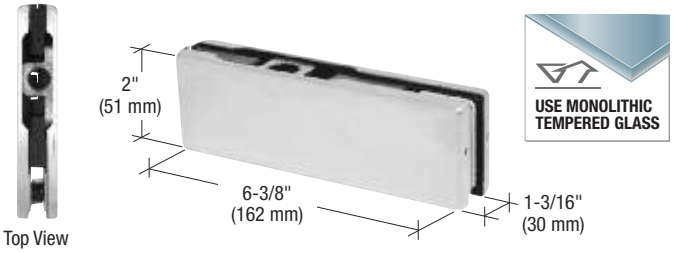
This Pivot can be used with the base plate for floor mounting or attached directly to the threshold. A 3/16" (5 mm) height adjustment is possible with the gate on or off the pivot. Minimum order is one each.
Maximum Weight Capacity: 200 pounds (90 kg).

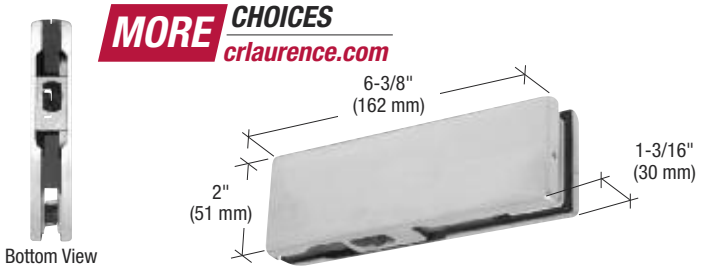


CAT. NO. CRL8010DP

CRL Top and Bottom Gate Patch Fittings

• 304 Alloy Stainless Steel Covers





CRL Top Gate Patch Fittings are used with all three of our gate and door pivots. It fits in the upper corner of the gate's glass panel, and requires a hole and cut-out in the glass.

CAT. NO.	FINISH
PH20ABS	Brushed Stainless
PH20APS	Polished Stainless

Minimum order: 1 each.

CRL Bottom Gate Patch Fittings are used with our bottom door pivots or floor closers. It fits in the lower corner of the gate's glass panel, and requires a hole and cut-out in the glass.

CAT. NO.	FINISH
PH10CBS	Brushed Stainless
PH10CPS	Polished Stainless

Minimum order: 1 each.

CRL Glass-to-Glass Gate Pivot Patch

• 304 Alloy Stainless Steel



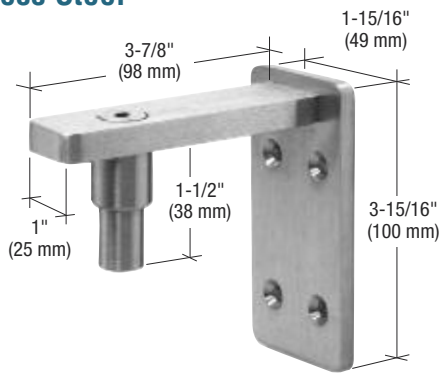
This CRL Glass-to-Glass Gate Pivot Patch is designed to allow for a gate in an 'all-glass' windscreen using either Base Shoe or Frameless Windscreen Clamps. It fits in the upper corner of the fixed glass panel, and requires a hole and glass cut-out in the glass. As a safety measure the bottom of the pivot bar is raised 3/4" (19 mm) above the CRL Top Gate Patch Fitting (not included), allowing for adequate space to help prevent pinching of fingers.

CAT. NO.	FINISH
GGP12BS	Brushed Stainless
GGP12PS	Polished Stainless

Minimum order: 1 each.

CRL Wall Mount Gate Pivot

• 304 Alloy Stainless Steel



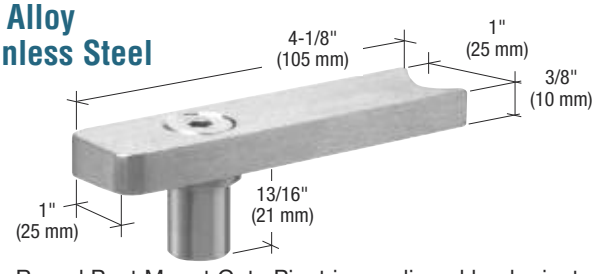
This CRL Wall Mount Gate Pivot is designed for mounting to a post or wall. As a safety measure the bottom of the pivot bar is raised 3/4" (19 mm) above the CRL Top Gate Patch Fitting (not included), allowing for adequate space to help prevent pinching of fingers.

CAT. NO.	FINISH
WGP22BS	Brushed Stainless
WGP22PS	Polished Stainless

Minimum order: 1 each.

CRL Round Post Mount Gate Pivot

• 304 Alloy Stainless Steel



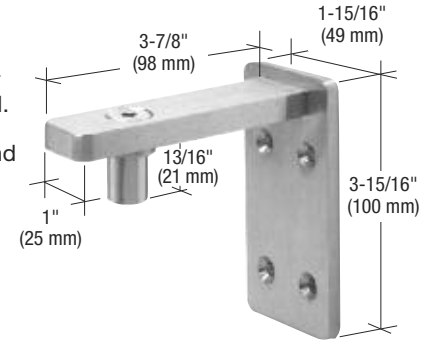
CRL's Round Post Mount Gate Pivot is a radiused back pivot bar designed to support the top section of the CRL Top Gate Patch Fitting (not included). Fits post radius of 1.9" (48 mm) O.D. The Pivot requires welding to the post and comes drilled and tapped for attachment prior to the welding process.

CAT. NO.	FINISH
8100RP	Brushed Stainless
8100RPPS	Polished Stainless

Minimum order: 1 each.

CRL Wall Mount Gate Pivot

• 304 Alloy Stainless Steel



This CRL Wall Mount Gate Pivot is designed for mounting to a post or wall. The space between the bottom of the pivot bar and the CRL Top Gate Patch Fitting (not included) has been reduced to 1/8" (3 mm), so at gate height the chance of pinching fingers is greatly reduced.

CAT. NO.	FINISH
WDP32BS	Brushed Stainless
WDP32PS	Polished Stainless

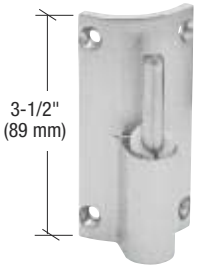
Minimum order: 1 each.

CRL Single-Acting Wall-to-Glass Gate Hinge

- **Handed Self-Closing Hinge for Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass**
- **All 316 Alloy Brushed or Polished Stainless Steel**

CRL Single Acting Wall-to-Glass Gate Hinges are handed and self-closing. They can be screwed to the wall or to a 1.9" (48 mm) diameter post if used with the Adaptor Plate (sold separately). Two 3/4" (19 mm) holes are required for each Hinge. Maximum width 42" (1067 mm); maximum weight 65 lbs. (29.5 kg). Instructions, cut-out template and two #10 x 1-1/2" mounting screws are included in each box.





1.9" (48 mm)
Diameter Post Adaptor Plate



LH/RHR Shown
Wall Mount Hinge

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION
crlaurence.com

WALL-TO-GLASS HINGES

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	HANDING
GH037LBS	GH037LPS	LH/RHR
GH037RBS	GH037RPS	RH/LHR

Minimum order: 1 each. All Gate Hinges can be combined for quantity pricing.

1.9" DIAMETER POST ADAPTOR PLATE

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	HANDING
AP037BS	AP037PS	Non-Handed

Minimum order: 1 each.

CRL 180 Degree Glass-to-Glass Hinge

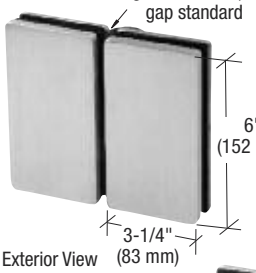
- **Self-Closing Black Molded Polymer Heavy-Duty Hinges**
- **For Use With 1/2" (12 mm) Tempered Glass**
- **316 Alloy Stainless Steel Mounting Pads**

CRL's Single Acting Glass-to-Glass Gate Hinges have been designed for use in pool enclosures, balconies, fencing, and any application where gates are required. Two 5/8" (16 mm) diameter holes are required for each side of the hinge (two on fixed panel and two on the gate). This heavy-duty hinge is set up to support weights from 55 pounds (25 kg) to 132 pounds (60 kg), and to support gates up to 48" (1219 mm) wide and up to 72" (1829 mm) tall.

CAT. NO.	FINISH
MLSP6BS	Brushed Stainless
MLSP6PS	Polished Stainless

Minimum order: 1 each.





Exterior View

USE MONOLITHIC TEMPERED GLASS



Glass Fabrication is required. Installation instructions and fabrication template included.

Interior View

CRL Tru-Close® Heavy-Duty Gate Hinges

MORE CHOICES
crlaurence.com

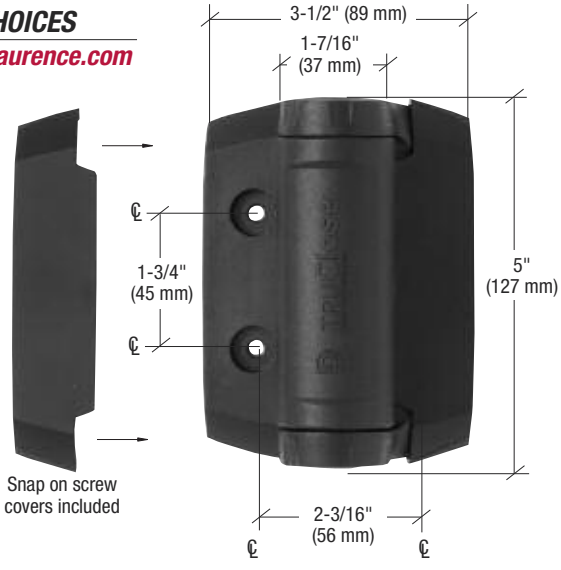
- **Self-Closing**
- **Molded Polymer Construction With No Unsightly External Springs**
- **Tension Adjustable Using Only a Screwdriver**
- **Generally Meets All Pool Barrier Codes**

The internal stainless steel adjustable spring allows for smooth even closure under different weights, and generally meets all pool barrier codes. UV-stabilized materials are strong, self-lubricating, and weather-resistant. Available in black or white. Designed for gates weighing between 55 pounds (25 kg) and 132 pounds (60 kg), or if the gate is between 36" to 48" (914 to 1219 mm) wide. Contact CRL Technical Sales if the gate exceeds 132 pounds (60 kg) or 48" (1219 mm) in width. Installation screws sold separately.

CAT. NO.	COLOR
TCHD1BL	Black
TCHD1W	White

Minimum order: 1 each. All Tru-Close® Hinges can be combined for quantity pricing.

Tru-Close is a regsitered trademark of D&D Group PTY Ltd.

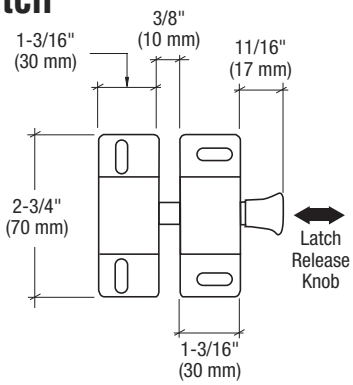


Snap on screw covers included

CRL Magna-Latch® "Side Pull" Gate Latch

- Great for Around Homes and Gardens
- Reliable, Effective, and Unobtrusive
- Quick and Easy Installation
- Magnetic Self-Latching Trigger
- Easily Mounts to Metal, Wood, and Vinyl

The magnetic, self-latching CRL Magna-Latch® is an ideal general-purpose latch for gates around homes and gardens. It's suitable for a wide variety of uses where a non-key lockable latch is needed. When used on picket-style swimming pool gates a compliant acrylic shield must be used to prevent latch access by children. Consult your local building code for more information. Screw covers and spacers are included.



MORE INFORMATION crlaurence.com

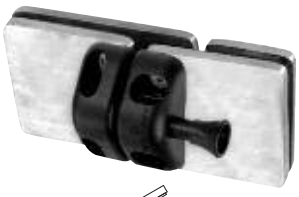


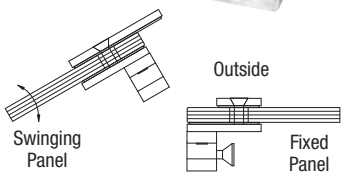
CAT. NO.	COLOR
MLSP1	Black

Minimum order: 1 each.

CRL 180 Degree Glass-to-Glass Gate Latch

- Designed for 1/2" (12 mm) Tempered Glass Applications Only





This Glass-to-Glass Gate Latch is mounted to the inside of the opening for out-swinging gates.

Glass fabrication is required. Installation instructions and fabrication template included in package.

CAT. NO.	FINISH
MLSP2BS	Brushed Stainless
MLSP2PS	Polished Stainless

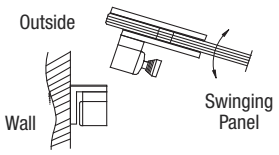
Minimum order: 1 each.

CRL Wall/Square Post Mount Gate Latch

- Designed for 1/2" (12 mm) Tempered Glass Applications Only



This Gate Latch is mounted to the inside of the opening for out-swinging gates. The Gate Latch is designed for square post and wall mount applications. Attachment fasteners sold separately.



Glass fabrication is required. Installation instructions and fabrication template included in package.

CAT. NO.	FINISH
MLSP4BS	Brushed Stainless
MLSP4PS	Polished Stainless

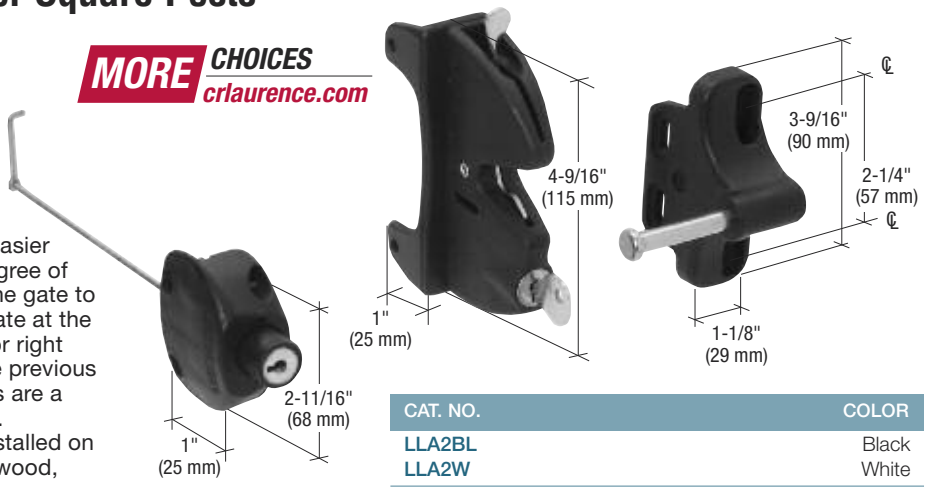
Minimum order: 1 each.

CRL Lokk-Latch® "Series 2" for Square Posts

- Key Locking and Opening From Both Sides
- Self-Latching
- Tough, Glass Reinforced Polymer and Stainless Steel Construction

MORE CHOICES crlaurence.com

This improved pedestrian Gate Latch offers easier installation, more versatile use, and a higher degree of adjustability. The external push-button allows the gate to be opened and locked from either side of the gate at the same time. Adapting the Latch to fit left hand or right hand hinged gates is now easier. Instead of the previous six-screw backing plate, the new adaptor plates are a "snap-on" design retained using just one screw. Available in black or white, this Latch can be installed on all square or rectangular gate materials (metal, wood, vinyl) from 1" to 6" (25 to 152 mm) wide.



CAT. NO.	COLOR
LLA2BL	Black
LLA2W	White

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

Magna-Latch and Lokk-Latch are registered trademarks of D&D Group PTY Ltd.

CRL Lokk-Latch® Magnetic Gate Lock

NEW!

- Ergonomic Intuitive Push/Pull Action, A.D.A. Compliant and Non-Handed
- Dual Six-Pin Lock Can Be Re-Keyed
- Magnetic Latching, Locks and Unlocks From Both Sides of the Gate
- No Visible Fasteners, Will Not Rust or Corrode
- Fits Any Square Post Gate and Fence Material From 1-1/2" (38 mm) to 6" (150 mm)

The CRL Magnetic Lokk-Latch® is ideal for aluminum post gates with glass or picket infills. Manufactured with dual lock cylinders and a lock that is magnetically-triggered. Features a 6-pin key cylinder that can be re-keyed (by a locksmith) to match other house locks and can be locked or unlocked from either side of the fence simultaneously. This revolutionary latch meets Federal A.D.A. standards and is made of a super strong polymer and stainless steel. Easy installation requires no special tools or jigs. **NOTE:** If used on double gates, a drop bolt must be used. Not suitable for child safety gates, as its handle-style design precludes it as a safety device.





MORE INFORMATION crlaurence.com

CAT. NO.	FINISH
ZL3BL	Black

Minimum order: 1 each. All Gate Latches and Locks can be combined for quantity pricing.

CRL Stainless Steel PullBolt™ Security Locks

MORE MODELS crlaurence.com

- Face Mount and Side Mount Models to Fit Most Applications
- 316 Alloy Stainless Steel
- Key-Lockable, Six-Pin Lock Security
- 3/4" (19 mm) Diameter Bolt With 1-1/4" (31.7 mm) Throw
- Lifetime Limited Warranty

This Stainless Steel PullBolt™ is designed to provide powerful locking security for storefronts, doors, frames, and gates. It can act as add-on security to existing locking systems, or can be used as a primary lock.

The superbly cast PullBolt™ comes in two models, Side Mount and Face Mount. It is installed using four, thru-mounted M10 stainless steel screws. The lock bolt slides snugly across into the sturdy keeper housing for optimum security.

The PullBolt™ is made from 316 alloy stainless steel, making the device ideal for use in marine and other corrosive environments. The locking mechanism is a deadlock design, which protects the device from being tampered with, and also assures the system cannot be locked without the keyholder's authority.

Side Mount Security Lock

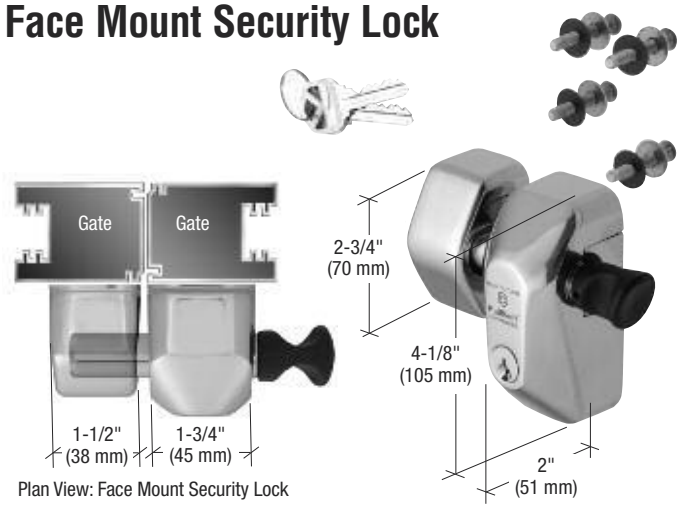


Plan View: Side Mount Security Lock

CAT. NO.	FINISH
PBS1PS	Polished Stainless

Minimum order: 1 each. All PullBolt™ Locks can be combined for quantity pricing.

Face Mount Security Lock



Plan View: Face Mount Security Lock

CAT. NO.	FINISH
PBF1PS	Polished Stainless

Minimum order: 1 each. All PullBolt™ Locks can be combined for quantity pricing.

Lokk-Latch is a registered trademark of D&D Group PTY Ltd.

CRL Security Check Point Barrier Systems

- Each Unit Custom Fabricated to Exact Requirements
- Systems for Interior or Exterior Commercial or Institutional Applications
- Designed to Work With Many Different Types of Glazing
- Surface Mount or Core Mount Applications
- Two Standard Architectural Finishes
- Custom Powder Coated Finishes Also Available

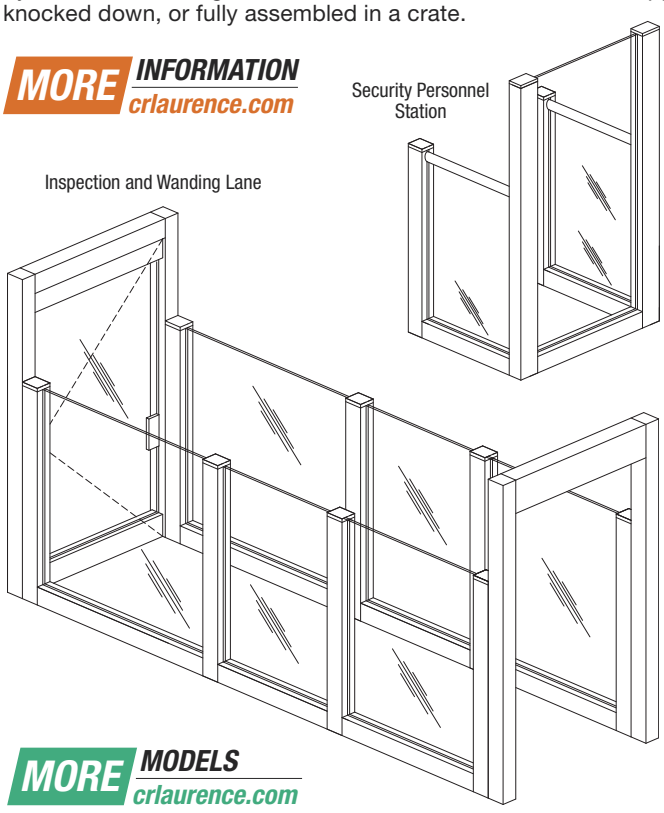
CRL can custom design Security Check Point Barrier Systems that are ideal for airport terminals, arenas, convention centers, hotels, schools, and many other areas that have security concerns.

Barriers are typically fabricated using a combination of our Heavy Glass Aluminum Base Shoe and rectangular Aluminum Posts that can be cladded in alloy 304 brushed or polished stainless, or powder coated in a variety of custom colors that can adapt to a wide variety of conditions.

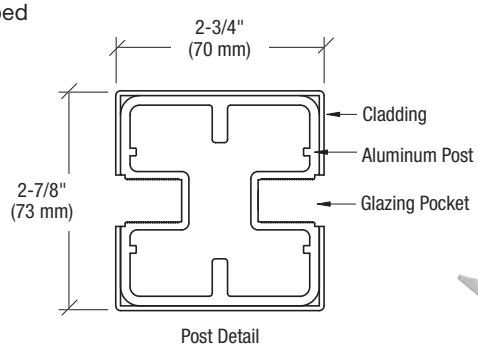
1/2" (12 mm) tempered glazing is recommended, but not supplied by CRL. Glass sizing assistance is available. Units can be shipped knocked down, or fully assembled in a crate.



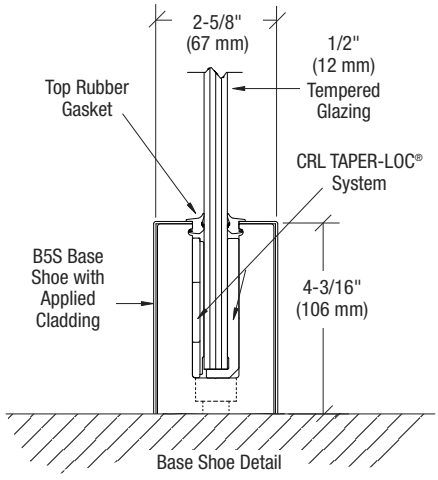
MORE INFORMATION crlaurence.com



MORE MODELS crlaurence.com



Post Detail

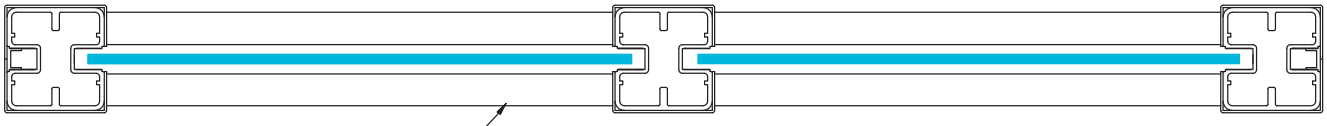


Base Shoe Detail



Optional Hand Railing Brackets can be glass or post mounted

Security Barriers can be configured using combinations of 180 Degree Center Posts, 135 Degree Center Posts, 90 Degree Corner Posts, 3-Way Posts, and End Posts. CRL Railing Technical Sales will assist you with plans for the Security Barrier System that is right for any application.



CRL Security Check Point Barrier Systems

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA



CRL Uses the Latest in Metal Bending Technology



CRL Manufactured Check Point at Sky Harbor International Airport, Phoenix, Arizona

Barrier Post Configurations



End Post



180 Degree Center Post



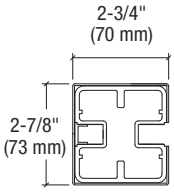
135 Degree Center Post

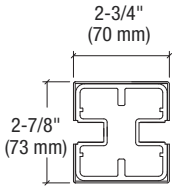


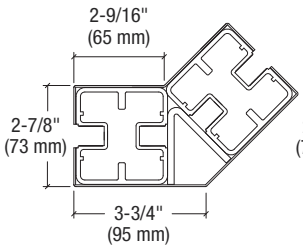
90 Degree Corner Post

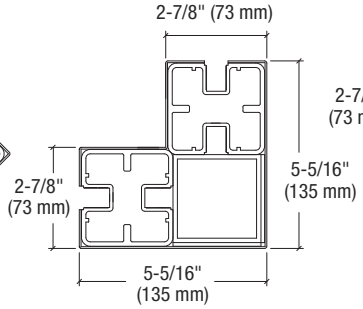


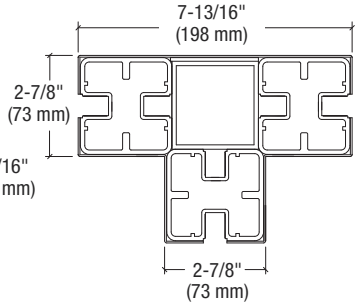
3-Way Post











Major Components

Base Shoe With Cladding



See pages HR017-HR039

Vertical Posts



See pages HR260-HR261

Surface Mount Post Stanchions



See page HR262

Core Mount Post Stanchions



See page HR238

Post Top Cap

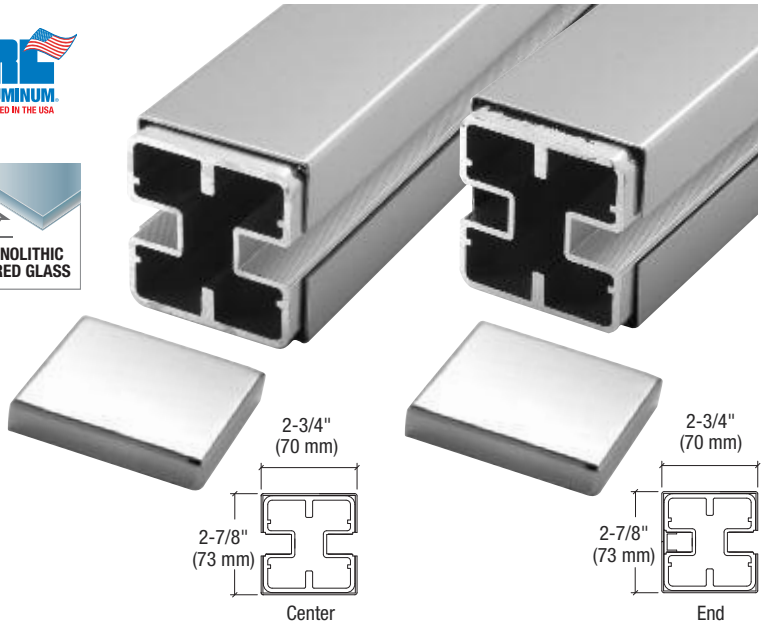


See page HR262

CRL 180 Degree Center and End Barrier Post Kits

- Aluminum Post With 304 Alloy Stainless Steel Cladding and Top Cap
- 316 Alloy Stainless Cladding Available Upon Request
- Custom Powder Coated Finishes Available Upon Request
- Accommodates 1/2" (12 mm) Thick Glass
- Post Heights Up to 72" (1.8 m) Tall

USE MONOLITHIC TEMPERED GLASS



CRL 180 Degree Center and End Barrier Post Kits are designed for interior and exterior applications and can be ordered in heights of up to 72" (1.8 m). Two architectural cladded finishes are available in polished or brushed 304 alloy stainless steel. Surface mount and core mounting options are also available. **NOTE:** Maximum 48" (1.2 m) on center post spacing is standard for 72" (1.8 m) tall posts.



180 DEGREE CENTER POST KITS*

CAT. NO.	FINISH
BPC1BSC	Brushed Stainless
BPC1PSC	Polished Stainless

Minimum order: 1 each. *Must specify post height at time of order.

END POST KITS*

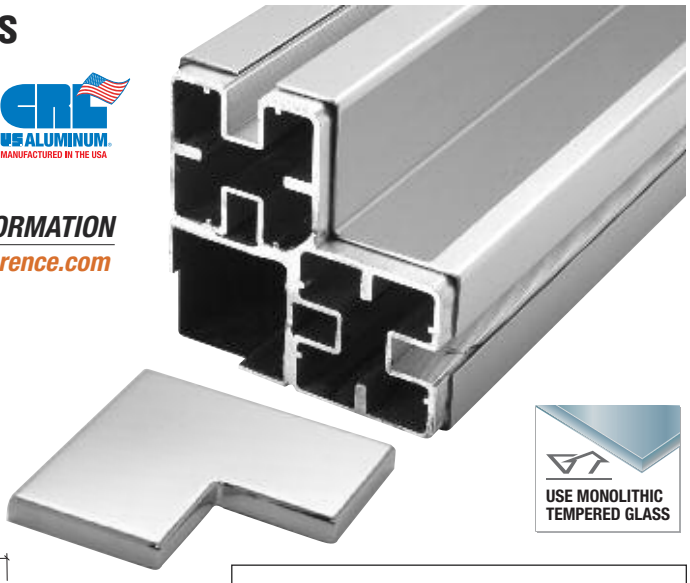
CAT. NO.	FINISH
BPE1BSC	Brushed Stainless
BPE1PSC	Polished Stainless

Minimum order: 1 each. *Must specify post height at time of order.

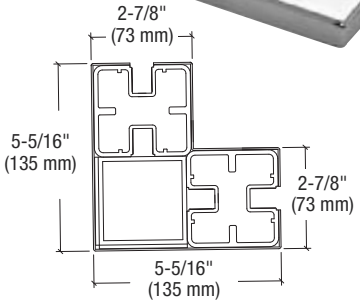
CRL 90 Degree Corner Barrier Post Kits

- Aluminum Post With 304 Alloy Stainless Steel Cladding and Top Cap
- 316 Alloy Stainless Cladding Available Upon Request
- Custom Powder Coated Finishes Available Upon Request
- Accommodates 1/2" (12 mm) Thick Glass
- Post Heights Up to 72" (1.8 m) Tall

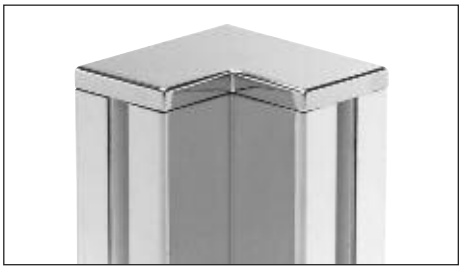
MORE INFORMATION crlaurence.com



USE MONOLITHIC TEMPERED GLASS



CRL 90 Degree Corner Barrier Post Kits are designed for interior and exterior applications and can be ordered in heights of up to 72" (1.8 m). Two architectural cladded finishes are available in polished or brushed 304 alloy stainless steel. Surface mount and core mount options are also available. **NOTE:** Maximum 48" (1.2 m) on center post spacing is standard for 72" (1.8 m) tall posts.



90 DEGREE CORNER POST KITS*

CAT. NO.	FINISH
BPL1BSC	Brushed Stainless
BPL1PSC	Polished Stainless

Minimum order: 1 each. *Must specify post height at time of order.

CRL 135 Degree Center Barrier Post Kits

- Aluminum Post With 304 Alloy Stainless Steel Cladding and Top Cap
- 316 Alloy Stainless Cladding Available Upon Request
- Custom Powder Coated Finishes Available Upon Request
- Accommodates 1/2" (12 mm) Thick Glass
- Post Heights Up to 72" (1.8 m) Tall

CRL US ALUMINUM MANUFACTURED IN THE USA

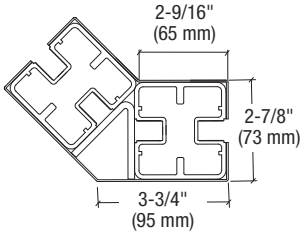
USE MONOLITHIC TEMPERED GLASS



CRL 135 Degree Center Barrier Post Kits are designed for interior and exterior applications and can be ordered in heights of up to 72" (1.8 m). Two architectural cladded finishes are available in polished or brushed 304 alloy stainless steel. Surface mount and core mount options are also available. **NOTE:** Maximum 48" (1.2 m) on center post spacing is standard for 72" (1.8 m) tall posts.

MORE INFORMATION crlaurence.com





135 DEGREE CENTER POST KITS*

CAT. NO.	FINISH
BPA1BSC	Brushed Stainless
BPA1PSC	Polished Stainless

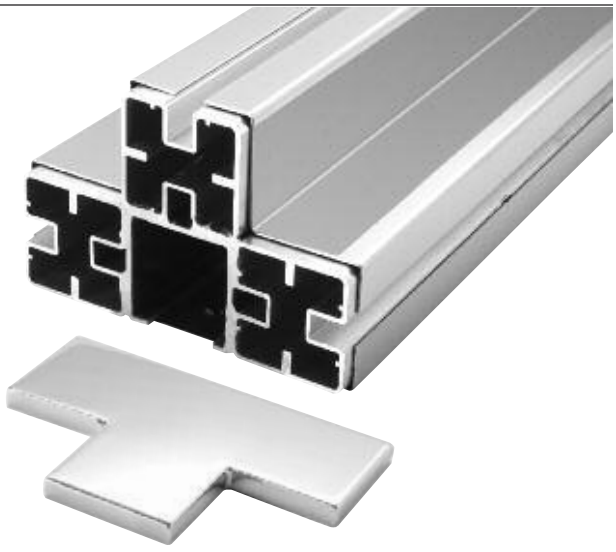
Minimum order: 1 each. *Must specify post height at time of order.

CRL 3-Way Barrier Post Kits

- Aluminum Post With 304 Alloy Stainless Steel Cladding and Top Cap
- 316 Alloy Stainless Cladding Available Upon Request
- Custom Powder Coated Finishes Available Upon Request
- Accommodates 1/2" (12 mm) Thick Glass
- Post Heights Up to 72" (1.8 m) Tall

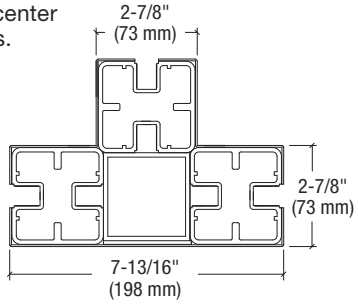
CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



CRL 3-Way Barrier Post Kits are designed for interior and exterior applications and can be ordered in heights of up to 72" (1.8 m). Two architectural cladded finishes are available in polished or brushed 304 alloy stainless steel. Surface mount and core mounting options are also available. **NOTE:** Maximum 48" (1.2 m) on center post spacing is standard for 72" (1.8 m) tall posts.





3-WAY POST KITS*

CAT. NO.	FINISH
BPT1BSC	Brushed Stainless
BPT1PSC	Polished Stainless

Minimum order: 1 each. *Must specify post height at time of order.

CRL Barrier Post Surface Mount Stanchions

- Designed for Mounting on Steel or Concrete Surfaces
- Galvanized Grade 50 Steel Finish
- 30" (762 mm) Standard Height
- Custom Heights Also Available
- Brushed and Polished Stainless Steel Base Plates Available

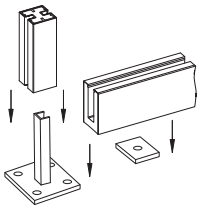
USE MONOLITHIC TEMPERED GLASS

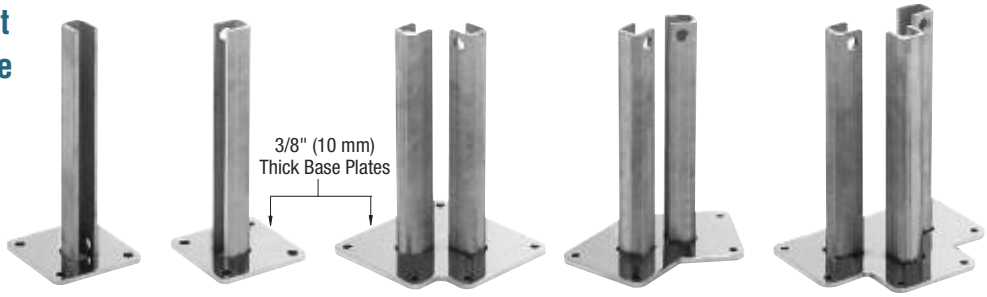
MORE INFORMATION crlaurence.com

Barrier Post Surface Mount Stanchions are designed for use with CRL's Barrier Post Kits and B5S Cladded Base Shoe. Surface Mount Stanchions are designed to attach to concrete and steel substrates. Use CRL 3/8" (10 mm) tall Drain Blocks under the Base Shoe for proper alignment during installation for a finished look.

CRL also offers custom fabrication for projects that require custom sizes or angles for those complex job site conditions. For additional product information, visit our web site at **crlaurence.com/barrier-systems**.

3/8" (10 mm) Drain blocks are also available for shimming the base shoe to the same height as the base plate stanchion thickness. See page HR049 for more information.





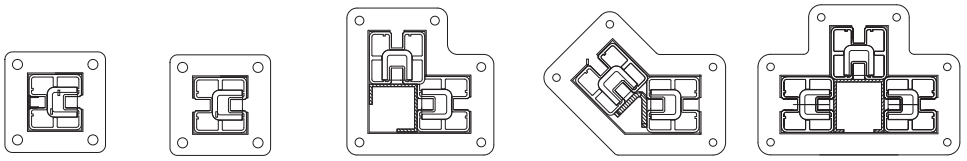
BPEST30 End Post Stanchion

BPCST30 Center Post Stanchion

BPLST30 90 Degree Corner Stanchion

BPAST30 135 Degree Center Stanchion

BPTST30 3-Way Post Stanchion



STEEL SURFACE MOUNT STANCHIONS FOR POST HEIGHTS UP TO 72" (1.8 M)

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	STANCHION HEIGHT	FOR USE WITH
BPEST30BS	BPEST30PS	30" (762 mm)	End Post
BPCST30BS	BPCST30PS	30" (762 mm)	Center Post
BPLST30BS	BPLST30PS	30" (762 mm)	90 Degree Corner Post
BPAST30BS	BPAST30PS	30" (762 mm)	135 Degree Center Post
BPTST30BS	BPTST30PS	30" (762 mm)	3-Way Post

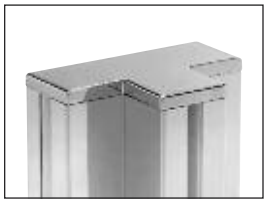
Minimum order: 1 each.

CRL Barrier Post Replacement Caps

- Installs Easily With Silicone Sealant
- 304 Grade Stainless Steel Available in Two Architectural Finishes
- 316 Grade Stainless Steel Available Upon Request
- Powder Coated Finish is Also Available

USE MONOLITHIC TEMPERED GLASS







CAT. NO. BPEC
End and 180 Degree Center Post Cap



CAT. NO. BPLC
90 Degree Corner Post Cap



CAT. NO. BPAC
135 Degree Center Post Cap



CAT. NO. BPTC
3-Way Post Cap

BARRIER POST REPLACEMENT CAPS

BRUSHED STAINLESS CAT. NO.	POLISHED STAINLESS CAT. NO.	DESCRIPTION
BPECBS1	BPECPS1	End and 180 Degree Center Post Cap
BPLCBS1	BPLCPS1	90 Degree Corner Post Cap
BPACBS1	BPACPS1	135 Degree Center Post Cap
BPTCBS1	BPTCPS1	3-Way Post Cap

Minimum order: 1 each.

CRL Barrier Post Replacement Caps are designed to easily slip into the post extrusion. Use Cat. No. 95CBL Silicone (see page HR048) to secure and fasten the Caps to Posts. Brushed and polished stainless steel finishes available from stock, with custom powder coated finishes available upon request. Standard Cap height is 1/2" (13 mm).

CRL Smoke Baffle "Partitions"

- For Limiting the Spread of Smoke and Providing for Adequate Egress During Evacuations
- Required Life and Safety Code in Some Buildings

USE MONOLITHIC TEMPERED GLASS

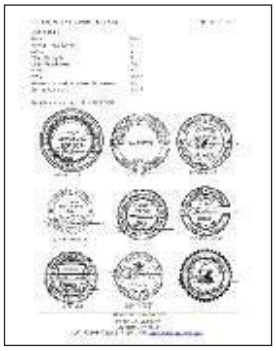
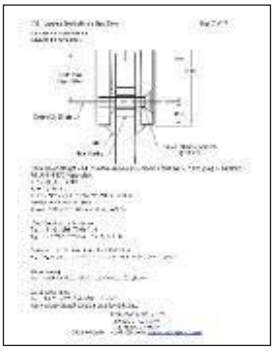
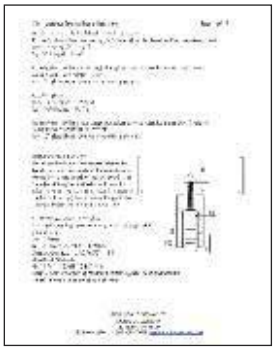
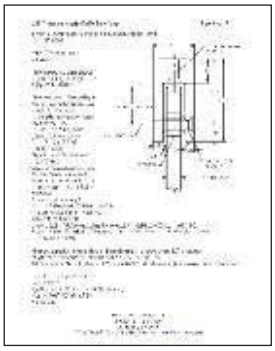
CRL US ALUMINUM MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com



By definition a Smoke Partition - shall extend from the floor to the underside of the floor or roof deck above or to the underside of the ceiling above where the ceiling membrane is constructed to limit the transfer of smoke.

Design professionals frequently use the phrases "smoke barrier" and "smoke partition" interchangeably. According to the Life Safety Code, however, the purpose, application, and construction of smoke barriers and partitions are substantially different. Construction requirements for smoke partitions aren't as rigorous as those for smoke barriers because partitions aren't intended to provide the same level of protection. Instead of protecting people who have been evacuated to another area of a building, a smoke partition need only limit the spread of smoke so that people can get past the room of fire origin. A smoke partition is not required to be fire rated. It's purpose is to contain enough smoke in an area to activate a sprinkler in the building.

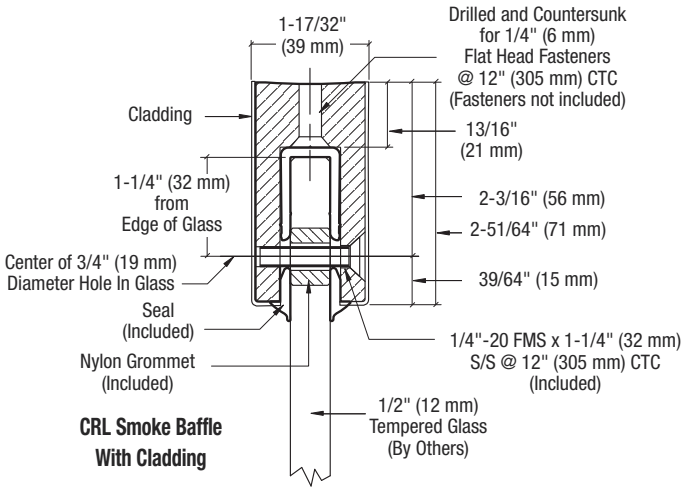
On the following pages you can see how our Smoke Baffle Systems work and which system will best complete your project.
For drawing files, code regulations and testing, please visit our web site at **crlaurence.com/test-reports**.



Project: Aria Hotel and Casino, Las Vegas, NV
System: Smoke Baffle System

CRL Standard Smoke Baffle Base Shoe for 1/2" (12 mm) Glass

- For Fabricating Almost Invisible Smoke Curtains With 1/2" (12 mm) Tempered Glass
- Glass is Mechanically Secured With Fasteners and Grommets
- Custom Drilling, Mitering, and Cutting Services Available



MORE INFORMATION
crlaurence.com

USE MONOLITHIC TEMPERED GLASS



CRL Standard Smoke Baffle Base Shoe is designed to provide an almost invisible 1/2" (12 mm) tempered glass smoke curtain. Many of today's fire codes require large offices or retail areas to be broken down into smaller, more manageable areas that can be monitored by smoke detectors. This is the specific application for smoke baffles or curtains. Smoke curtains work to retain smoke in a specific area of a specified square footage. Some sprinkler systems are activated by a smoke alarm, so sectioning off areas through the use of smoke curtains can prevent unnecessary sprinkler activation.

Extruded aluminum Standard Smoke Baffle Base Shoe simply attaches to the ceiling structure so the glass can hang straight down. The glass is secured with screws going through nylon grommets (both included), that fit into 3/4" (19 mm) holes drilled in the glass on 12" (305 mm) centers. A glass fabrication template is included. Cladding in six architectural finishes is available (see opposite page). For additional Base Shoe specifications visit our web site at **crlaurence.com/smoke-baffles**.

NOTE: Check your local building codes for regulations pertaining to ceiling area square footage and required depth specifications for smoke baffles or glass curtains.

CAT. NO.	STOCK LENGTH	CEILING ATTACHMENT	GLASS ATTACHMENT	WEIGHT
B5B10 ▲	120" (3.05 m)	Requires (10) 1/4" (6 mm) Flat Head Fasteners	Requires 3/4" (19 mm) Holes	38 lbs. (17 kg)
B5B20 ▲	240" (6.10 m)	Requires (20) 1/4" (6 mm) Flat Head Fasteners	Requires 3/4" (19 mm) Holes	75 lbs. (34 kg)

Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. ▲ Comes with GR5PV Cap Rail Vinyl, glass mounting grommets and fasteners, and RG12100 Roll-In Vinyl. Must ship common carrier.

Shipping Notice: Due to the difficulty in packaging and handling 240" (6.10 m) stock lengths, it is suggested that you Will Call these at any of our regional distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.



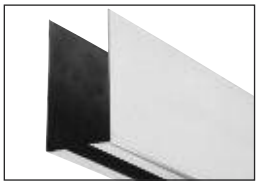


TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cladding for Standard Smoke Baffle Base Shoe

- Adhere With Cladding Tape or Silicone Sealant
- Six Architectural Finishes
- Custom Cutting and Mitering Service



CRL Cladding is available in six architectural finishes. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. **NOTE:** Sold only by individual pieces. Base Shoe requires two pieces for coverage on both sides.

CAT. NO.	GRADE	GA./THK.	STOCK LENGTH	FINISH
BWCBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
BWCPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
BWCPB10	C260	.045"	120" (3.05 m)	Polished Brass
BWCSB10	C260	.045"	120" (3.05 m)	Satin Brass
BWCSA10	5052	.050"	120" (3.05 m)	Satin Anodized
BWCDU10	5052	.050"	120" (3.05 m)	Dark Bronze Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing. Must ship common carrier.
NOTE: Cladding in lengths up to 168" (4.27 m) can be fabricated on special order.

CRL End Caps for Standard Smoke Baffle Base Shoe

- Adhere With Cladding Tape or Silicone Sealant
- Six Architectural Finishes



CRL End Caps are available in six architectural finishes. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.

CAT. NO.	GRADE	GA./THK.	FINISH
B5WECBS	304	20/.035"	Brushed Stainless
B5WECPS	304	20/.035"	Polished Stainless
B5WECPB	C260	.045"	Polished Brass
B5WECSB	C260	.045"	Satin Brass
B5WECSA	5052	.050"	Satin Anodized
B5WECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing.

CRL 12" Mitered Corner Cladding for Standard Smoke Baffle Base Shoe

- 90 Degree and 135 Degree Corner Sets in Six Architectural Finishes
- Adhere With Cladding Tape or Silicone Sealant



CRL Mitered Corner Cladding is available in six architectural finishes. Outside legs are 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Sold only in sets of four pieces.

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
B5W90BS	B5W135BS	304	20/.035"	Brushed Stainless
B5W90PS	B5W135PS	304	20/.035"	Polished Stainless
B5W90PB	B5W135PB	C260	.045"	Polished Brass
B5W90SB	B5W135SB	C260	.045"	Satin Brass
B5W90SA	B5W135SA	5052	.050"	Satin Anodized
B5W90DU	B5W135DU	5052	.050"	Dark Bronze Anodized

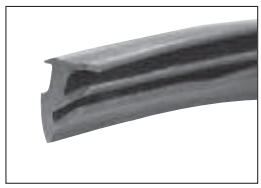
Minimum order: 1 set. Finishes can be combined for quantity pricing.

CRL Roll-In Vinyl

- Black Vinyl Dresses Up Top Opening



CRL Roll-In Vinyl finishes off the installation of the glass panels in wet glaze installations, and also helps secure the glass in Smoke Baffle Base Shoe applications.



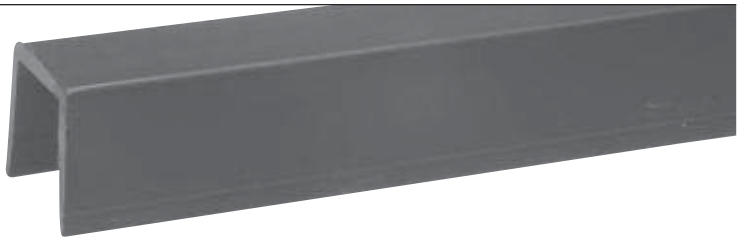
CAT. NO.	FOR GLASS SIZE	ROLL LENGTH
RG12100	1/2" (12 mm)	100' (30.5 m)
RG12500	1/2" (12 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Cap Rail Vinyl

MORE INFORMATION crlaurence.com

- Centers the Top of the Glass in B5B Series Standard Smoke Baffle Base Shoe
- Black Color Vinyl Protects Glass Edge



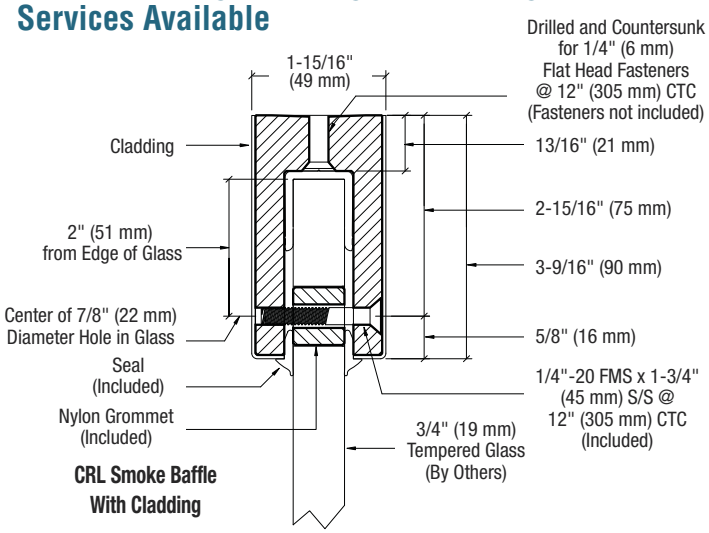
CRL Cap Rail Vinyl is applied to the edge of the glass before inserting it into the Smoke Baffle Base Shoe. This centers the glass and protects the edge while holding mounting grommets in place.

CAT. NO.	DESCRIPTION	STOCK LENGTH
GR5PV	Cap Rail Vinyl for 1/2" (12 mm) Glass	120" (3.05 m)

Minimum order: 1 stock length. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply. Packing charge added to orders of fewer than five stock lengths.

CRL Heavy-Duty Smoke Baffle Base Shoe for 3/4" (19 mm) Glass

- For Fabricating Almost Invisible Smoke Curtains With 3/4" (19 mm) Tempered Glass
- Glass is Mechanically Secured With Fasteners and Grommets
- Custom Drilling, Mitering, and Cutting Services Available



MORE INFORMATION crlaurence.com

USE MONOLITHIC TEMPERED GLASS



CRL Heavy-Duty Smoke Baffle Base Shoe is designed to provide an almost invisible 3/4" (19 mm) tempered glass smoke curtain. Many of today's fire codes require large offices or retail areas to be broken down into smaller, more manageable areas that can be monitored by smoke detectors. This is the specific application for smoke baffles or curtains. Smoke curtains work to retain smoke in an area of a specified square footage. Some sprinkler systems are activated by a smoke alarm, so sectioning off areas through the use of smoke curtains can prevent unnecessary sprinkler activation.

Extruded aluminum Heavy-Duty Smoke Baffle Base Shoe simply attaches to the ceiling structure so the glass can hang straight down. The glass is secured with screws going through nylon grommets (both included), that fit into 3/4" (19 mm) holes drilled in the glass on 12" (305 mm) centers. A glass fabrication template is included. Cladding in six architectural finishes is available (see opposite page). For additional Base Shoe specifications visit our web site at **crlaurence.com/smoke-baffles**.

NOTE: Check your local building codes for regulations pertaining to ceiling area square footage and required depth specifications for smoke baffles or glass curtains.

CAT. NO.	STOCK LENGTH	CEILING ATTACHMENT	GLASS ATTACHMENT	WEIGHT
B7B10 ▲	120" (3.05 m)	Requires (10) 1/4" (6 mm) Flat Head Fasteners	Requires 3/4" (19 mm) Holes	43 lbs. (19 kg)
B7B20 ▲	240" (6.10 m)	Requires (20) 1/4" (6 mm) Flat Head Fasteners	Requires 3/4" (19 mm) Holes	86 lbs. (39 kg)

Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. ▲ Comes with GR7PV Cap Rail Vinyl, glass mounting grommets and fasteners, and RG12100 Roll-In Vinyl. Must ship common carrier.

Shipping Notice: Due to the difficulty in packaging and handling 240" (6.10 m) stock lengths, it is suggested that you Will Call these at any of our regional distribution centers. If requiring shipment, all packaging and handling concerns must be agreed to by CRL and the customer prior to shipping. All shipping arrangements will be documented on your quotation for your signed approval.



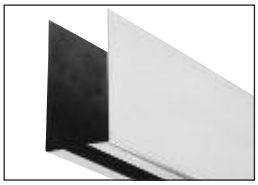


TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Cladding for Heavy-Duty Smoke Baffle Base Shoe

- **Adhere With Cladding Tape or Silicone Sealant**
- **Six Architectural Finishes**
- **Custom Cutting and Mitering Service**



CRL Cladding is available in six architectural finishes. It can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. **NOTE:** Sold only by individual pieces. Base Shoe requires two pieces for coverage on both sides.

CAT. NO.	GRADE	GA./THK.	STOCK LENGTH	FINISH
B7WCBS10	304	20/.035"	120" (3.05 m)	Brushed Stainless
B7WCPS10	304	20/.035"	120" (3.05 m)	Polished Stainless
B7WCPB10	C260	.045"	120" (3.05 m)	Polished Brass
B7WCSB10	C260	.045"	120" (3.05 m)	Satin Brass
B7WCSA10	5052	.050"	120" (3.05 m)	Satin Anodized
B7WCDU10	5052	.050"	120" (3.05 m)	Dark Bronze Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing. Must ship common carrier.
NOTE: Cladding in lengths up to 168" (4.27 m) can be fabricated on special order.

CRL End Caps for Heavy-Duty Smoke Baffle Base Shoe

- **Adhere With Cladding Tape or Silicone Sealant**
- **Six Architectural Finishes**



CRL End Caps are available in six architectural finishes. They can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions.

CAT. NO.	GRADE	GA./THK.	FINISH
B7WECBS	304	20/.035"	Brushed Stainless
B7WECPS	304	20/.035"	Polished Stainless
B7WECPB	C260	.045"	Polished Brass
B7WECSB	C260	.045"	Satin Brass
B7WECSA	5052	.050"	Satin Anodized
B7WECDU	5052	.050"	Dark Bronze Anodized

Minimum order: 1 each. All finishes can be combined for quantity pricing.

CRL 12" Mitered Corner Cladding for Heavy-Duty Smoke Baffle Base Shoe

- **90 Degree and 135 Degree Corner Sets in Six Architectural Finishes**
- **Adhere With Cladding Tape or Silicone Sealant**



CRL Mitered Corner Cladding is available in six architectural finishes. Outside legs are 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Sold only in sets of four pieces.

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA./THK.	FINISH
B7W90BS	B7W135BS	304	20/.035"	Brushed Stainless
B7W90PS	B7W135PS	304	20/.035"	Polished Stainless
B7W90PB	B7W135PB	C260	.045"	Polished Brass
B7W90SB	B7W135SB	C260	.045"	Satin Brass
B7W90SA	B7W135SA	5052	.050"	Satin Anodized
B7W90DU	B7W135DU	5052	.050"	Dark Bronze Anodized

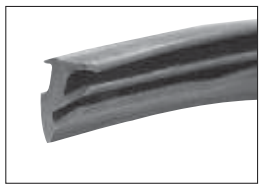
Minimum order: 1 set. Finishes can be combined for quantity pricing.

CRL Roll-In Vinyl

- **Black Vinyl Dresses Up Top Opening**



CRL Roll-In Vinyl finishes off the installation of the glass panels in wet glaze installations, and also helps secure the glass in Smoke Baffle Base Shoe applications.



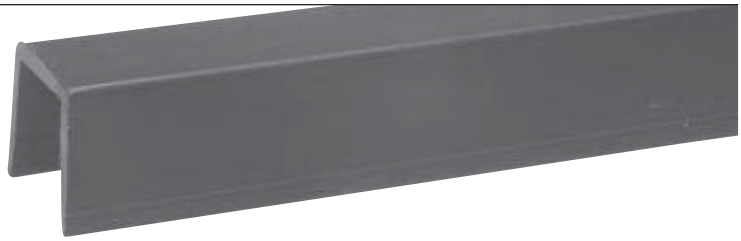
CAT. NO.	FOR GLASS SIZE	ROLL LENGTH
RG12100	3/4" (19 mm)	100' (30.5 m)
RG12500	3/4" (19 mm)	500' (152.4 m)

Minimum order: 1 roll.

CRL Cap Rail Vinyl

MORE INFORMATION crlaurence.com

- **Centers the Top of the Glass in B7B Series Heavy-Duty Smoke Baffle Base Shoe**
- **Black Color Vinyl Protects Glass Edge**



CRL Cap Rail Vinyl is applied to the edge of the glass before inserting it into the Smoke Baffle Base Shoe. This centers the glass and protects the edge while holding mounting grommets in place.

CAT. NO.	DESCRIPTION	STOCK LENGTH
GR7PV	Cap Rail Vinyl for 3/4" (19 mm) Glass	120" (3.05 m)

Minimum order: 1 stock length. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply. Packing charge added to orders of fewer than five stock lengths.

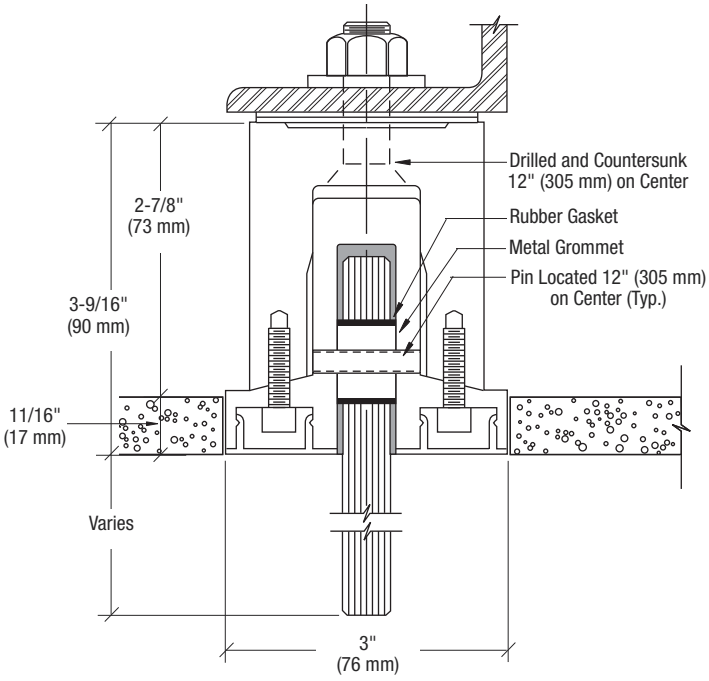
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

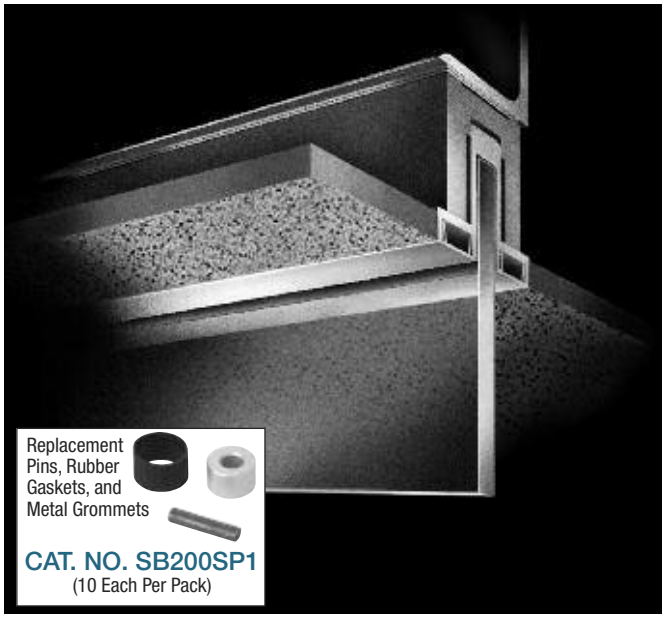
CRL Blumcraft SB200 Two Piece Smoke Baffle Base Shoe for 1/2" (12 mm) Glass

BLUMCRAFT
A DIVISION OF C.R. LAURENCE CO., INC.

USE MONOLITHIC TEMPERED GLASS

- For Use With 1/2" (12 mm) Tempered Glass
- Two Piece Mounting Bracket Permits Easy Glass Panel Replacement by Using Readily Accessible Bolts
- Wet Glazed System Only
- Factory Controlled Bonding of Glass is Also Available

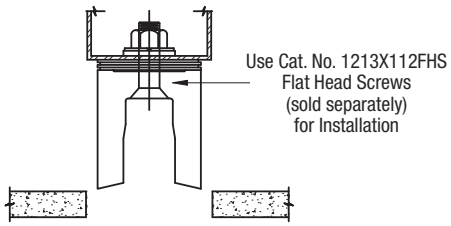


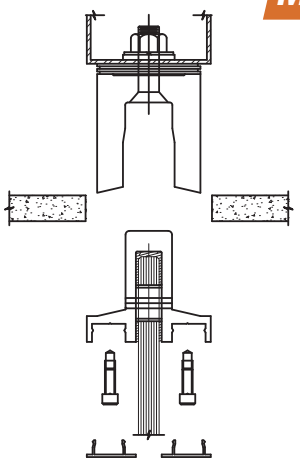


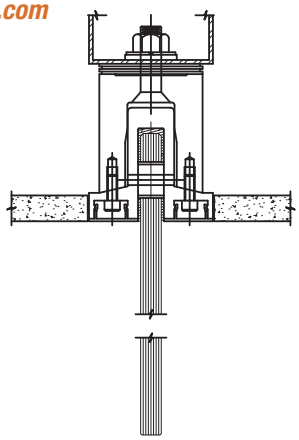
The CRL Blumcraft SB200 Two Piece Smoke Baffle System is not only the newest to our family of smoke screen products, but it is also the most versatile. Designed to provide an invisible glass wall that meets today's fire codes. This product is used to retain smoke in a specific area of a specified square footage.

NOTE: Check your local building codes for regulations pertaining to ceiling area square footage and required depth and height specifications for smoke baffles, partitions or glass curtains.

MORE INFORMATION crlaurence.com







- Two Piece Mounting Bracket Isolates Glass Panels Against the Shock of Building Movement

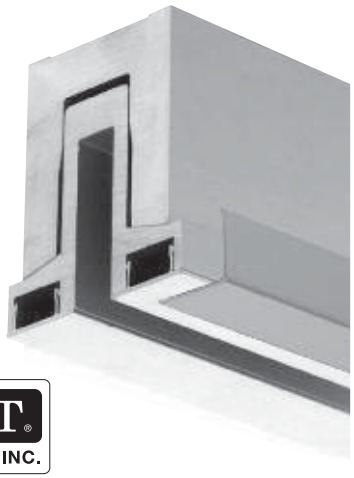
CAT. NO.	FINISH	STOCK LENGTH	GLASS ATTACHMENT	WEIGHT
SB200SA	Satin Anodized (Class 2)	144" (3.66 m)	Requires 7/8" (22 mm) Holes	99 pounds (45 kg)
SB200DU	Dark Bronze Anodized (Class 2)	144" (3.66 m)	Requires 7/8" (22 mm) Holes	99 pounds (45 kg)
SB200MCA	Mill Clear Anodized	144" (3.66 m)	Requires 7/8" (22 mm) Holes	99 pounds (45 kg)

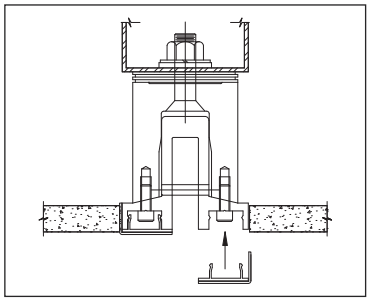
Minimum order: 1 each. All Base Shoe can be combined for quantity pricing. Must ship common carrier.

CRL Blumcraft Cladding for SB200 Smoke Baffle

- Adhere With Cladding Tape or Silicone Sealant
- Four Architectural Finishes

Base Shoe is sold separately





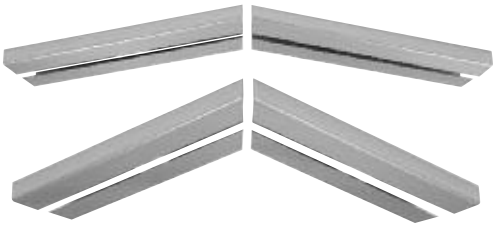


BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

CAT. NO.	GRADE	GA/THK	LENGTH	FINISH
RG2CBS10	316	20/.035"	120" (3.05 m)	Brushed Stainless
RG2CPS10	316	20/.035"	120" (3.05 m)	Polished Stainless
RG2CPB10	C260	.045"	120" (3.05 m)	Polished Brass
RG2CSB10	C260	.045"	120" (3.05 m)	Satin Brass

Minimum order: 1 each. All finishes can be combined for quantity pricing. Standard stock lengths are 120" (3.05 m). Custom lengths up to 168" (4.26 m) are available on special order. Must ship common carrier.

CRL Blumcraft 12" Mitered Corner Cladding for SB200 Smoke Baffle



CRL Blumcraft Mitered Corner Cladding for SB200 Series Base Shoe is available in four architectural finishes. Each leg is 12" (305 mm) in length, and can be secured to the Base Shoe using Cladding Tape or Silicone Sealant. See page HR048 for CRL Cladding Tape, CRL Silicone Sealant, and attachment instructions. Comes four pieces per set.

- 90 Degree and 135 Degree Corner Sets
- Adhere With Cladding Tape or Silicone Sealant
- Four Architectural Finishes

90 DEGREE CORNER CAT. NO.	135 DEGREE CORNER CAT. NO.	GRADE	GA/THK	FINISH
RG290BS	RG2135BS	316	20/.035"	Brushed Stainless
RG290PS	RG2135PS	316	20/.035"	Polished Stainless
RG290PB	RG2135PB	C260	.045"	Polished Brass
RG290SB	RG2135SB	C260	.045"	Satin Brass

Minimum order: 1 set. All finishes can be combined for quantity pricing.

CRL Blumcraft End Caps for SB200 Series Smoke Baffle

CRL Blumcraft End Caps are available in six architectural finishes, plus mill aluminum. End Caps are secured to the Base Shoe using two screws (included). One end cap per package.



Δ

- Formed and Shaped to Fit
- Six Architectural Finishes, Plus Mill Aluminum

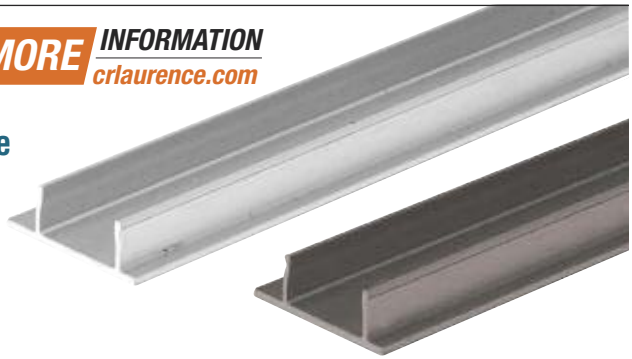
CAT. NO.	GRADE	GA/THK	FINISH
RG2ECBSΔ	316	20/.035"	Brushed Stainless
RG2ECPSΔ	316	20/.035"	Polished Stainless
RG2ECPBΔ	C260	.045"	Polished Brass
RG2ECSBΔ	C260	.045"	Satin Brass
RG2ECSA	6063	.500"	Satin Anodized
RG2ECDU	6063	.500"	Dark Bronze Anodized
RG2ECM	6063	.500"	Mill Aluminum

Minimum order: 1 each. All finishes can be combined for quantity pricing.
Δ Cladded Plate only included with stainless or brass finishes.

CRL Blumcraft FS307 Replacement Snap-In Insert for SB200 Smoke Baffle

MORE INFORMATION crlaurence.com

- Conceals Bolt Heads in SB200 Two Piece Mounting Shoe
- Easy, Snap-In Installation



CAT. NO.	GRADE	LENGTH	FINISH
FS307SA	6063	144" (3.66 m)	Satin Anodized
FS307DU	6063	144" (3.66 m)	Dark Bronze Anodized
FS307M	6063	144" (3.66 m)	Mill Aluminum

Minimum order: 1 each. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

CRL TAPER-LOC® Installation/Removal Tool Kit for Glass Railing and Windscreen Systems

TAPER-LOC X DRY GLAZE RAILING SYSTEM

U.S. Patents 8,122,654 and 8,201,366.
Commonwealth of Australia
Patent No. 2008207524

- Works With All of CRL's TAPER-LOC® Systems and Components, Including Our New TAPER-LOC® *'XA'*
- Features Integrated Torque Wrench Designed for Precise Lock-Up Force
- Supports All Mounting Methods
- Reduces Installation Time by 50%
- Easily Allows You to Remove, Adjust or Replace Glass Panels
- Can Be Used With Monolithic Tempered and Laminated Tempered Glass

VIDEO

CRL US ALUMINUM MANUFACTURED IN THE USA

*Additional Tool Replacement Blades are available go to crlaurence.com/taper-loc



MORE INFORMATION crlaurence.com

CAT. NO. TLK12
Installation/Removal Tool Kit

The Installation/Removal Tool is used for tightening TAPER-LOC® Tapers in the channel of the base shoe. It has an Integrated Torque Wrench that applies the precise lock-up force necessary to set the glass panels. Simply set in place and turn the wrench until a clicking sound is heard. This assures the Tapers have been locked together. It can also remove all models of TAPER-LOC® Tapers when glass panels need to be reset or replaced. You can also use the Tool for base shoe that has been recessed into the floor by switching the standard Compression Blades (blue) with the longer Recessed Blades (red), both included. The Tool Kit comes with the Integrated Torque Wrench, a Glass Railing Setting Tool for Monolithic Glass, a Laminated Glass Setting Tool, a pair of Glass Setting Roller Blocks, three sets of color-coded Blades (yellow, red, and blue)*, matching Pusher Plates, and Instructions, all in a Molded Carrying Case.



Place the TAPER-LOC® Tapers into base shoe finger tight at designated spacing.



Place the TAPER-LOC® Installation/Removal Tool into position directly over the Taper Set.



Tighten the TAPER-LOC® components using our measured Torque Wrench and you are done.

CRL Upgrade Kit for TLK5 Installation/Removal Tools

- Allows Original Model TLK5 Tools to Work With All Monolithic Tempered and Laminated Tempered Glass Installs
- Blades Work With Original Tapers and Our New TAPER-LOC® *'X'*

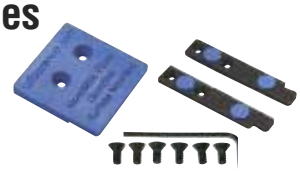


CAT. NO. TLK7
Minimum order: 1 each.

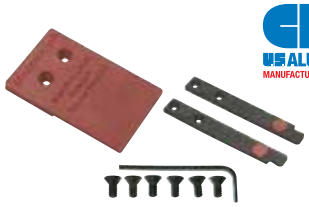
CRL TAPER-LOC® Installation/Removal Tool Replacement Blades

- For Use With TLK5, TLK9, and TLK12 TAPER-LOC® Tools for Surface Mount and Recessed Installs

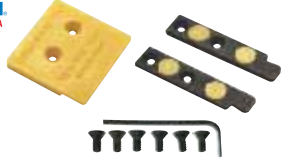
CRL US ALUMINUM MANUFACTURED IN THE USA



CAT. NO. TLB5
Standard Base Shoe Blades.
Minimum order: 1 pack.



CAT. NO. TLB6R
Extended Blades for Fascia Mount or Recessed Base Shoe. Minimum order: 1 pack.



CAT. NO. TLB3
Windscreen Base Shoe Blades
Minimum order: 1 pack.

CRL TAPER-LOC® Extraction Tool

- For Extraction of Stuck TAPER-LOC® Tapers
- Provides Extra Reach and Leverage

MORE CHOICES crlaurence.com



- Works With All TAPER-LOC® Taper Sets

Use this Extraction Tool to remove TAPER-LOC® Tapers that have become stuck in the aluminum base shoe and cannot be removed by normal methods with the TLK12 Installation/Removal Tool. Minimum order is one each.

CAT. NO. TLEX1

CRL TAPER-LOC® Angle Adjustment Tool

- Safely Adjusts XA Series Tapers on Drop-Side



NEW!

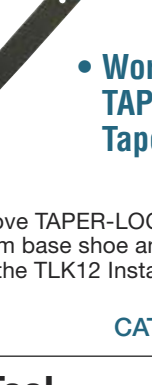


The new TAPER-LOC® XA System provides angular adjustment of the glass panel to correct for misalignment and glass curvature. This specialized tool will adjust the outside (drop-side) Tapers without the need for scaffolding or inconvenient leaning over the railing. Simply engage the tool with pre-installed Tapers and squeeze together with light pressure. Both ends of the tool are functional, and holes are provided for attachment of a safety lanyard (not included). Minimum order is one each.

CAT. NO. TLXAAT

CRL Railing Setting Tool for Monolithic Glass

- For Use With CRL's Dry Glazed TAPER-LOC® System for Monolithic Glass





CAT. NO. GWST2

The CRL Monolithic Glass Railing Setting Tool was designed to stabilize and center the monolithic glass panel in the aluminum base shoe during installation of CRL's Dry Glazed TAPER-LOC® Tapers. The temporary setting tool also secures the monolithic glass panel in place, giving the installer time to adjust or align as required. Minimum order is one each.

CRL Railing Setting Tool for Laminated Glass

- For Use With CRL's Dry Glazed TAPER-LOC® System for Laminated Glass







CAT. NO. LTLST3

The CRL Laminated Glass Railing Setting Tool was designed to stabilize and center the laminated glass panel in the aluminum base shoe during installation of CRL's Dry Glazed TAPER-LOC® Tapers. The temporary setting tool also secures the laminated glass panel in place, giving the installer time to adjust or align as required. Minimum order is one each.

CRL "Angletronic" Measuring Tool

- Measures Angles Between 0 and 180 Degrees
- Stores Up to 56 Measurement Values
- Battery-Saving Automatic Shut-Off Feature

With the CRL "Angletronic", angles between 0 and 180 degrees can be measured quickly, precisely and reliably, and read off the digital display. You can even take measurements in difficult positions, store the measurements, and access them at a later time.

Optoelectronics provides accuracy and maintenance free service for years. Operates on four AA batteries (included). Minimum order is one each.



CAT. NO. TT505

Prexiso is a registered trademark of Prexiso AG Corporation.

CRL Prexiso® X2 Laser Distance Measurer

- Measures to 100' (30.5 m) With Accuracy of 1/8" (3.2 mm) or Better
- Measures Distances, Areas, and Volumes for Material Estimates

This CRL Prexiso® X2 Laser Distance Measurer will measure distances in feet-inches, inches or meters from 4" to 100' (0.1 m to 30.5 m). It is accurate to 1/8" (3.2 mm) or better over the entire range. This unit is designed for indoor and limited outdoor applications while being able to measure and calculate areas and volumes. Minimum order is one each.



CAT. NO. 3350

CRL PAL Plumb/Angle/Level Locator Kit

- Works With All CRL Guard Rail and Windscreen Base Shoe
- Electronic Angle Finder for Custom Corners and Stairway Applications

VIDEO



This CRL PAL Plumb/Angle/Level Locator Kit was designed to assist you with level and plumb installations of all CRL Railing Base Shoes. This innovative tool levels the shoe in both the vertical and horizontal orientations. Each kit includes: a Laser Tool with Case, a Base Shoe Alignment Adapter, a Laser Target, a Chalk Reel, an 8 ounce bottle of Blue Chalk Refill, a Black Listo Marking Pencil, a Blue Sharpie Pen, and instructions all in a Molded Carrying Case. Minimum order is one each.

CAT. NO. PAL1K

CRL PAL Plumb/Angle/Level Locator Laser Tool

MORE INFORMATION crlaurence.com



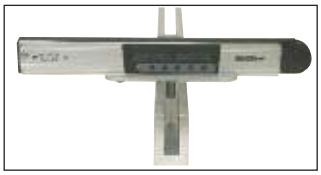
- Use for Setting Glass Base Shoe Prior to Installing TAPER-LOC® Dry Glaze System
- Displays Angle and Inclination Simultaneously

This CRL PAL Plumb/Angle/Level Locator Laser Tool displays angle measurements in degrees. Includes: Laser Tool and Carrying Case. Minimum order is one each.

CAT. NO. 406065

CRL Base Shoe Alignment Adapter





Laser Tool Sold Separately
(See Above)

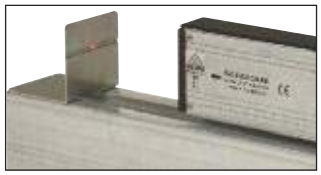
- Plumb and Level All Your TAPER-LOC® Dry Glaze Railing Installs

The CRL Base Shoe Alignment Adapter was designed to attach to Cat. No. 406065 Laser to assist you with level and plumb installations of railing base shoe. Minimum order is one each.

CAT. NO. AMA1

CRL Laser Target for Level Locator Laser Tool





Laser Tool Sold Separately
(See Above)

The CRL Laser Target was designed to work with Cat. No. 406065 Laser Tool to assist you with level and plumb installations of railing base shoe. Minimum order is one each.

CAT. NO. LT1

CRL Deluxe Spot Laser Tool

- Establishes Plumb, Level, and Square
- Projects Laser Beams Five Ways
- 1/8" (3.2 mm) Accuracy at 100' (30.5 m)



CAT. NO. PLS5

The CRL Deluxe Spot Laser Tool provides simultaneous plumb, level, and square references in a compact, accurate, and affordable package. True point-to-point alignment information speeds layout and installation of curtainwalls, doors, windows, and skylights. Five bright reference points are easily seen indoors or out, and the unit is powered by three AA batteries (not included). It comes complete with Floor Mount, Magnetic Wall Mount, Layout Targets, Carrying Case, Operating Manual, and full one-year manufacturer's warranty. Minimum order is one each.

CRL Cross-Line Self Leveling Laser Kit

- Self-Leveling Within Three Degrees, 49' (15 m) Range
- Vertical Line, Horizontal Line, or Both



CAT. NO. LD200

The CRL LD200 Cross-Line Self Leveling Laser Kit allows you to cast a vertical or horizontal solid line, or both at the same time. When the device is tipped beyond 6 degrees, the laser will begin flashing and an audio alarm will sound. This kit also includes: three AA batteries, a 1/4-20 threaded Mounting Hole for use with tripods, a 360 degree Swivel Mount, a Magnetic Wall Mount, a Laser Target (to extend useful range), and a rugged Nylon Storage Bag. Minimum order is one each.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Wet Glaze Pump and Accessories

- Portable, Lightweight, Compact Delivery System for Expanding Cement
- Dramatically Increases Speed of Application
- On/Off Control at Point of Delivery
- Quick and Easy Hose Replacement

MORE INFORMATION
crlaurence.com



When CRL decided to enter the Glass Rail market, we went at it in typical CRL fashion and asked the question "How can we improve on the antiquated processes and equipment currently being used to benefit our customers?" So when it came time to look at the way that the expanding cement was being delivered to the Base Shoe, we knew we had to find a better way. We did just that by developing our Wet Glaze Pump and Accessories.

The Wet Glaze Pump has been designed to reduce the labor associated with the application of expanding cement to Hand Rail Base Shoe, and to improve the quality, efficiency, and effectiveness of the final assembly of the Base Shoe and glass. The Wet Glaze Pump not only increases speed of application dramatically, it also offers superior control over the flow rate and delivery location than that of manual applicators.

CAT. NO. GRP1

Pump Kit Includes: One Pump with Hoses, One Nozzle, One Momentary ON/OFF Switch, Two 5 Gallon Buckets, Two Measuring Pitchers, One Plastic Scoop, One Mixing Spoon, One GFC1 15A Ground Fault Interrupt Device, and One GRP2 Replacement Hose Kit.

NOTE: Clamp and Alignment Fixture not included. See page HR014 for information. Minimum order is one each.

CAT. NO. GRP2

Replacement Hose Kit Includes: Hoses, One Nozzle, and Clamps (No ON/OFF Switch). Minimum order is one each.

Details on Kit components are available from CRL Technical Sales or the CRL web site at **crlaurence.com/railing-tools**.

This unique delivery system utilizes a pair of rollers fixed to a rotating disk that squeezes the cement through flexible tubing. Since the tubing is the only thing to come in contact with the cement, there are no seals to leak, giving you a virtually maintenance free pump.

Simply mix your cement in the mixing bucket, insert the end of the Inlet Hose into the mixture, and depress the handy ON/OFF Switch located on the delivery nozzle. The Pump will immediately start to move the cement through the hose. Purge any excess water from the hose and release the ON/OFF Switch. You are now ready to start pumping cement into the Base Shoe at a rate of 11' (3.3 m) per minute.





CRL Pouring Ramp for Base Shoe Applications Using Expanding Cement

- Neat and Effective Manual Delivery of Expanding Cement
- Shields Gasket Retention Groove in Base Shoe
- Wide Delivery Area





The CRL Pouring Ramp provides a wide delivery area for mess-free pouring of cement into Base Shoe. It shields the gasket retention groove area in the Base Shoe, thereby eliminating further clean up. You will find the Pouring Ramp to be a neat and effective method to manually deliver the expanding cement used in our Wet Glaze System. Minimum order is one each.

CAT. NO. GRP35

CRL Dispensing Bottle for Expanding Cement

- Ideal for Small, Hard-to-Pour Areas
- 32 Ounce Capacity

This is a durable plastic squeeze bottle that ideally applies the expanding cement to small, hard-to-pour areas. This clean and neat Dispensing Bottle saves you clean up time on the job, and makes spot-pours easy. Bottle capacity is 32 fl. oz. (946 ml). Minimum order is one each.



CAT. NO. GRP36

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Kwikset™ and Rockite™ Expanding Cements

- Kwikset™ for Both Exterior and Interior Applications
- Rockite™ for Interior Applications Only
- Great for Setting Core Mount Stanchions for Vertical Posts
- Expand as They Set
- Fast Setting, They Will Not Shrink or Crack When Used as Directed

MSDS ONLINE

SPEC. DATA ONLINE



Kwikset™ for Both Exterior and Interior Applications



Rockite™ for Interior Applications Only

CRL Kwikset™ and Rockite™ are gray, hydraulic type cements that expand as they set, and are specially formulated to produce unexcelled strength and bonding qualities. When mixed with water they pour into place smoothly. Both set within 15 to 20 minutes, and when fully cured develop compression strengths in excess of 8,000 pounds per square inch.

Kwikset™ is not affected by standing water, making it the right cement for exterior use, while the more economical Rockite™ is great for any interior application. Use either product to set railing brackets, and other fixtures because they will not shrink, crack or dry out.

KWIKSET™ CEMENT

CAT. NO.	WEIGHT
KWX25	25 Pounds (11.3 kg)
KWX50	50 Pounds (22.7 kg)

Minimum order: 1 each. **NOTE:** Kwikset™ can be used in temperatures as low as 40˚F (4˚C).

ROCKITE™ CEMENT

CAT. NO.	WEIGHT
R0CK01	1 Pound (.454 kg)
R0CK05	5 Pounds (2.27 kg)
R0CK10	10 Pounds (4.54 kg)
R0CK50	50 Pounds (22.7 kg)

Minimum order: 1 each. **NOTE:** Rockite™ can be used in temperatures as low as 25˚F (-4˚C).

CRL Kwikset™ and Rockite™ Mixing Guidelines

BASE SHOE RUNNING FEET	CEMENT POUNDS	VOLUME OZ.	MILLILITERS	WATER PINTS	FLUID OUNCES	MILLILITERS
4 (1.2 m)	5 (2.27 kg)	67.6	2000	1-1/4	20	591.5
8 (2.4 m)	10 (4.54 kg)	135.2	4000	2-1/2	40	1183
12 (3.6 m)	15 (6.80 kg)	202.8	6000	3-3/4	60	1774.5

These mixing proportions are guidelines based on what we feel is the best way to mix and apply cement, and we make no guarantee or warranty as to its performance. We suggest you make a sample batch for testing purposes to determine the exact formula that is right for your application before beginning any job.

MORE INFORMATION crlaurence.com

EXAMPLE: #1 For 8' (2.4 m) of Base Shoe (both sides) you need 10 pounds of cement and 40 fluid ounces of water for the correct mix.

EXAMPLE: #2 For 12' (3.6 m) of Base Shoe (both sides) you need 6,000 ml of cement and 1774.5 ml of water for the correct mix.

CRL Cement Mixing Kit

- Everything Needed to Accurately Measure and Mix Expanding Cement
- Buy the Kit or Order Items Individually





CAT. NO. MX91
High Speed Mixer
(Sold Separately)
Minimum order is one each

We have developed a kit with a combination of accessories that makes it easier to get the proper mixture of water and expanding cement.

CAT. NO.	WEIGHT
GRP30	Mixing Kit with one of each: 1000cc Pitcher (Water); 3000cc Pitcher (Dry Cement), 3.5 gl. Pouring Pail, Plastic Scoop, Mixing Spoon
GRP31	Set of Mixing Pitchers: 1000cc (Water), 3000cc (Dry Cement)
GRP32	3.5 Gallon Pouring Pail
GRP33	Plastic Scoop
GRP34	Mixing Spoon

Minimum order: 1 each.

CRL Bituminous Paint

- Creates a Barrier Between Railing Hardware and Concrete
- Prevents Electrolysis and Corrosion

MSDS ONLINE

SPEC. DATA ONLINE

NO AIR FREIGHT



CAT. NO. BC17A
15 Ounces (425 Grams)



CAT. NO. BC5GL
5 Gallon Pail
(Net 4.7 Gallons/17.8 Liters)

CRL Bituminous Black Paint is used as a barrier to protect CRL Base Shoe, Posts, Railings, and Stanchions from electrolysis and corrosion when embedded in concrete. Simply spray or brush on a clean and dry surface and allow to dry before embedding in concrete. Minimum order is one each.

CRL Super Grooved Granite, Marble, and Tile Drill Bits

- Designed for Hammer or Rotary Drills Only

NEW!



Carbide Tip



CRL Super Grooved Tip Granite, Marble, and Tile Drill Bits are especially suited for drilling holes 50% faster in stone and tile.

CAT. NO.	DIAMETER	LENGTH
GRT18S	1/8" (3.2 mm)	3" (76 mm)
GRT316S	3/16" (4.8 mm)	3" (76 mm)
GRT14S	1/4" (6.3 mm)	4" (102 mm)
GRT38S	3/8" (9.5 mm)	5" (127 mm)

Minimum order: 1 each. Can be combined with other Granite Drills for quantity pricing.

CRL GROO-V Tip® Granite, Marble, and Tile Drill Bits

- For Use With Rotary and Hammer Drills Only



Carbide GROO-V Tip®



For drilling hard materials, these specialized GROO-V Tip® Drills Bits have a serrated carbide tip which penetrates up to 50% faster than ordinary masonry bits.

CAT. NO.	DIAMETER	LENGTH
GRT18	1/8" (3.2 mm)	3" (76 mm)
GRT316	3/16" (4.8 mm)	3" (76 mm)
GRT14	1/4" (6.3 mm)	4" (102 mm)
GRT38	3/8" (9.5 mm)	5" (127 mm)

Minimum order: 1 each. Can be combined with other Granite Drills for quantity pricing.

CRL Makita® 18 Volt Cordless Metal Cutting Saw

VIDEO

- 2" (51 mm) Maximum Cutting Depth
- 3600 RPM No Load Speed
- 30 Tooth Carbide Blade for Mild Steel and Aluminum Cutting Included



The dry cutting BCS550 comes equipped with a 30 tooth 5-3/8" (137 mm) diameter carbide tipped saw blade engineered for mild steel or aluminum fabricating. Also included are two 18 volt 3.0Ah lithium-ion batteries and a 110 volt charger to make sure you are never out of power. Everything is packed in a sturdy plastic case.

The 56 tooth 5-3/8" (137 mm) A95794 Carbide Saw Blade is the first in its class designed to cut stainless steel material with a cordless saw. **NOTE:** The A95794 is engineered for stainless steel cutting only and should not be used on aluminum.

CAT. NO.	DESCRIPTION
BCS550	18 Volt Cordless Metal Saw Kit
BCS550SS	18 Volt Cordless Metal Saw Kit with A95794 Blade for S.S.
BL1830	18V DC Lithium-Ion Battery Cartridge
DC18RA	18V Lithium-Ion Battery Charger - 110 Volt
A95794	5-3/8" (137 mm) 56 Tooth Carbide Blade for S.S.

Minimum order: 1 each.

CRL 18-Volt Cordless Variable Speed Impact Driver/Drill Kit

- Reversible With Two Speed Ranges: 0 to 500, and 0 to 1150 RPM

MORE CHOICES crlaurence.com



The CRL 18-Volt Cordless Variable Speed Impact Driver/Drill is a lot of tool for a very conservative price. Put a drill bit or the included double-headed screwdriver bit into the keyless 3/8" (10 mm) chuck and pull the trigger for drilling/driving in two speed ranges: 0 to 500 RPM, and 0 to 1150 RPM. Twist the collar and you have an impact drill with an impact frequency of 6400 or 18000 strokes per minute.

CAT. NO.	DESCRIPTION
LD147	18-Volt Cordless Impact/Driver Drill Kit
LD147B	18-Volt Battery Cartridge for LD147
LD147C	Charger for LD147B 18-Volt Battery - 110 Volt

Minimum order: 1 each. Kit Includes: Driver/Drill, Battery, Charger, Six Drill Bits, Magnetic Bit Holder, plus Molded Carrying Case.

CRL Makita® 12" Cold Cut Metal Chop Saw

- Cuts Mild Steel and Stainless Steel
- 4-1/2" (114 mm) Maximum Cut Depth at 90 Degrees







The CRL Makita® 12" (305 mm) Cold Cut Metal Chop Saw is designed to use special dry cutting carbide saw blades to cut mild steel and stainless steel with virtually no sparking, no burring, and no heat discoloring. Saw comes with a fixed angle head and adjustable fence/clamp stop to allow 0 - 45 degree cutting. Powered by a 15 Amp, 1300 RPM motor that will cut through mild steel with ease, yet cuts thin wall stainless cladding without distortion or flaring. This saw and blade combination requires no lubrication or coolant. Saw comes with one 60 tooth carbide blade, which should be used to cut mild steel and stainless steel only. **NOTE:** The low RPM and closed tooth design of the blade will not work on aluminum.

CAT. NO.	DESCRIPTION
LC1230	110 Volt 12" Cold Metal Chop Saw With Blade
A91039	Replacement 12" x 1" Arbor 60 Tooth Carbide Saw Blade

Minimum order: 1 each.

Makita is a registered trademark of Makita Corporation.
GROO-V Tip is a registered trademark of Relton Corporation.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL T-Handle Tap Wrench

- Positive Grip Chuck
- Available in Three Sizes



CAT. NO. TR1E
Wrench for #0 to 1/4" Taps

CAT. NO. TR112E
Wrench for #12 to 5/16" Taps

CAT. NO. TR2E
Wrench for 1/4" to 1/2" Taps

This CRL Tap Handle Wrench has a sliding handle with spring tension stop, which can be extended to full length for more leverage. It has a positive grip knurled nut. Three sizes are available to hold taps in sizes from #0 to 1/2" (13 mm). Minimum order is one each.

CRL Jobbers Length Fractional Size High Speed Steel Drills

- Straight Shank Drills for Taps



These CRL Jobbers Length Fractional Size Drills are available in the most popular fractional sizes for general use in metal or wood. Minimum order is one each.

CAT. NO.	DRILL BIT SIZE
601316	3/16" for 1/4"-20NC Taps
60114	1/4" for 5/16"-18NC Taps
601516	5/16" for 3/8"-16NC Taps
601716	7/16" for 1/2"-13NC Taps
6012764	27/64" for 1/2"-13NC Taps

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Fractional Size Taps

- High Carbon Steel in Five Different Fractional Sizes

Used for ordinary threading, these CRL High Carbon Steel Taps come in the most commonly used fractional sizes. Minimum order is one each.



CAT. NO. 151420
1/4"-20NC

CAT. NO. 151428
1/4"-28NF

CAT. NO. 155618
5/16"-18NC

CAT. NO. 153816
3/8"-16NC

CAT. NO. 151213
1/2"-13NC

CRL Universal Pressure Drill

- Drill 3/8" (10 mm) Steel in 45 Seconds
- Bits Last Up to 10 Times Longer
- Cuts Labor Costs by Up to 75%
- Pipe Adaptor Available for Drilling Up to 6" (152 mm) Diameter Pipe

The CRL Universal Pressure Drill is excellent for overhead drilling. Typical 1/2" (13 mm) drill bits usually take 210 pounds of pressure to get best results. With the CRL Universal Pressure Drill you'll only need 28 pounds of less tiring and less dangerous pressure to do the same job. Drill bit life can be extended up to 10 times when compared to hand drilling. Excellent results with self-drilling screws too.



CAT. NO. UPD1
Universal Pressure Drill



CAT. NO. UPDPA1
Pipe Adaptor





The CRL Pipe Adaptor for the Universal Pressure Drill allows you to easily field drill holes in steel pipe up to 6" (152 mm) in diameter. Each Pipe Adaptor is made from steel for added rigidity, and includes a brace foot with pivoting saddle and a 28" (711 mm) long slide rod. When combined with the Gear Box Drill Mounting Bracket from our Cat. No. UPD1 Universal Pressure Drill (sold separately) you create a portable drill press that will reduce your drilling labor costs by up to 75%. A typical 3/16" drill bit requires 100 pounds of pressure to properly drill into steel. With the Pipe Adaptor and the UPD1, you need exert only 8 pounds of pressure. Minimum order is one each.

CRL S.D.S. Masonry Drills

- Popular Sizes for Concrete Anchors



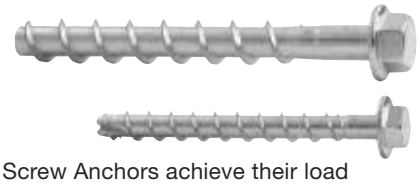
S.D.S. Masonry Drills are made to the ANSI Specifications required for the proper performance of concrete anchors. Life expectancy: 100-500 holes, depending on substrate and drill used.

CAT. NO.	DIAMETER	WORKS WITH	LENGTH
SDSW14	.259" (6.6 mm)	WBA14X3 Concrete Anchor	8" (203 mm)
SDSW38	.389" (9.9 mm)	WBA38X4 Concrete Anchor	12" (305 mm)
SDSW12	.495" (12.6 mm)	WBA12X4 Concrete Anchor	12" (305 mm)

Minimum order: 1 each. Sizes can be combined for quantity pricing.

Hilti® KWIK HUS-EZ Screw Anchors

- Heat Treated Carbon Steel



Hilti® KWIK HUS-EZ Screw Anchors achieve their load capacity by the thread undercutting the base material. They can be applied in 3,000 to 8,500 psi concrete to achieve maximum clamping torque to the Base Shoe. Anchors are 2003, 2006, 2009, and 2012 IBC Compliant.

CAT. NO.	DESCRIPTION
WBA14X3	1/4" x 3" (6 x 76 mm) Screw Anchor
WBAW14*	Washer for WBA14X3
WBA38X4	3/8" x 4" (10 x 102 mm) Screw Anchor
WBAW38*	Washer for WBA38X4

Minimum order is 50 each. Must be ordered in increments of 50.
*Must be used with Anchors to achieve the required attachment strength of the Base Shoe to the concrete.

Hilti® Expansion Anchors

- Approved for Use With CRL's Railing Systems



HSL-3
CAT. NO. EBA334
M8 3-7/8" (98 mm) Long



HSL-3
CAT. NO. EBA335
M12 6-1/8" (156 mm) Long



Kwik Bolt TZ
CAT. NO. CA38X334
3/8" x 3-3/4" (95 mm) Long

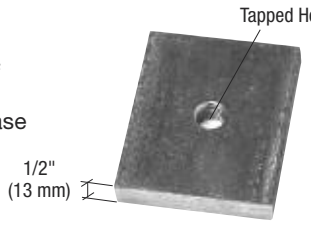
The Hilti® HSL-3 is 2006, 2009, and 2012 IBC compliant, torque controlled, heavy-duty expansion bolt designed for high performance in static and dynamic load applications. Minimum order is one each.

MORE INFORMATION crlaurence.com

The Hilti® Kwik Bolt TZ Carbon Steel is a 2003, 2006, 2009, and 2012 IBC compliant, torque controlled, heavy-duty expansion bolt designed for high performance in static and dynamic load applications. Minimum order is 50 each.

CRL Weld Blocks

CRL Weld Blocks are made of hot rolled steel with a centered, tapped hole for use with CRL Base Shoe. Eliminating the need for drilling and tapping on job site, when welded to a structurally sound steel beam or angle, they provide an attachment point using our pre-drilled Base Shoe and our Cat. No. SHCS12X34 1/2"-13 Stainless Steel Socket Head Cap Screws or Cat. No. HHCS14X34 M14-2.0 Hex Head Screws (see below).



- 10 Per Pack

CAT. NO.	FOR USE WITH	TAPPED HOLE
BSWB12	B5A, B5S, B5T, B5L, 8B Base Shoe	1/2"-13
BSWB712	B7S Base Shoe	1/2"-13
BSWB58	L56S, B6S, B6N Base Shoe	1/2"-13
LSWB21	L21S, L25S, L68S Base Shoe	M14-2.0

Minimum order: 1 pack.

CRL Socket Head Cap Screws



- 304 Stainless Steel



CRL Socket Head Cap Screws are used to secure glass railing Base Shoe to approved 1/2" (13 mm) steel embedment plates with a minimum 1/2" (13 mm) of thread engagement. Cat. No. SHCS12X34 are also for use with CRL Weld Blocks (see above).

CAT. NO.	SIZE
SHCS10X34	10-24 x 3/4" (19 mm)
SHCS12X34	1/2"-13 x 3/4" (19 mm)
SHCS12X1	1/2"-13 x 1" (25 mm)
SHCS12X114	1/2"-13 x 1-1/4" (32 mm)
SHCS12X112	1/2"-13 x 1-1/2" (38 mm)
SHCS14X1	1/4"-20 X 1" (25 mm)

Minimum order: 10 each. Must be ordered in increments of 10.

CRL Hex Head Screws and Washers

- 304 Grade Stainless Steel
- Use With CRL L21S, L25S, and L68S Laminated Base Shoe



CAT. NO. HHCS14X34
Hex Head Screw With Washer



CAT. NO. SHCSW14X34
Washers Only



CAT. NO. SHCSM14X34
Hex Head Screw Only

CRL Hex Head Screws and Washers are used to secure CRL's L21S, L25S, and L68S Base Shoes to approved 1/2" (13 mm) steel embedment plates with a minimum 1/2" (13 mm) of thread engagement. Also works with CRL Weld Blocks (see above).

CAT. NO.	DESCRIPTION
HHCS14X34	M14-2.0 x 20 mm Long Din Rated Hex Head Screw with 28 mm Diameter Washer

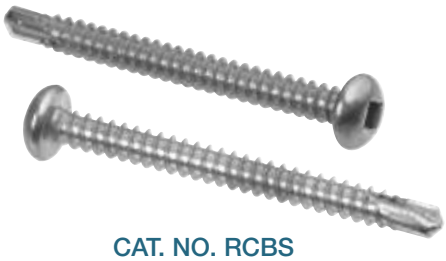
Minimum order: 10 each.

Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation.

CRL Self-Tapping Rail Connecting Block and Rail Fastening Screws

- For ARS Series Aluminum Railings
- Easy to Use Square Drive Screw Heads
- Stainless Steel

MORE INFORMATION crlaurence.com



CAT. NO. RCBS
#10 x 2"
Rail Connecting Block Screw



CAT. NO. TEK1
#8 x 3/4"
Rail Fastening Screw



CAT. NO. 9502
Square Insert Bit

CAT. NO.	DESCRIPTION	SIZE
RCBS*	Rail Connecting Block Screw	#10 x 2" (51 mm)
TEK1*	Rail Fastening Screw	#8 x 3/4" (19 mm)
9502**	Square Insert Bit for Screws	1/8" (3 mm)

*Minimum order: 50 each. Must be ordered in increments of 50. **Minimum order: 1 each.

For use with CRL ARS Aluminum Railing Systems. Use Cat. No. RCBS Screws for fastening Connecting Blocks. For fastening Aluminum Railings use Cat. No. TEK1 Screws. Both are stainless steel with special crosscuts that allow them to tap their own threads in aluminum. Screws require our Cat. No. 9502 1/8" (3 mm) size Square Insert Bit to install.

CRL Lag Bolts

- Stainless Steel



CAT. NO. LB350
3/8" (10 mm) x 3-1/2" (89 mm) Long



CAT. NO. LB600
3/8" (10 mm) x 6" (152 mm) Long



CAT. NO. LB12X6
1/2" (13 mm) x 6" (152 mm) Long

CRL Stainless Steel Lag Bolts are perfect for attaching Vertical Post Kits to a wooden substrate. Use them with Cat. No. WSHR1 Stainless Steel Washers and Cat. No. BTN1 Color Match Bolt Cover Buttons (see page HR243) to create a beautiful finished look. Minimum order is 20 each. Must be ordered in increments of 20.

CRL Z-Clamp Lag Bolt

- Simplifies Z-Clamp Installation Into Wood
- 316 Grade Stainless Steel





CAT. NO. ZLAG

This CRL Z-Clamp Lag Bolt is designed to work with CRL's Z-Clamps. The Lag Bolt is made of 316 grade stainless steel material with high corrosion resistance which provides durability in exterior applications. Lag Bolts are designed for wood applications and measure 5/16" x 2" (8 x 51 mm). Minimum order is 10 each.

CRL 8-18 x 3/4" Self-Drilling Flat Head Phillips Screws

- Cut Their Own Holes in a Variety of Metals





Flat Phillips Self-Drilling

CAT. NO.	SIZE	MATERIAL
8X34SFPTS	#8-18 x 3/4" (19 mm)	Stainless Steel

Minimum order: 100 each. Must order in increments of 100.

CRL Flat Head Undercut Thread Cutting Phillips Screws

- Use for Attaching Top Rails or Hand Rails to CRL's P-Series Post Kits
- 304 Grade Stainless Steel





Flat Undercut Phillips Thread Cutting

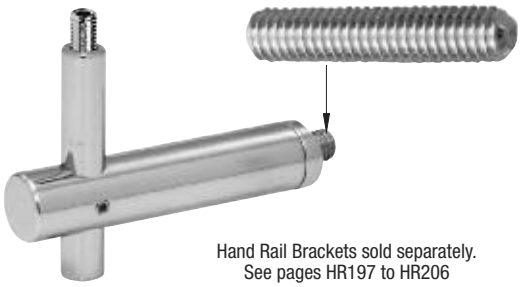
CAT. NO.	SIZE	MATERIAL
PRS1032TC	#10-32 x 3/4" (19 mm)	Stainless Steel

Minimum order: 50 each. Must order in increments of 50.

CRL Stainless Steel Allen Screws

- For Use With HRS Hand and Foot Rail Brackets
- Available in Lengths From 3/16" to 3" (5 to 76 mm)
- All Stainless Steel

MORE INFORMATION crlaurence.com



Hand Rail Brackets sold separately.
See pages HR197 to HR206

These CRL Stainless Steel Allen Screws are available in incremental lengths from 3/16" to 3" (5 to 76 mm).

CAT. NO.	THREAD SIZE	LENGTH
AS1032316	10-32	3/16" (5 mm)
AS142014	1/4"-20	1/4" (6 mm)
AS51634	5/16"-18	3/4" (19 mm)
AS5161	5/16"-18	1" (25 mm)
AS516114	5/16"-18	1-1/4" (32 mm)
AS516112	5/16"-18	1-1/2" (38 mm)
AS516134	5/16"-18	1-3/4" (45 mm)

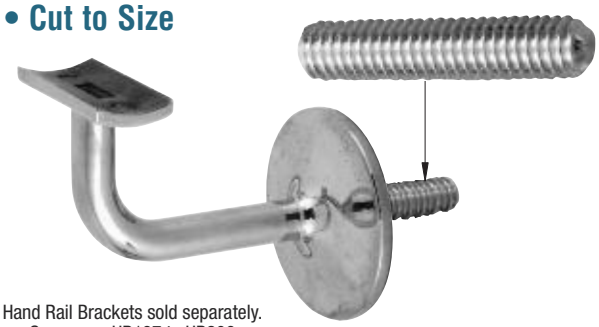
Minimum order: 10 each. Must order in increments of 10. Can be combined for quantity pricing.

CAT. NO.	THREAD SIZE	LENGTH
AS5162	5/16"-18	2" (51 mm)
AS5163	5/16"-18	3" (76 mm)
AS381	3/8"-16	1" (25 mm)
AS38114	3/8"-16	1-1/4" (32 mm)
AS38112	3/8"-16	1-1/2" (38 mm)
AS38134	3/8"-16	1-3/4" (44 mm)
AS382	3/8"-16	2" (51 mm)

Minimum order: 10 each. Must order in increments of 10. Can be combined for quantity pricing.

CRL Stainless Steel Threaded Rods

- For Use With HRS Hand Rail Brackets
- Cut to Size



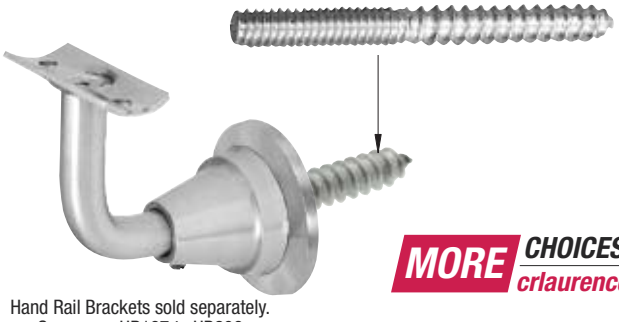
Hand Rail Brackets sold separately.
See pages HR197 to HR206

CAT. NO.	THREAD SIZE	LENGTH
TR51618X36S	5/16"-18	36" (914 mm)
TR3816X36S	3/8"-16	36" (914 mm)

Minimum order: 1 each. Can be combined for quantity pricing.

CRL Stainless Steel Hanger Bolts

- For Use With HRS Hand Rail Brackets



MORE CHOICES crlaurence.com

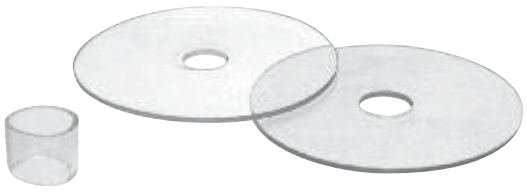
Hand Rail Brackets sold separately.
See pages HR197 to HR206

CAT. NO.	THREAD SIZE	LENGTH
HB516212S	5/16"-18	2-1/2" (64 mm)
HB383S	3/8"-16	3" (76 mm)

Minimum order: 1 each. Can be combined for quantity pricing.

CRL Replacement Gaskets and Grommet Packs for Hand Rail Brackets

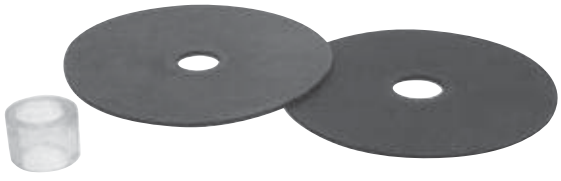
HR15G, HR20G, HR15GA, and HR20GA Series



Each CRL Replacement Gasket and Grommet Pack includes two each 2-5/16" (59 mm) diameter Rubber Gaskets and one each 9/16" (14 mm) O.D. Plastic Grommet. Minimum order is one pack.

CAT. NO. RGGP1

HR2DG, HR2FG, HR2SG, HR2JG, HR3EG, and HR4G Series



Each CRL Replacement Gasket and Grommet Pack includes two each 2-7/8" (73 mm) diameter Rubber Gaskets and one each 3/4" (19 mm) O.D. Plastic Grommet. Minimum order is one pack.

CAT. NO. RGGP2

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4

U.S. Aluminum Architectural Systems

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Storefront Systems
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These products and more can be found in this catalog section. On the bottom of each page are direct search instructions for viewing them on our web site. You can also enter the catalog number into the search box for a direct link to the product and others in that category. To view other products, click on the link to our Catalog Library found on the web site home page.

Products in this section can also be found in our U.S. Alumium Architectural Manuals, USAL14 The Storefront Store and USAL15 Curtain Walls Master Catalogs, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs**.



C.R. Laurence is ISO 9001:2008 Certified

SECTION 4 INDEX

U.S. ALUMINUM ARCHITECTURAL SYSTEMS

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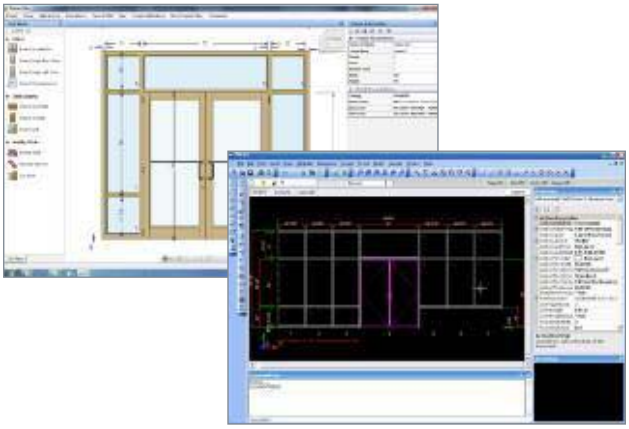
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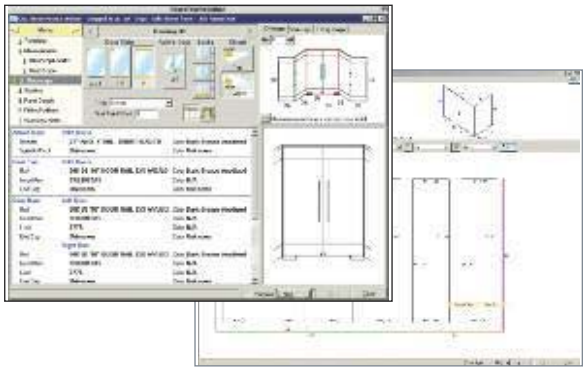
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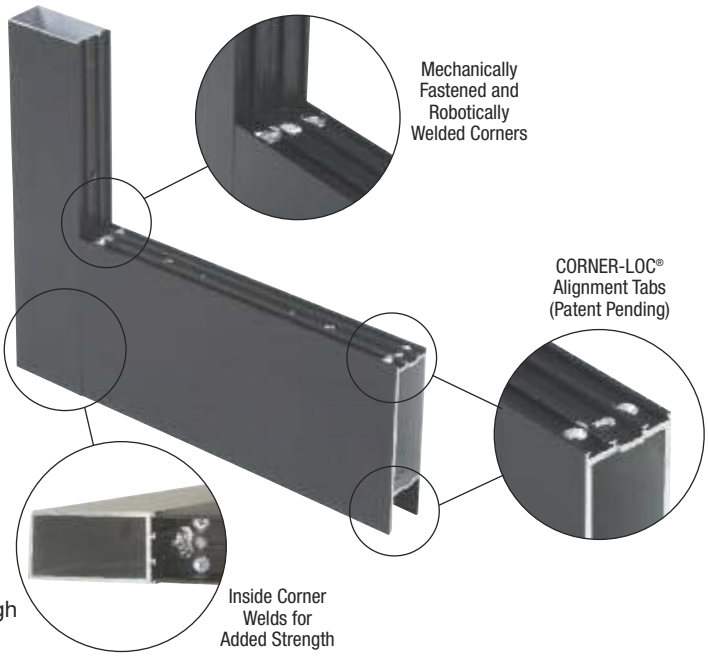
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CRL-U.S. Aluminum CORNER-LOC® Technology

- Limited Lifetime Warranty on Mechanically Fastened and Welded Corner Construction Featuring CORNER-LOC® Technology

CRL-U.S. Aluminum has long been an industry leader in the manufacturing of entrance doors, door frames, and hardware. Our products are consistently built to the highest industry standards, ensuring years of reliable service. Now amazing improvement has been realized with our patent pending CORNER-LOC® Technology, creating the most durable door corner assembly available.

Torsion resulting from automatic operators and forceful impacts persistently degrades doors. To counteract these forces our CORNER-LOC® Technology features a robust mechanical fastening system, precision alignment tabs generated by state-of-the-art CNC processes, and robotically applied welds. This new system is so tough we had to create a severe torsion test to measure it against leading competitors. We are proud to say our CORNER-LOC® Doors lasted 10 times longer than the closest competitor's doors.







Series 250, 400, and 550 Entrance Doors

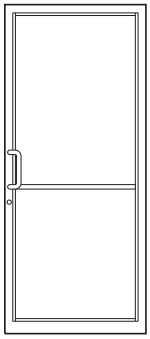
USE MONOLITHIC TEMPERED GLASS or USE INSULATING TEMPERED GLASS

• Available Through All U.S. Aluminum and C.R. Laurence Service Centers

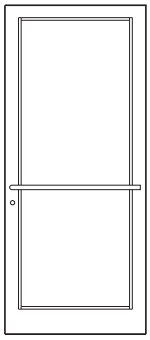
As an industry leader in the manufacturing of entrance doors and frames, U.S. Aluminum consistently builds products to meet the highest industry standards, ensuring years of reliable service. Job-tested, mechanically fastened and welded corner construction creates a rugged structural corner assembly. All doors offer clean lines and are supplied with push/pull hardware and maximum security locks. These entrances can easily accommodate a wide variety of custom hardware for specific job requirements.

These doors are among our most popular models, and we are making them available with a minimum lead time by stocking them in standard sizes. Standard features include glass stops and an adjustable leveling screw in the top rail.

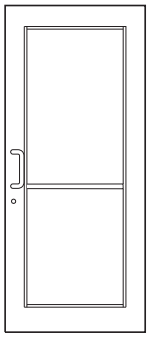
We also make custom doors to meet your exact requirements. Optional accessories such as door closers, panic exit devices, continuous geared hinges, and special locking hardware is available.



Series 250 - Narrow Stile
Light to Moderate Traffic
(Offset Pivot Door Shown)



Series 400 - Medium Stile
Moderate to Heavy Traffic
(Center Pivot Door Shown)



Series 550 - Wide Stile
Heavy Traffic
(Offset Pivot Door Shown)

Standard Features:

Glass Stops - Pressure type glass stops (square or beveled) with E.P.D.M. glazing gaskets permit time saving installation of 1/4" (6 mm) glass. Optional glass stops are available for 1" (25 mm) infills. Setting blocks for glass are preset at the factory.

Adjustable Leveling Screw - A simple adjustment on the leveling screw, concealed in the top rail of the door, compensates for minor variances in door openings after installation.

Adjustable Astragal - All pairs of doors come with spring-loaded fully adjustable dual weatherstripped astragals for optimum air resistance. Binding or gaps at the meeting stiles can be easily corrected by simple adjustments. The full length dual weather stripping on the astragal is not interrupted by the deadlock.

Accessories:

Hinging Hardware
- Offset Pivots for Single Acting Doors
- Butt Hinges for Single Acting Doors
- Continuous Geared Hinges for Single Acting Doors
- Concealed Center Pivots for Use With Double Acting Doors

Closers
- Surface Mounted Overhead
- Concealed Overhead
- Floor Mounted

Panic Exit Devices
- Conventional Cross Bar
- Mid-Panel Panic

Vanguard Security Astragal - Visit **crlaurence.com/entrances**

***Maximum Recommended Door Sizes:**
48" (1219 mm) X 96" (2438 mm)
* Requires special hardware. Please consult with Technical Sales.

• Standard or A.D.A. Access Bottom Rail Available

• For 1/4" (6 mm) Tempered Glass or 1" (25 mm) Insulating Glass (Not Included)

SERIES	STILES	TOP RAIL	BOTTOM RAIL**	TRAFFIC APPLICATIONS
250 Narrow Stile	2" (51 mm)	2-1/8" (54 mm)	3-3/16" or 7-1/2" (81 or 191 mm)	Light to Moderate
400 Medium Stile	3-1/2" (89 mm)	3-3/16" (81 mm)	6-1/2" or 7-1/2" (165 or 191 mm)	Moderate to Heavy
550 Wide Stile	5" (127 mm)	5-1/2" (140 mm)	6-1/2" or 7-1/2" (165 or 191 mm)	Heavy
A.D.A. Bottom Rail Option for Any Series			9-1/2" (241 mm)	

** Size does not include 1/2" (13 mm) Glass Stop.

Series 250 Narrow Stile Center Pivot Doors

BEST SELLERS IN STOCK READY TO GO!

MORE INFORMATION crlaurence.com

- Narrow Stile Aluminum Doors for Exterior and Interior Applications
- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Prepped for Center Hung Overhead Concealed Door Closer (Not Included)
- Choice of Standard or A.D.A. Access Bottom Rails
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction

USE MONOLITHIC TEMPERED GLASS

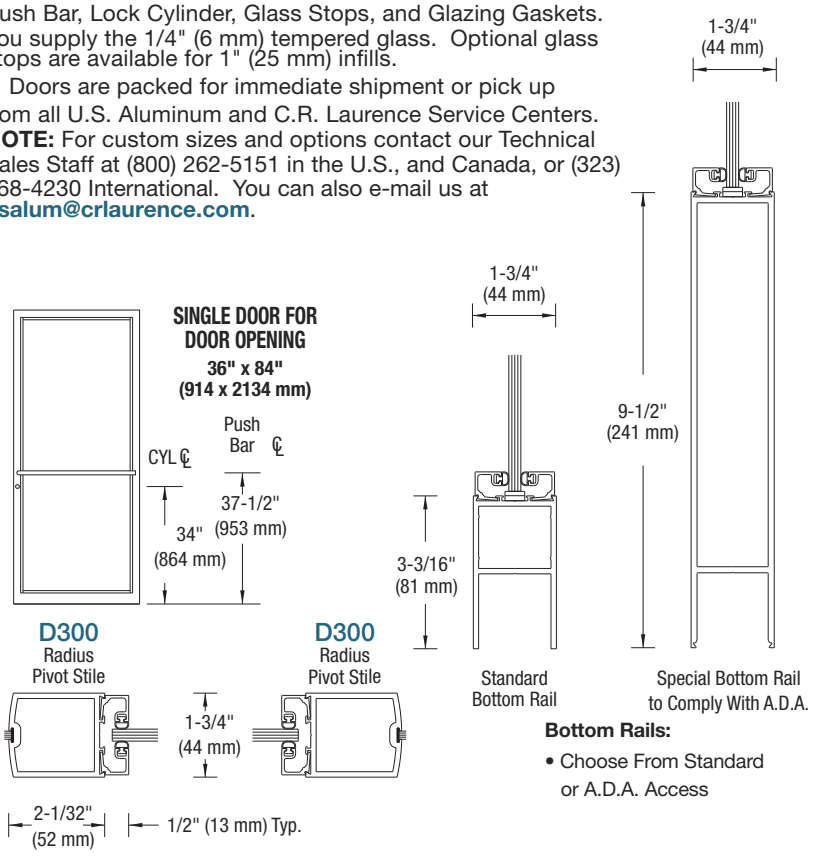


When you need a quality door in a hurry, our Stock Door Program is the solution. U.S. Aluminum now offers a line of stock size Narrow Stile Doors for exterior and interior applications. Both Clear Anodized and Bronze Anodized finishes are available as single doors or in pairs in two versions: Center Pivot and Offset Pivot (including Butt Hinged).

These Center Pivot Doors include standard 2" (51 mm) Stiles, 2-1/8" (54 mm) Top Rails, and your choice of Standard 3-3/16" (81 mm) Bottom Rails or 9-1/2" (241 mm) A.D.A. Access Bottom Rails. Other standard features include a Push Bar, Lock Cylinder, Glass Stops, and Glazing Gaskets. You supply the 1/4" (6 mm) tempered glass. Optional glass stops are available for 1" (25 mm) infills.

Doors are packed for immediate shipment or pick up from all U.S. Aluminum and C.R. Laurence Service Centers. **NOTE:** For custom sizes and options contact our Technical Sales Staff at (800) 262-5151 in the U.S., and Canada, or (323) 268-4230 International. You can also e-mail us at usalum@crlaurence.com.

- Clear Anodized and Bronze Anodized in Single or Pairs of Doors
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers
- Custom Sizes, Finishes, and Options Available



Stock Size DC and CD Series 250 Narrow Stile Center Pivot Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



MORE CHOICES crlaurence.com

STANDARD FEATURES:

- Push Bars
- Hookbolt Lock (Single Doors)
- Three-Point Lock (Paired Doors)
- Lock Indicator
- Cylinders
- Cylinder Guards
- Glazing Gaskets

DC AND CD SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DC21711R036	DC21722R036	Right	Standard 3-3/16" (81 mm)
DC21711L036	DC21722L036	Left	Standard 3-3/16" (81 mm)
CD21711R036	CD21722R036	Right	A.D.A. Access 9-1/2" (241 mm)
CD21711L036	CD21722L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DC AND CD PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DC227110072	DC227220072	Standard 3-3/16" (81 mm)
CD227110072	CD227220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Stock Size DE Series 250 Narrow Stile Center Pivot Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Push Bars
- Hookbolt Lock (Single Doors)
- Flush Bolts (Paired Doors)
- Cylinders
- Glazing Gaskets

DE SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DE21711R036	DE21722R036	Right	A.D.A. Access 9-1/2" (241 mm)
DE21711L036	DE21722L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DE PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT NO.	BOTTOM RAIL TYPE
DE227110072	DE227220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Series 250 Narrow Stile Offset Pivot and Butt Hinged Doors

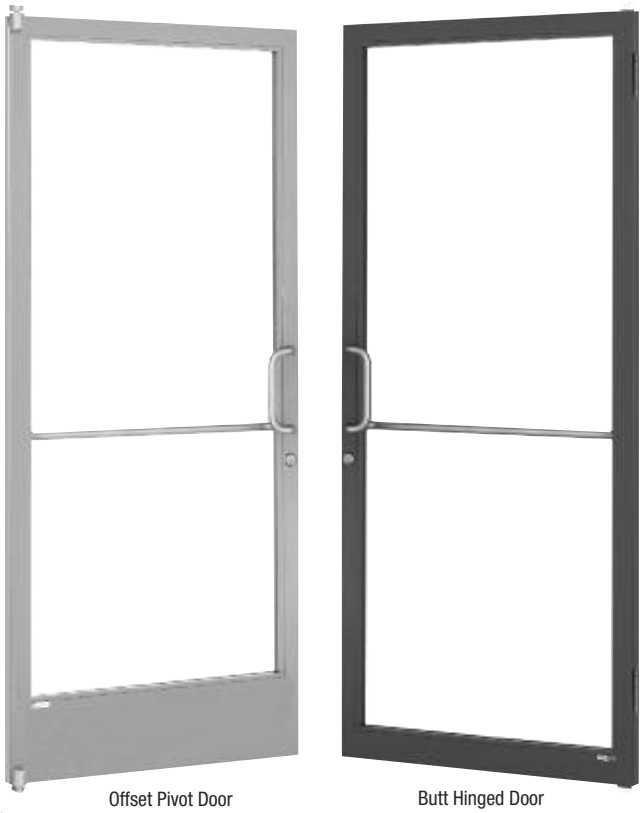
BEST SELLERS IN STOCK READY TO GO!

MORE INFORMATION crlaurence.com

- Narrow Stile Aluminum Doors for Exterior and Interior Applications
- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Prepped for Offset Pivots or Butt Hinges, and Glass Stops, for Surface Mount Door Closer (Not Included)
- Choice of Standard or A.D.A. Access Bottom Rails
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



Offset Pivot Door

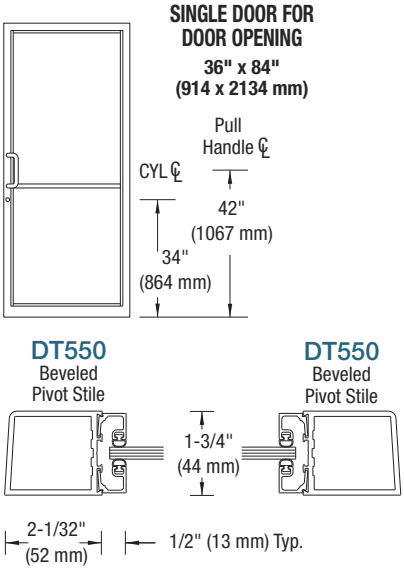
Butt Hinged Door

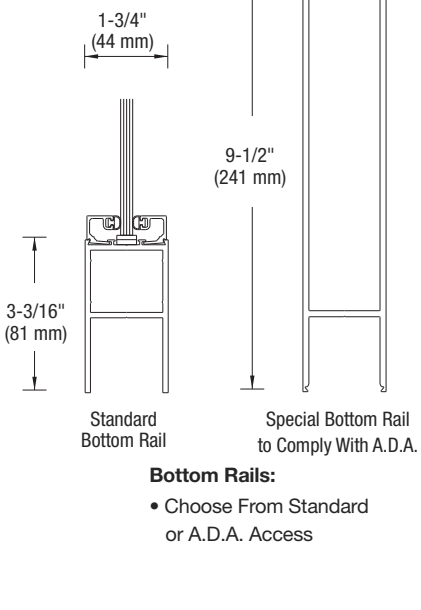
When you need a quality door in a hurry, our Stock Door Program is the solution. U.S. Aluminum now offers a line of stock size Narrow Stile Doors for exterior and interior applications. Both Clear Anodized and Bronze Anodized finishes are available as single doors or in pairs in two versions: Offset Pivot and Butt Hinged. Continuous Geared Hinges are also available on special order.

These Doors include standard 2" (51 mm) Stiles, 2-1/8" (54 mm) Top Rails and your choice of Standard 3-3/16" (81 mm) Bottom Rails, or 9-1/2" (241 mm) A.D.A. Access Bottom Rails. Other standard features include a Push Bar, Offset Pull Handle, Panic Exit Devices (Select Models), Lock Cylinder, Glass Stops, and Glazing Gaskets. You supply the 1/4" (6 mm) tempered glass. Optional glass stops are available for 1" (25 mm) infills.

Doors are packed for immediate shipment or pick up from all U.S. Aluminum and C.R. Laurence Service Centers. **NOTE:** For custom sizes and options contact our Technical Sales Staff at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can also e-mail us at usalum@crlaurence.com.

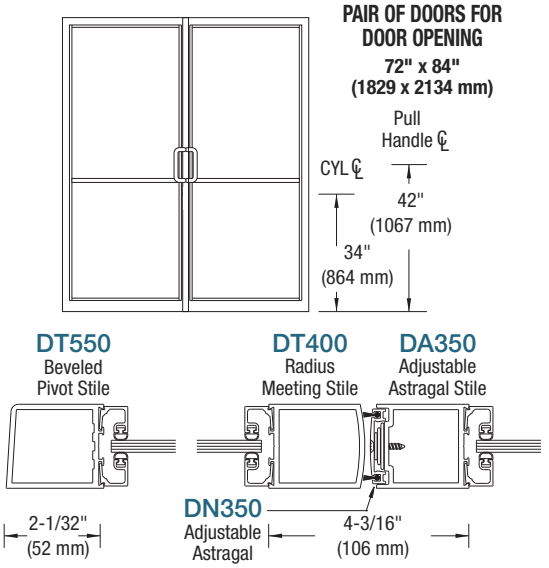
- Clear Anodized and Bronze Anodized in Single or Pairs of Doors
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers
- Custom Sizes, Finishes, and Options Available





Bottom Rails:

- Choose From Standard or A.D.A. Access



Stock Size DC and CD Series 250 Narrow Stile Offset Pivot Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Offset Pivots
- Push Bar and Offset Pull Handle
- Hookbolt Lock (Single Doors)
- Three-Point Lock (Paired Doors)
- Lock Indicator
- Cylinders
- Cylinder Guard
- Glazing Gaskets

MORE CHOICES crlaurence.com

DC AND CD SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DC21211R036	DC21222R036	Right	Standard 3-3/16" (81 mm)
DC21211L036	DC21222L036	Left	Standard 3-3/16" (81 mm)
CD21211R036	CD21222R036	Right	A.D.A. Access 9-1/2" (241 mm)
CD21211L036	CD21222L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DC AND CD PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DC222110072	DC222220072	Standard 3-3/16" (81 mm)
CD222110072	CD222220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Stock Size DC Series 250 Narrow Stile Butt Hinged Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Two Butt Hinges Per Door
- Push Bar and Offset Pull Handle
- Hookbolt Lock (Single Doors)
- Three-Point Lock (Paired Doors)
- Lock Indicator
- Cylinders
- Cylinder Guard
- Glazing Gaskets

DC SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DC21511R036	DC21522R036	Right	Standard 3-3/16" (81 mm)
DC21511L036	DC21522L036	Left	Standard 3-3/16" (81 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DC PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DC225110072	DC225220072	Standard 3-3/16" (81 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Stock Size DE Series 250 Narrow Stile Offset Pivot Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Offset Pivots
- Push Bar and Offset Pull Handles
- Hookbolt Lock (Single Doors)
- Flush Bolts (Paired Doors)
- Cylinders
- Glazing Gaskets

MORE INFORMATION crlaurence.com

DE SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DE21211R036	DE21222R036	Right	A.D.A. Access 9-1/2" (241 mm)
DE21211L036	DE21222L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DE PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DE222110072	DE222220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Stock Size DE Series 250 Narrow Stile Butt Hinged Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Two Butt Hinges Per Door
- Push Bar and Offset Pull Handles
- Hookbolt Lock (Single Doors)
- Flush Bolts (Paired Doors)
- Cylinders
- Glazing Gaskets

MORE MODELS crlaurence.com

DE SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DE21511R036	DE21522R036	Right	A.D.A. Access 9-1/2" (241 mm)
DE21511L036	DE21522L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DE PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DE225110072	DE225220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Stock Size CZ and DZ Series 250 Narrow Stile Offset Pivot With Panic Exit Device Doors



- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- For Surface Mount Door Closer (Not Included)
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS

STANDARD FEATURES:

– Offset Pivots and Jackson® 1285 Series Concealed Vertical Rod Panic Exit Device
– Exterior Offset Pull Handle
– Cylinder
– Glazing Gaskets

MORE CHOICES crlaurence.com

DZ AND CZ SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DZ21211R036	DZ21222R036	Right	Standard 3-3/16" (81 mm)
DZ21211L036	DZ21222L036	Left	Standard 3-3/16" (81 mm)
CZ21211R036	CZ21222R036	Right	A.D.A. Access 9-1/2" (241 mm)
CZ21211L036	CZ21222L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DZ AND CZ PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DZ222110072	DZ222220072	Standard 3-3/16" (81 mm)
CZ222110072	CZ222220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Series 250 Narrow Stile Blank Doors



- Custom Fabricated to Accept Various Hardware Applications
- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Short Lead Times

USE MONOLITHIC TEMPERED GLASS

STANDARD FEATURES:

– Stiles for Offset Hung and Center Hung Applications
– Adjustable Astragal on Pairs of Doors

BLANK SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	STILE	BOTTOM RAIL TYPE
DB21611	DB21622	Offset	Standard 3-3/16" (81 mm)
DB21011	DB21022	Center	Standard 3-3/16" (81 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

BLANK PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES AND 2-1/8" (54 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	STILE	BOTTOM RAIL TYPE
DB22611	DB22622	Offset	Standard 3-3/16" (81 mm)
DB22011	DB22022	Center	Standard 3-3/16" (81 mm)

.Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Stock Size LE Series 250 Narrow Stile Offset Pivot Doors

- Accommodates 1" (25 mm) Insulating Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE INSULATING TEMPERED GLASS

POPULAR IN CANADA



STANDARD FEATURES:

– Offset Pivots
– Push Bar and Offset Pull Handle
– Hookbolt Lock (Single Doors)
– Flush Bolts (Paired Doors)
– Cylinder
– Thumbturn
– Glazing Gaskets
– Adjustable Astragal (on Active Door Leaf Only)

MORE CHOICES crlaurence.com

LE SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES, 2-1/8" (54 MM) TOP RAIL, AND 3-3/16" (81 MM) BOTTOM RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	DESCRIPTION
LE21211R036	LE21222R036	Right	Single Door Leaf Complete
LE21211L036	LE21222L036	Left	Single Door Leaf Complete
LE22211R136	LE22222R136	Right	Inactive Leaf of Pair Complete
LE22211LA36	LE22222LA36	Left	Active Leaf of Pair Complete

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing

LE PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES, 2-1/8" (54 MM) TOP RAIL, AND 3-3/16" (81 MM) BOTTOM RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	DESCRIPTION
LE222110072	LE222220072	Pair Complete

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Stock Size LE Series 250 Narrow Stile Butt Hinged Doors

- Accommodates 1" (25 mm) Insulating Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE INSULATING TEMPERED GLASS

POPULAR IN CANADA



STANDARD FEATURES:

– Three Butt Hinges Per Door
– Push Bar and Offset Pull Handle
– Hookbolt Lock (Single Doors)
– Flush Bolts (Paired Doors)
– Cylinder
– Thumbturn
– Glazing Gaskets
– Adjustable Astragal (on Active Door Leaf Only)

LE SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 2" (51 MM) STILES, 2-1/8" (54 MM) TOP RAIL, AND 3-3/16" (81 MM) BOTTOM RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	DESCRIPTION
LE21511R036	LE21522R036	Right	Single Door Leaf Complete
LE21511L036	LE21522L036	Left	Single Door Leaf Complete
LE22511R136	LE22522R136	Right	Inactive Leaf of Pair Complete
LE22511LA36	LE22522LA36	Left	Active Leaf of Pair Complete

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

LE PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 2" (51 MM) STILES, 2-1/8" (54 MM) TOP RAIL, AND 3-3/16" (81 MM) BOTTOM RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	DESCRIPTION
LE225110072	LE225220072	Pair Complete

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Series 400 Medium Stile Center Pivot Doors

BEST SELLERS IN STOCK AND READY TO GO!

MORE INFORMATION crlaurence.com

- Medium Stile Aluminum Doors for Exterior and Interior Applications
- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Prepped for Center Hung Overhead Concealed Door Closer (Not Included)
- Choice of Standard or A.D.A Access Bottom Rails
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

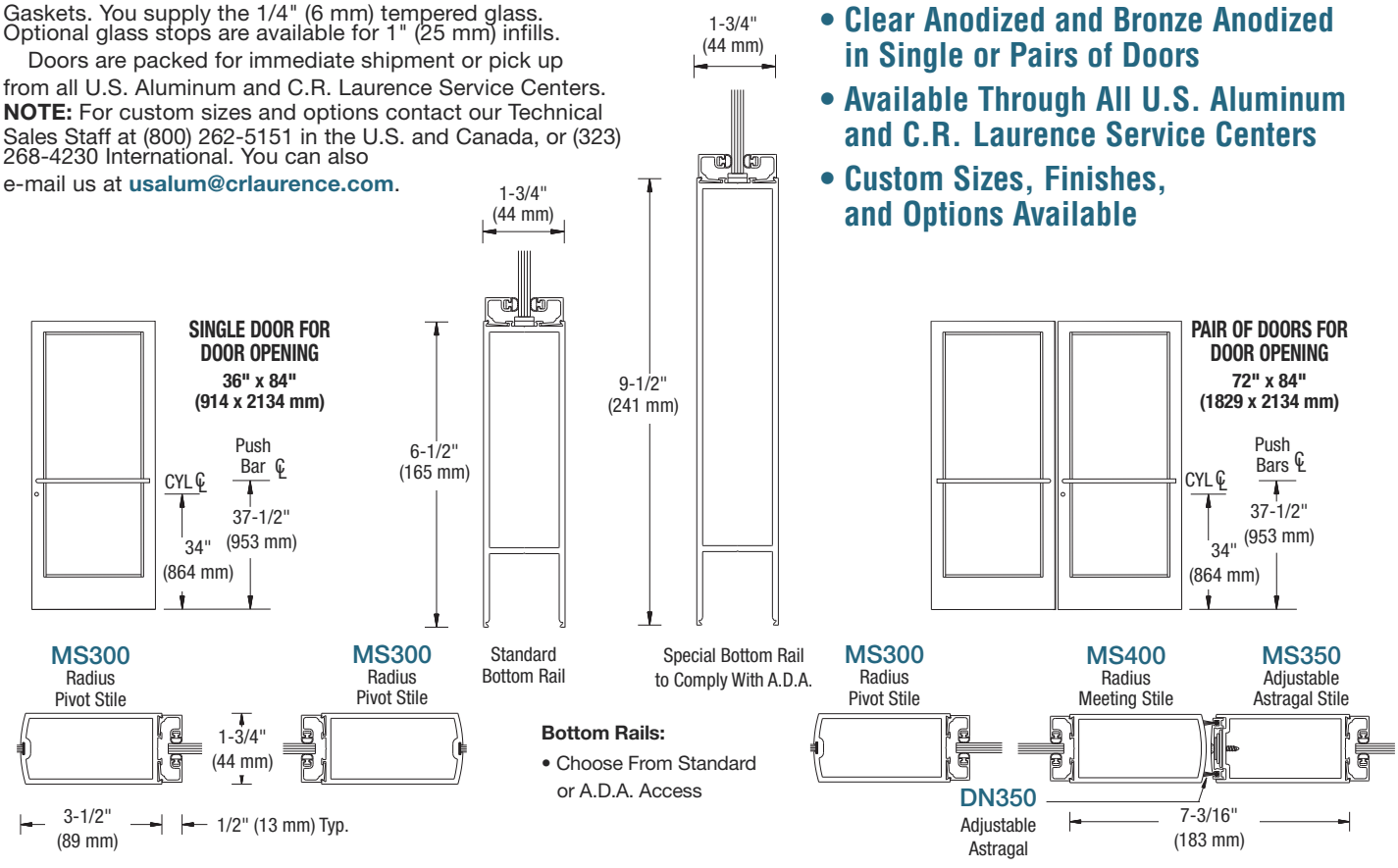


When you need a quality door in a hurry, our Stock Door Program is the solution. U.S. Aluminum now offers a line of stock size Medium Stile Doors for exterior and interior applications. Both Clear Anodized and Bronze Anodized finishes are available as single doors or in pairs in two versions: Center Pivot and Offset Pivot (including Butt Hinged).

These Center Pivot Doors include standard 3-1/2" (89 mm) Stiles, 3-3/16" (81 mm) Top Rails, and your choice of Standard 6-1/2" (165 mm) Bottom Rails or 9-1/2" (241 mm) A.D.A. Access Bottom Rails. Other standard features include a Push Bar, Lock Cylinder, Glass Stops, and Glazing Gaskets. You supply the 1/4" (6 mm) tempered glass. Optional glass stops are available for 1" (25 mm) infills.

Doors are packed for immediate shipment or pick up from all U.S. Aluminum and C.R. Laurence Service Centers. **NOTE:** For custom sizes and options contact our Technical Sales Staff at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can also e-mail us at **usalum@crlaurence.com**.

- Clear Anodized and Bronze Anodized in Single or Pairs of Doors
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers
- Custom Sizes, Finishes, and Options Available



Bottom Rails:

- Choose From Standard or A.D.A. Access

Stock Size DC and CD Series 400 Medium Stile Center Pivot Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Push Bars
- Hookbolt Lock (Single Doors)
- Three-Point Lock (Paired Doors)
- Lock Indicator
- Cylinders
- Cylinder Guards
- Glazing Gaskets

MORE CHOICES crlaurence.com

DC AND CD SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DC41711R036	DC41722R036	Right	Standard 6-1/2" (165 mm)
DC41711L036	DC41722L036	Left	Standard 6-1/2" (165 mm)
CD41711R036	CD41722R036	Right	A.D.A. Access 9-1/2" (241 mm)
CD41711L036	CD41722L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DC AND CD PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DC427110072	DC427220072	Standard 6-1/2" (165 mm)
CD427110072	CD427220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.



Series 400 Medium Stile Offset Pivot and Butt Hinged Doors

BEST SELLERS IN STOCK AND READY TO GO!

MORE INFORMATION crlaurence.com

- Medium Stile Aluminum Doors for Exterior and Interior Applications
- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Prepped for Offset Pivots or Butt Hinges, and Glass Stops, for Surface Mount Door Closer (Not Included)
- Choice of Standard or A.D.A. Access Bottom Rails
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



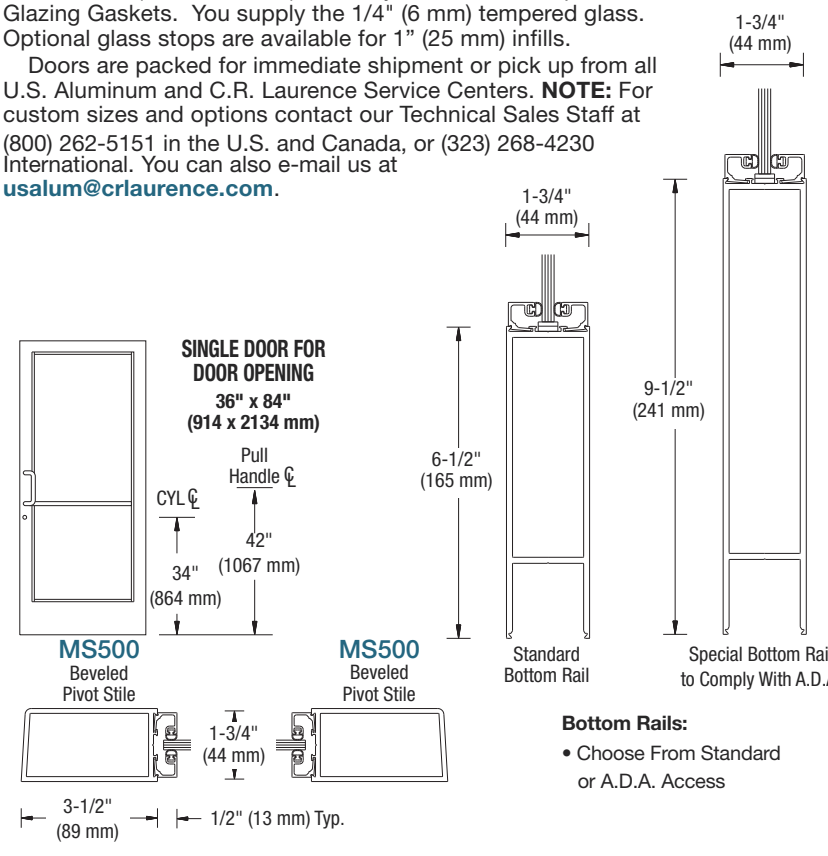
Offset Pivot Door | Butt Hinged Door

When you need a quality door in a hurry, our Stock Door Program is the solution. U.S. Aluminum now offers a line of stock size Medium Stile Doors for exterior and interior applications. Both Clear Anodized and Bronze Anodized finishes are available as single doors or in pairs in two versions: Offset Pivot and Butt Hinged. Continuous Geared Hinges are also available on special order.

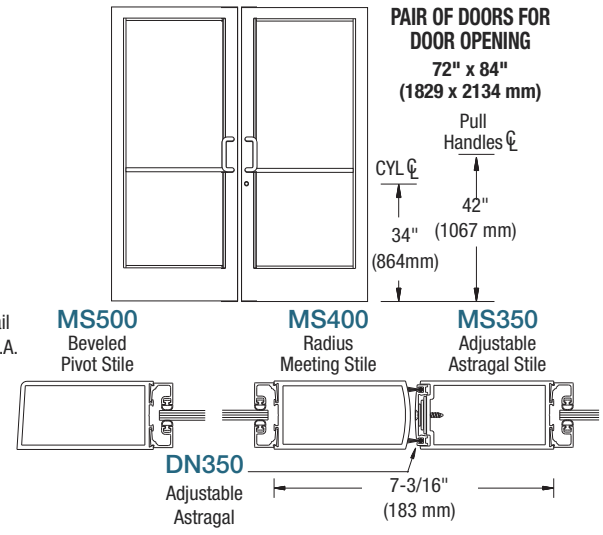
These Doors include standard 3-1/2" (89 mm) Stiles, 3-3/16" (81 mm) Top Rails, and your choice of Standard 6-1/2" (165 mm) Bottom Rails or 9-1/2" (241 mm) A.D.A Access Bottom Rails. Other standard features include a Push Bar, Offset Pull Handle, Panic Exit Devices (Select Models), Lock Cylinder, Glass Stops, and Glazing Gaskets. You supply the 1/4" (6 mm) tempered glass. Optional glass stops are available for 1" (25 mm) infills.

Doors are packed for immediate shipment or pick up from all U.S. Aluminum and C.R. Laurence Service Centers. **NOTE:** For custom sizes and options contact our Technical Sales Staff at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can also e-mail us at usalum@crlaurence.com.

- Clear Anodized and Bronze Anodized in Single or Pairs of Doors
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers
- Custom Sizes, Finishes, and Options Available



Bottom Rails:
- Choose From Standard or A.D.A. Access



Stock Size DC and CD Series 400 Medium Stile Offset Pivot Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Offset Pivots
- Push Bar and Offset Pull Handle
- Hookbolt Lock (Single Doors)
- Three-Point Lock (Paired Doors)
- Lock Indicator
- Cylinders
- Cylinder Guards
- Glazing Gaskets

MORE CHOICES crlaurence.com

DC AND CD SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DC41211R036	DC41222R036	Right	Standard 6-1/2" (165 mm)
DC41211L036	DC41222L036	Left	Standard 6-1/2" (165 mm)
CD41211R036	CD41222R036	Right	A.D.A. Access 9-1/2" (241 mm)
CD41211L036	CD41222L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DC AND CD PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DC422110072	DC422220072	Standard 6-1/2" (165 mm)
CD422110072	CD422220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Stock Size DC Series 400 Medium Stile Butt Hinged Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Two Butt Hinges Per Door
- Push Bar and Offset Pull Handle
- Hookbolt Lock (Single Doors)
- Three-Point Lock (Paired Doors)
- Lock Indicator
- Cylinders
- Cylinder Guard
- Glazing Gaskets

DC SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DC41511R036	DC41522R036	Right	Standard 6-1/2" (165 mm)
DC41511L036	DC41522L036	Left	Standard 6-1/2" (165 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DC PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DC425110072	DC425220072	Standard 6-1/2" (165 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Stock Size CZ and DZ Series 400 Medium Stile Offset Pivot With Panic Exit Device Doors



- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- For Surface Mount Door Closer (Not Included)
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS

STANDARD FEATURES:

- Offset Pivots and Jackson® 1285 Series Concealed Vertical Rod Panic Exit Device
- Exterior Offset Pull Handle
- Cylinders
- Glazing Gaskets

MORE CHOICES crlaurence.com

DZ AND CZ SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DZ41211R036	DZ41222R036	Right	Standard 6-1/2" (165 mm)
DZ41211L036	DZ41222L036	Left	Standard 6-1/2" (165 mm)
CZ41211R036	CZ41222R036	Right	A.D.A. Access 9-1/2" (241 mm)
CZ41211L036	CZ41222L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DZ AND CZ PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DZ422110072	DZ422220072	Standard 6-1/2" (165 mm)
CZ422110072	CZ422220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Series 400 Medium Stile Blank Doors



- Custom Fabricated to Accept Various Hardware Applications
- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Short Lead Times

USE MONOLITHIC TEMPERED GLASS

STANDARD FEATURES:

- Stiles for Offset Hung and Center Hung Applications
- Adjustable Astragal on Pairs of Doors

BLANK SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	STILE	BOTTOM RAIL TYPE
DB41611	DB41622	Offset	Standard 6-1/2" (165 mm)
DB41011	DB41022	Center	Standard 6-1/2" (165 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

BLANK PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 3-1/2" (89 MM) STILES AND 3-3/16" (81 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	STILE	BOTTOM RAIL TYPE
DB42611	DB42622	Offset	Standard 6-1/2" (165 mm)
DB42011	DB42022	Center	Standard 6-1/2" (165 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Series 550 Wide Stile Center Pivot Doors

BEST SELLERS IN STOCK AND READY TO GO!

MORE INFORMATION crlaurence.com

- Wide Stile Aluminum Doors for Exterior and Interior Applications
- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Prepped for Center Hung Overhead Concealed Door Closer (Not Included)
- Choice of Standard or A.D.A. Access Bottom Rails
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

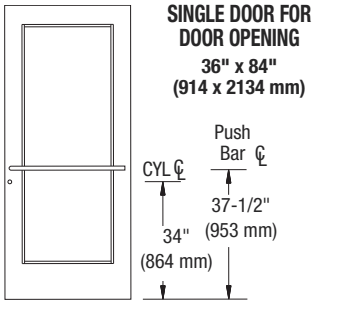


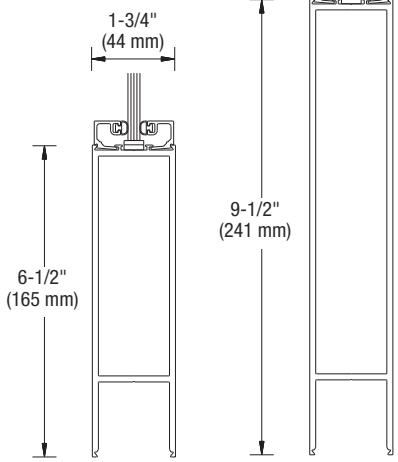
When you need a quality door in a hurry, our Stock Door Program is the solution. U.S. Aluminum now offers a line of stock size Wide Stile Doors for exterior and interior applications. Both Clear Anodized and Bronze Anodized finishes are available as single doors or in pairs in two versions: Center Pivot and Offset Pivot.

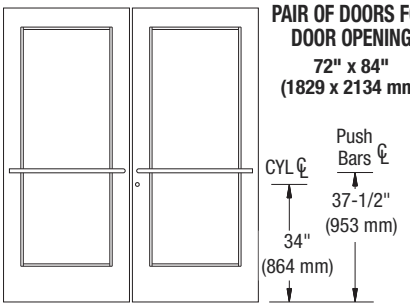
These Center Pivot Doors include standard 5" (127 mm) Stiles, 5-1/2" (140 mm) Top Rails, and your choice of standard 6-1/2" (165 mm) Bottom Rails or 9-1/2" (241 mm) A.D.A. Access Bottom Rails. Other standard features include a Push Bar, Lock Cylinder, Glass Stops, and Glazing Gaskets. You supply the 1/4" (6 mm) tempered glass. Optional glass stops are available for 1" (25 mm) infills.

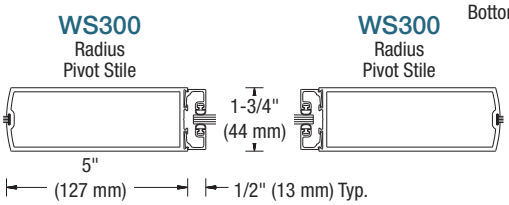
Doors are packed for immediate shipment or pick up from all U.S. Aluminum and C.R. Laurence Service Centers. **NOTE:** For custom sizes and options contact our Technical Sales Staff at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can also e-mail us through our web site at **usalum@crlaurence.com**.

- Clear Anodized and Bronze Anodized in Single or Pairs of Doors
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers
- Custom Sizes, Finishes, and Options Available

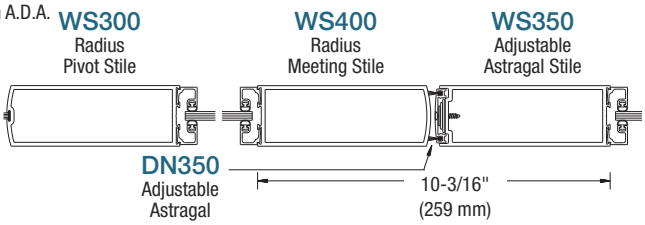








Bottom Rails:
- Choose From Standard or A.D.A. Access



Stock Size DC and CD Series 550 Wide Stile Center Pivot Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Push Bars
- Hookbolt Lock (Single Doors)
- Three-Point Lock (Paired Doors)
- Lock Indicator
- Cylinders
- Cylinder Guards
- Glazing Gaskets

MORE CHOICES crlaurence.com

DC AND CD SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 5" (127 MM) STILES AND 5-1/2" (140 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DC51711R036	DC51722R036	Right	Standard 6-1/2" (165 mm)
DC51711L036	DC51722L036	Left	Standard 6-1/2" (165 mm)
CD51711R036	CD51722R036	Right	A.D.A. Access 9-1/2" (241 mm)
CD51711L036	CD51722L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DC AND CD PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 5" (127 MM) STILES AND 5-1/2" (140 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DC527110072	DC527220072	Standard 6-1/2" (165 mm)
CD527110072	CD527220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.



Series 550 Wide Stile Offset Pivot Doors

BEST SELLERS IN STOCK AND READY TO GO!

MORE INFORMATION crlaurence.com

- Wide Stile Aluminum Doors for Exterior and Interior Applications
- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Prepped for Offset Pivots, Glass Stops, and Surface Mount Door Closer (Not Included)
- Choice of Standard or A.D.A. Access Bottom Rails
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



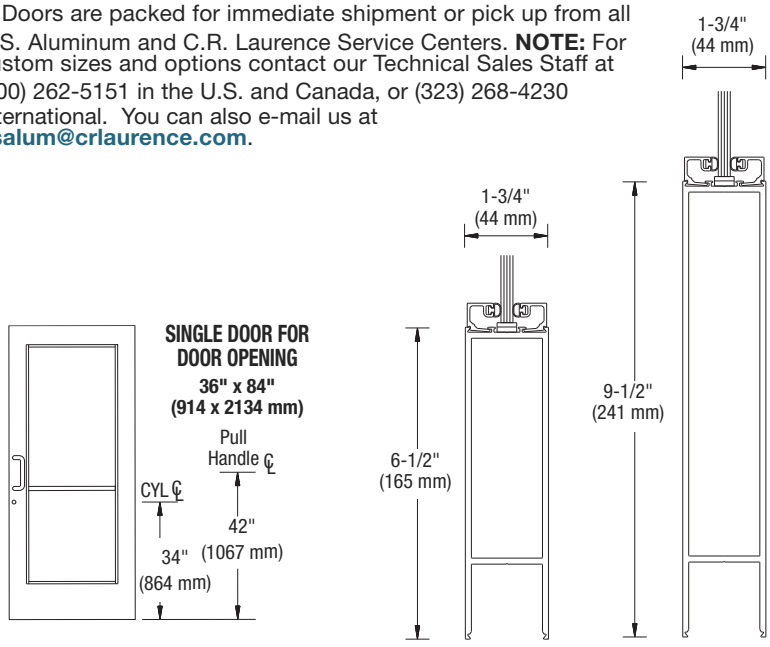
Offset Pivot Doors

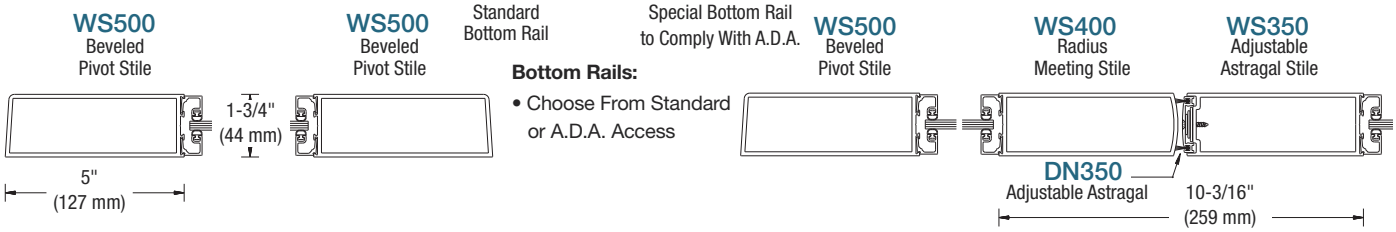
When you need a quality door in a hurry, our Stock Door Program is the solution. U.S. Aluminum now offers a line of stock size Wide Stile Doors for exterior and interior applications. Both Clear Anodized and Bronze Anodized finishes are available as single doors or in pairs in two versions: Offset Pivot and Center Pivot.

These Offset Pivot Doors include standard 5" (127 mm) Stiles, 5-1/2" (140 mm) Top Rails, and your choice of Standard 6-1/2" (165 mm) Bottom Rails or 9-1/2" (241 mm) A.D.A. Access Bottom Rails. Other standard features include a Push Bar, Offset Pull Handle, Panic Exit Devices (Select Models), Lock Cylinder, Glass Stops, and Glazing Gaskets. You supply the 1/4" (6 mm) tempered glass. Optional glass stops are available for 1" (25 mm) infills.

Doors are packed for immediate shipment or pick up from all U.S. Aluminum and C.R. Laurence Service Centers. **NOTE:** For custom sizes and options contact our Technical Sales Staff at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can also e-mail us at **usalum@crlaurence.com**.

- Clear Anodized and Bronze Anodized in Single or Pairs of Doors
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers
- Custom Sizes, Finishes, and Options Available





Stock Size DC and CD Series 550 Wide Stile Offset Pivot Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

- Offset Pivots
- Push Bar and Offset Pull Handle
- Hookbolt Lock (Single Doors)
- Three-Point Lock (Paired Doors)
- Lock Indicator
- Cylinders
- Cylinder Guard
- Glazing Gaskets

MORE CHOICES crlaurence.com

DC AND CD SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 5" (127 MM) STILES AND 5-1/2" (140 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DC51211R036	DC51222R036	Right	Standard 6-1/2" (165 mm)
DC51211L036	DC51222L036	Left	Standard 6-1/2" (165 mm)
CD51211R036	CD51222R036	Right	A.D.A. Access 9-1/2" (241 mm)
CD51211L036	CD51222L036	Left	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DC AND CD PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 5" (127 MM) STILES AND 5-1/2" (140 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DC522110072	DC522220072	Standard 6-1/2" (165 mm)
CD522110072	CD522220072	A.D.A. Access 9-1/2" (241 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.



Stock Size DZ Series 550 Wide Stile Offset Pivot With Panic Exit Device Doors

- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- For Surface Mount Door Closer (Not Included)
- Available Through All U.S. Aluminum and C.R. Laurence Service Centers

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

– Offset Pivots and Jackson® 1285 Series Concealed Vertical Rod Panic Exit Device
– Exterior Offset Pull Handle
– Cylinder
– Glazing Gaskets

MORE CHOICES crlaurence.com

DZ SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 5" (127 MM) STILES AND 5-1/2" (140 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	LATCH SIDE*	BOTTOM RAIL TYPE
DZ51211R036	DZ51222R036	Right	Standard 6-1/2" (165 mm)
DZ51211L036	DZ51222L036	Left	Standard 6-1/2" (165 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
*Latch side as seen from the exterior of the building. All USAL Doors can be combined for quantity pricing.

DZ PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 5" (127 MM) STILES AND 5-1/2" (140 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	BOTTOM RAIL TYPE
DZ522110072	DZ522220072	Standard 6-1/2" (165 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Series 550 Wide Stile Blank Doors

- Custom Fabricated to Accept Various Hardware Applications
- Accommodates 1/4" (6 mm) Tempered Glass (Not Included)
- Lifetime Warranty on CORNER-LOC® Mechanically Fastened and Welded Corner Construction
- For Surface Mount Door Closer (Not Included)
- Short Lead Times

USE MONOLITHIC TEMPERED GLASS



STANDARD FEATURES:

– Stiles for Offset Hung and Center Hung Applications
– Adjustable Astragal on Pairs of Doors

BLANK SINGLE DOOR 36" X 84" (914 X 2134 MM) WITH 5" (127 MM) STILES AND 5-1/2" (140 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	STILE	BOTTOM RAIL TYPE
DB51611	DB51622	Offset	Standard 6-1/2" (165 mm)
DB51011	DB51022	Center	Standard 6-1/2" (165 mm)

Minimum order: 1 each. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

BLANK PAIRS OF DOORS 72" X 84" (1829 X 2134 MM) WITH 5" (127 MM) STILES AND 5-1/2" (140 MM) TOP RAIL (NO GLASS)

CLEAR ANODIZED CAT. NO.	BRONZE ANODIZED CAT. NO.	STILE	BOTTOM RAIL TYPE
DB52611	DB52622	Offset	Standard 6-1/2" (165 mm)
DB52011	DB52022	Center	Standard 6-1/2" (165 mm)

Minimum order: 1 pair. Must ship common carrier or pick up at our Service Centers.
All USAL Doors can be combined for quantity pricing.

Series 800 and 850 Durafront Center Pivot and Offset Pivot Doors

MORE INFORMATION crlaurence.com

- Aluminum Doors for Extremely Heavy Traffic Applications
- 3/16" (5 mm) Wall Thickness
- Accommodates 1/4" (6 mm) Tempered or 1" (25 mm) Insulating Glass (Not Included)
- Choice of Standard or A.D.A. Access Bottom Rails
- Lifetime Warranty on Mechanically Fastened and Welded CORNER-LOC® Corner Construction
- Clear Anodized and Bronze Anodized in Single or Pairs of Doors
- See Quote/Order Form on Pages US022 and US023



or



Durafront Doors and Frames are fabricated from tubular aluminum extrusions with a wall thickness of 3/16" (5 mm). These extra strong, long-lasting entrance packages are ideal for locations subjected to extremely high traffic flow.

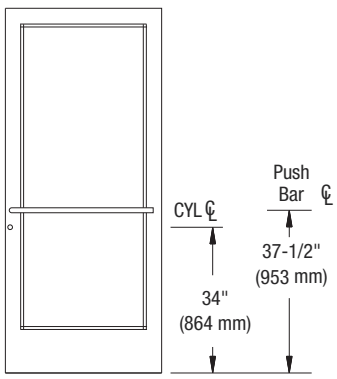
Durafront Entrance Packages, which are offered for center and offset pivot doors, can be easily adapted to most U.S. Aluminum Framing Systems. The door features mechanically fastened and welded corner construction. Offset pivot doors are supplied with a pair and a half of heavy-duty hinges, pivot sets or a continuous geared hinge. A variety of custom hardware is available upon request. For additional information contact our Technical Sales Staff at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can email us at usalum@crlaurence.com.



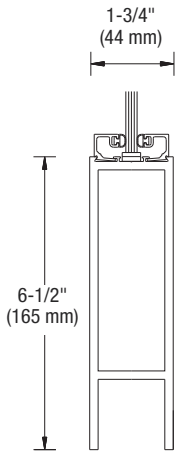
Series 800 Durafront
Medium Stile
Center Pivot Door



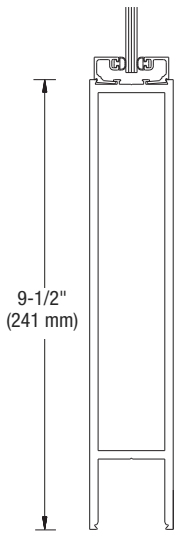
Series 850 Durafront
Wide Stile
Offset Pivot Door



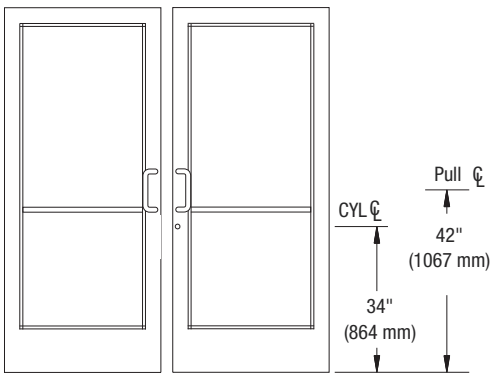
CENTER PIVOT DOOR



Standard Bottom Rail



Special Bottom Rail to Comply With A.D.A.



OFFSET PIVOT DOORS

SERIES	STILES	TOP RAIL	BOTTOM RAIL	APPLICATIONS
800 MEDIUM STILE	3-1/2" (89 mm)	3-11/32" (85 mm)	6-1/2" (165 mm)	Extremely Heavy Traffic (Institutional Buildings, Schools, Sports Arenas)
850 WIDE STILE	5" (127 mm)	5-1/2" (140 mm)	6-1/2" (165 mm)	
A.D.A. Bottom Rail Option			9-1/2" (241 mm)	A.D.A.

CRL-U.S. ALUMINUM ENTRANCE DOORS

go to:
crlaurence.com/usal-forms

Quote/Order Request Form for Series 250, 400, and 500 Doors, Plus Durafront 800 and 850 Doors

Fax Completed Checklist to U.S. Aluminum Technical Sales at (866) 262-3299. Then call to discuss: (800) 262-5151 in the U.S. and Canada or (323) 268-4230 (International). Ask for Extension 5305. This form is also available online at crlaurence.com/usal-forms.

Company Name _____ Phone # _____

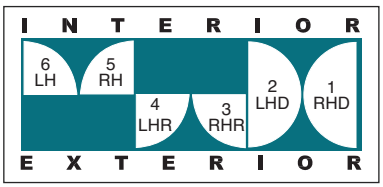
Contact _____ Account No. _____ Fax # _____

Job Name _____ Email _____

❑ QUOTE ❑ ORDER P.O. # _____

SERIES	STANDARD PROFILE DIMENSIONS STILES	TOP RAIL	BOTTOM RAIL
250 NARROW STILE	2" (51 mm)	2-1/8" (54 mm)	3-3/16" (81 mm)
400 MEDIUM STILE	3-1/2" (89 mm)	3-3/16" (81 mm)	6-1/2" (165 mm)
550 WIDE STILE	5" (127 mm)	5-1/2" (140 mm)	6-1/2" (165 mm)
DURAFRONT 800 MEDIUM STILE	3-1/2" (89 mm)	3-11/32" (85 mm)	6-1/2" (165 mm)
DURAFRONT 850 WIDE STILE	5" (127 mm)	5-1/2" (140 mm)	6-1/2" (165 mm)

DOOR SWING CHART



Use the Door Swing Chart to determine how the door(s) should be handed.

DOOR STILE

Standard Entrance Doors
- ❑ 250 Narrow
- ❑ 400 Medium
- ❑ 550 Wide

Durafront Entrance Doors
- ❑ 800 Medium
- ❑ 850 Wide

DOOR SWING — QTY

- ❑ LHR Hinge Left Swing Out _____ ea.
- ❑ RHR Hinge Right Swing Out _____ ea.
- ❑ LH Hinge Left Swing In _____ ea.
- ❑ RH Hinge Right Swing In _____ ea.
- ❑ LHD Hinge Left Double Acting _____ ea.
- ❑ RHD Hinge Right Double Acting _____ ea.
- ❑ PAIR Swing In _____ ea.
- ❑ PAIR Swing Out _____ ea.
- ❑ PAIR Double Acting _____ ea.

DOOR FINISH

- ❑ 11 - Clear Anodized Class II - Standard
- ❑ 22 - Dark Bronze Anodized Class II - Standard
- ❑ 12 - Clear Anodized Class I
- ❑ 33 - Black Anodized Class I
- ❑ 44 - Custom Anodized Class I - Specify Color _____
- ❑ 52 - Bone White 70% Kynar (2-Coat)
- ❑ 71 - Standard 70% Kynar (2-Coat) Standard Color per Chart
- ❑ 71 - Custom 70% Kynar (2-Coat) - Specify _____
- ❑ 88 - Custom 70% Kynar (3-Coat) - Specify _____

DOOR OPENING SIZE

- ❑ 36" x 84" (914 x 2134 mm)
- ❑ Custom Single _____ Door Tag # _____
- ❑ 72" x 84" (1829 x 2134 mm)
- ❑ Custom Pair _____ Door Tag # _____

GLASS STOP

- ❑ With 1/4" (6 mm) Square Glass Stops
- ❑ With 1/4" (6 mm) Bevel Glass Stops
- ❑ With 1" (25 mm) Glass Stops
- ❑ Other _____

TOP RAIL

- ❑ Standard
- ❑ 3-3/16" (81 mm) - Minimum for OHCC
- ❑ 5-1/2" (140 mm) - No OHCC
- ❑ 6-1/2" (165 mm)
- ❑ 9-1/2" (241 mm)
- ❑ Custom _____

BOTTOM RAIL

- ❑ Standard
- ❑ 3-3/16" (81 mm)
- ❑ 5-1/2" (140 mm)
- ❑ 6-1/2" (165 mm)
- ❑ 7-1/2" (191 mm)
- ❑ 9-1/2" (241 mm)
- ❑ Custom _____

DOOR HINGING

- ❑ Top/Bottom Offset Pivots
- ❑ Intermediate Pivots ❑ DH022 ❑ DH010 Add _____ per Door
- ❑ 1 Pair Butt Hinges
- ❑ Intermediate Butt Hinges Add _____ per Door
- ❑ Center Pivot (Double Acting)
- ❑ Continuous Geared Hinge

LOCKING OPTIONS

- ❑ MS Hookbolt With Two Cylinders - STD
- ❑ Thumbturn in Lieu of Cylinder
- ❑ 3-Point Locking @ Pair With Two Cylinders - STD
- ❑ Lock Indicator
- ❑ Cylinder Guard
- ❑ Flushbolts
- ❑ A.R. Latch/Deadlock
- ❑ A.R. Latchlock
- ❑ A.R. Long Throw Deadlock
- ❑ Paddle Handle
- ❑ A.R. Lever Handle ❑ DH569 ❑ DH021
- ❑ CRL Lever Handle
- ❑ Electric Strike
- ❑ No Locking Hardware

DOOR HARDWARE FINISH

- ❑ Clear Anodized
- ❑ Bronze Anodized
- ❑ Other (Specify) _____

DOOR SWEEP

- ❑ Yes ❑ No
- ❑ Exposed Fasteners
- ❑ Concealed Fasteners

PANIC DEVICES

- ❑ Jackson 1295 Rim Panic - Touchbar - STD
- ❑ Jackson 1285 Concealed Panic - Touchbar - STD
- ❑ Jackson 1095 Rim Panic - Crashbar
- ❑ Jackson 1085 Concealed Panic - Crashbar
- ❑ Jackson 3100 Mid-Panel CVR Panic
- ❑ Falcon 2390 Mid Panel CVR Panic
- ❑ Adams-Rite 8400 Mortise Panic
- ❑ Adams-Rite 8600 Concealed Panic
- ❑ Adams-Rite 8800 Rim Panic
- ❑ CRL - Blumcraft Panic
- ❑ Removable Mullion
- ❑ Custom ❑ by USALUM ❑ by Customer _____

PUSH/PULL HARDWARE

- ❑ Standard Push Bars
- ❑ Standard Push/Pull
- ❑ Offset Pulls
- ❑ None (Supplied by Others)

THRESHOLD

- ❑ None - Specify Bottom Clearance _____
- ❑ 4" (102 mm) - Standard for Center Pivot Doors
- ❑ 4-3/4" (121 mm) - Standard for Offset Pivot, Butt Hinges and Continuous Hinged Doors
- ❑ 5" (127 mm)
- ❑ 7" (178 mm)
- ❑ Custom _____

*MID-PANEL (MUNTIN)

- ❑ 5/8" (16 mm)
- ❑ 2" (51 mm)
- ❑ 4-1/8" (105 mm)
- ❑ 5" (127 mm)
- ❑ 6-3/16" (157 mm)
- ❑ 6-1/2" (165 mm)
- ❑ 7-1/2" (191 mm)
- ❑ 9-1/2" (241 mm)
- ❑ Custom _____

*Dimensions do not include stops

Quote/Order Request Form for Series 250, 400, and 500 Doors, Plus Durafront 800 and 850 Doors

MORE INFORMATION crlaurence.com

NOTE: For quickest lead times and greatest value, specify C.R. Laurence Hardware on all your doors. Visit **crlaurence.com/jackson** for Commercial Door Hardware.

DOOR CLOSER

- ❑ O.H. Concealed (Double Acting)
- ❑ O.H. Concealed (Offset)
- ❑ 90 Degrees ❑ 105 Degrees
- ❑ Hold Open ❑ Yes ❑ No
- ❑ Surface Mount
- ❑ Drop Plate
- ❑ Door Stop/Holder Degree _____
- ❑ No Closer Required

FRAME SYSTEM

Series 400 1-3/4" x 4" (44 x 102 mm)	❑ Tubular	❑ Open Back
Series 450 1-3/4" x 4-1/2 (44 x 114 mm)	❑ Tubular	❑ Open Back
Series 451 2" x 4-1/2" (51 x 114 mm)	❑ Tubular	❑ Open Back
4-1/2" (114 mm) Flush Front	❑ FF450	❑ FF451
6" (152 mm) Flush Front	❑ FF600	❑ FF601

Subframe ❑ 1" x 4-1/2" (25 x 114 mm)

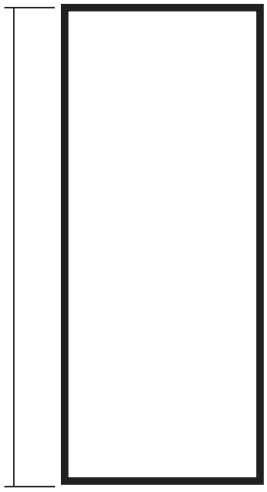
Durafront ❑ 1-3/4" x 4-1/2" (44 x 114 mm) ❑ 2" x 4-1/2" (51 x 114 mm)

FRAME TYPE

- ❑ Up and Over (No Transom)
- ❑ 126" (3.2 m) High With Transom
- ❑ Frame Only
- ❑ Door Only (No Frame)
- ❑ Custom

SPECIAL LOCATION FOR HARDWARE, MUNTIN BARS AND MID-PANELS

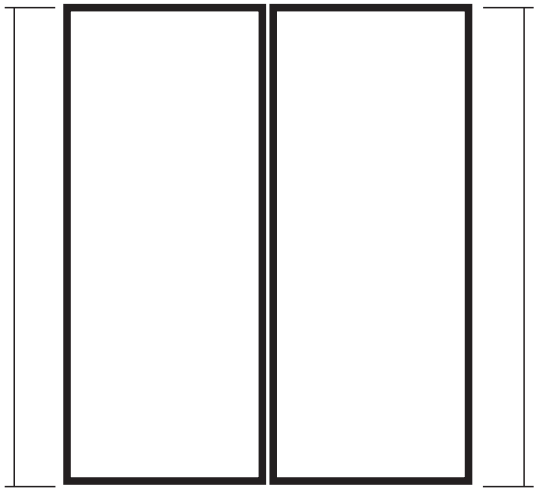
Top of Door



Bottom of Door

Butt Hinges and Offset Pivot

Top of Door



Bottom of Door

Locks, Push/Pulls, Panics, Muntins and Mid-Panels

ADDITIONAL NOTES OR SKETCHES

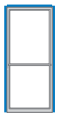
APPROVED BY _____ **DATE** _____

CRL-U.S. Aluminum Stock Size Door Frames

MORE CHOICES crlaurence.com

Series 400 Up/Over Door Frames (For Offset Pivot Applications)

- Standard 1-3/4" x 4" (44 x 102 mm) Frame Size
- Single Door and Double Door Frame Options
- Choose Between Open Back and Tubular Jamb Profiles
- Prepped for Offset Pivots (Not Included)
- Prepped for Standard Lock (Not Included)

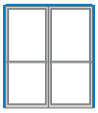


39-1/2" x 85-3/4" (1003 x 2178 mm) Up/Over Frame for Single Door

SERIES 400 SINGLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	HAND*	FINISH
0B11211L36	FR11211L36	Left	Clear Anodized
0B11211R36	FR11211R36	Right	Clear Anodized
0B11222L36	FR11222L36	Left	Bronze Anodized
0B11222R36	FR11222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.

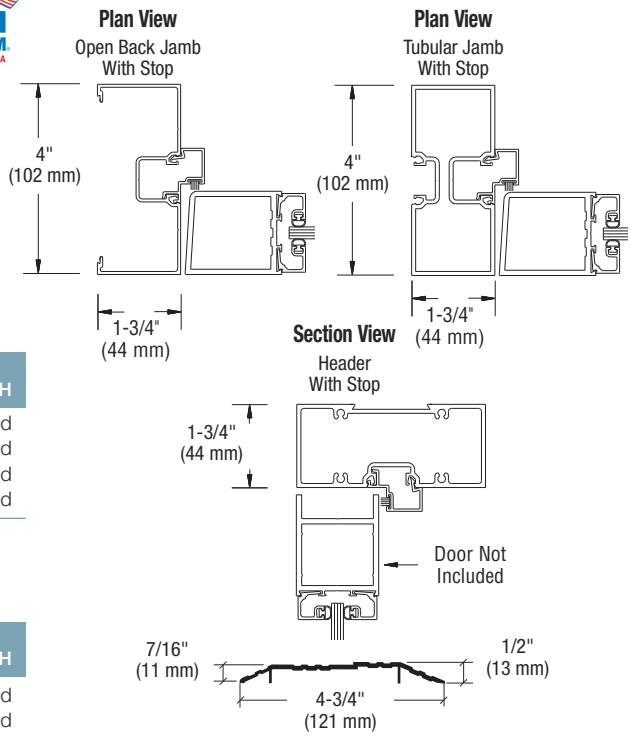


75-1/2" x 85-3/4" (1918 x 2178 mm) Up/Over Frame for Pairs

SERIES 400 DOUBLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	FINISH
0B1221172	FA1221172	Clear Anodized
0B1222272	FA1222272	Bronze Anodized

Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors.
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.



- Includes TH250 Series Threshold

Series 400 Transom Door Frames (For Offset Pivot Applications)

- Standard 1-3/4" x 4" (44 x 102 mm) Frame Size
- Single Door and Double Door Frame Options
- Choose Between Open Back and Tubular Jamb Profiles
- Prepped for Offset Pivots (Not Included)
- Prepped for Standard Lock (Not Included)

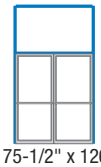


39-1/2" x 126" (1003 x 3200 mm) Transom Frame for Single Door

SERIES 400 SINGLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	HAND*	FINISH
0B31211L36	FR31211L36	Left	Clear Anodized
0B31211R36	FR31211R36	Right	Clear Anodized
0B31222L36	FR31222L36	Left	Bronze Anodized
0B31222R36	FR31222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.



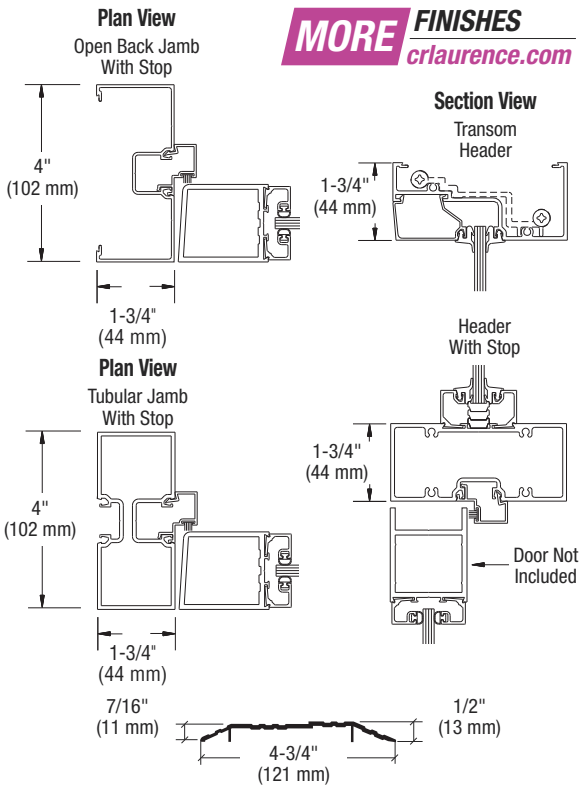
75-1/2" x 126" (1918 x 3200 mm) Transom Frame for Pairs

SERIES 400 DOUBLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	FINISH
0B3221172	FA3221172	Clear Anodized
0B3222272	FA3222272	Bronze Anodized

Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors.
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.

MORE FINISHES crlaurence.com



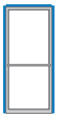
- Includes TH250 Series Threshold

CRL-U.S. Aluminum Stock Size Door Frames

Series 400 Up/Over Door Frames
(For Standard Concealed Vertical Rod Panics)

MORE CHOICES crlaurence.com

- Standard 1-3/4" x 4" (44 x 102 mm) Frame Size
- Single Door and Double Door Frame Options
- Available in Open Back Jamb Profile
- Prepped for Offset Pivots and Concealed Vertical Rod Panic (Not Included)

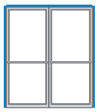


39-1/2" x 85-3/4"
(1003 x 2178 mm)
Up/Over Frame
for Single Door

SERIES 400 SINGLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	HAND*	FINISH
0Z11211L036	Left	Clear Anodized
0Z11211R036	Right	Clear Anodized
0Z11222L036	Left	Bronze Anodized
0Z11222R036	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door. All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side. Custom sizes and other finishes quoted on request.



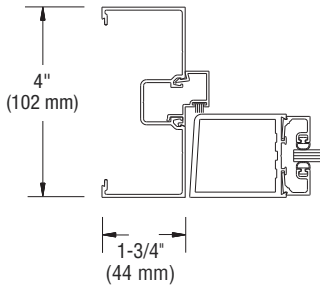
75-1/2" x 85-3/4"
(1918 x 2178 mm)
Up/Over Frame
for Pairs

SERIES 400 DOUBLE DOOR UP/OVER FRAME

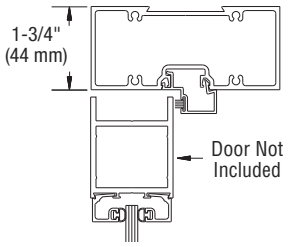
OPEN BACK CAT. NO.	FINISH
0Z1221172	Clear Anodized
0Z1222272	Bronze Anodized

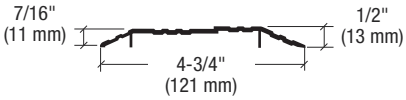
Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors. All Door Frames can be combined for quantity pricing. Custom sizes and other finishes quoted on request.

Plan View
Open Back Jamb With Stop



Section View
Header With Stop



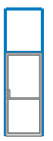


- Includes TH250 Series Threshold

Series 400 Transom Door Frames
(For Standard Concealed Vertical Rod Panics)

MORE FINISHES crlaurence.com

- Standard 1-3/4" x 4" (44 x 102 mm) Frame Size
- Single Door and Double Door Frame Options
- Available in Open Back Jamb Profile
- Prepped for Offset Pivots and Concealed Vertical Rod Panic (Not Included)

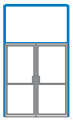


39-1/2" x 126"
(1003 x 3200 mm)
Transom Frame
for Single Door

SERIES 400 SINGLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	HAND*	FINISH
0Z31211L36	Left	Clear Anodized
0Z31211R36	Right	Clear Anodized
0Z31222L36	Left	Bronze Anodized
0Z31222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door. All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side. Custom sizes and other finishes quoted on request.



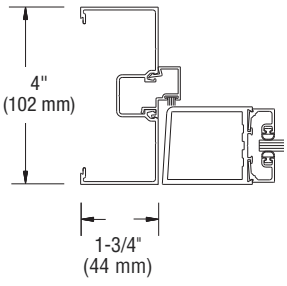
75-1/2" x 126"
(1918 x 3200 mm)
Transom Frame
for Pairs

SERIES 400 DOUBLE DOOR TRANSOM FRAME

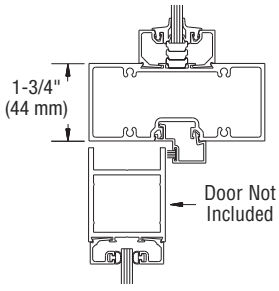
OPEN BACK CAT. NO.	FINISH
0Z3221172	Clear Anodized
0Z3222272	Bronze Anodized

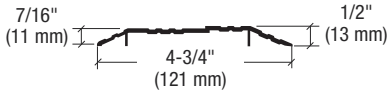
Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors. All Door Frames can be combined for quantity pricing. Custom sizes and other finishes quoted on request.

Plan View
Open Back Jamb With Stop



Section View
Header With Stop





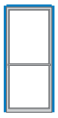
- Includes TH250 Series Threshold

CRL-U.S. Aluminum Stock Size Door Frames

MORE INFORMATION crlaurence.com

Series 450 Up/Over Door Frames (For Offset Pivot Applications)

- Standard 1-3/4" x 4-1/2" (44 x 114 mm) Frame Size
- Single Door and Double Door Frame Options
- Choose Between Open Back and Tubular Jamb Profiles
- Prepped for Offset Pivots (Not Included)
- Prepped for Standard Lock (Not Included)

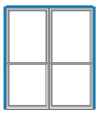


39-1/2" x 85-3/4" (1003 x 2178 mm) Up/Over Frame for Single Door

SERIES 450 SINGLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	HAND*	FINISH
0B41211L36	FR41211L36	Left	Clear Anodized
0B41211R36	FR41211R36	Right	Clear Anodized
0B41222L36	FR41222L36	Left	Bronze Anodized
0B41222R36	FR41222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.

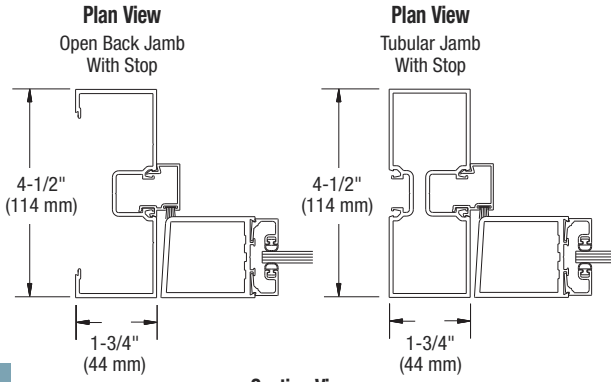


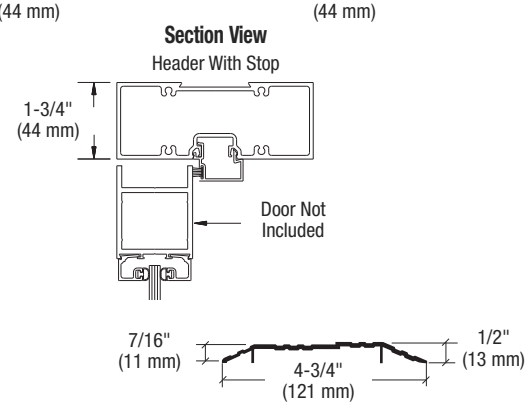
75-1/2" x 85-3/4" (1918 x 2178 mm) Up/Over Frame for Pairs

SERIES 450 DOUBLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	FINISH
0B4221172	FR4221172	Clear Anodized
0B4222272	FR4222272	Bronze Anodized

Minimum order: 1 each. Accomodates 72" x 84" (1829 x 2134 mm) Double Doors.
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.

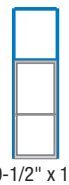




- Includes TH250 Series Threshold

Series 450 Transom Door Frames (For Offset Pivot Applications)

- Standard 1-3/4" x 4-1/2" (44 x 114 mm) Frame Size
- Single Door and Double Door Frame Options
- Choose Between Open Back and Tubular Jamb Profiles
- Prepped for Offset Pivots (Not Included)
- Prepped for Standard Lock (Not Included)

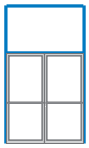


39-1/2" x 126" (1003 x 3200 mm) Transom Frame for Single Door

SERIES 450 SINGLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	HAND*	FINISH
0B61211L36	FR61211L36	Left	Clear Anodized
0B61211R36	FR61211R36	Right	Clear Anodized
0B61222L36	FR61222L36	Left	Bronze Anodized
0B61222R36	FR61222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.



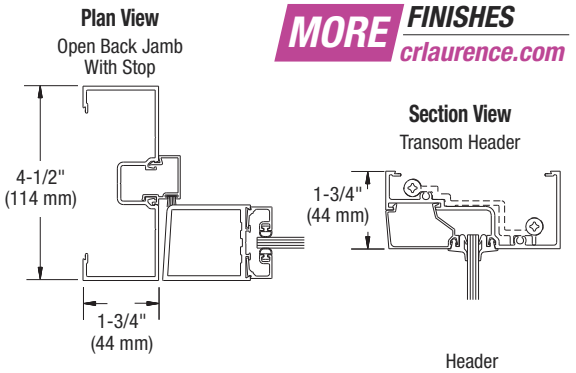
75-1/2" x 126" (1918 x 3200 mm) Transom Frame for Pairs

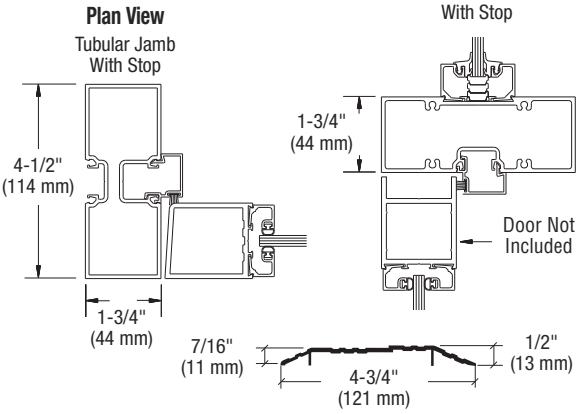
SERIES 450 DOUBLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	FINISH
0B6221172	FR6221172	Clear Anodized
0B6222272	FR6222272	Bronze Anodized

Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.

MORE FINISHES crlaurence.com





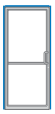
- Includes TH250 Series Threshold

CRL-U.S. Aluminum Stock Size Door Frames

MORE INFORMATION crlaurence.com

Series 450 Up/Over Door Frames (For Butt Hung Applications)

- Standard 1-3/4" x 4-1/2" (44 x 114 mm) Frame Size
- Single Door and Double Door Frame Options
- Available in Open Back Jamb and Tubular Profiles
- Prepped for Standard Lock (Not Included) for Single Doors and Flush Bolts (Not Included) for Double Doors
- Jamb Prepped for Two Butt Hinges (Not Included)

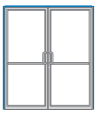


39-1/2" x 85-3/4" (1003 x 2178 mm) Up/Over Frame for Single Door

SERIES 450 SINGLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	HAND*	FINISH
0B41511L36	FR41511L36	Left	Clear Anodized
0B41511R36	FR41511R36	Right	Clear Anodized
0B41522L36	FR41522L36	Left	Bronze Anodized
0B41522R36	FR41522R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.



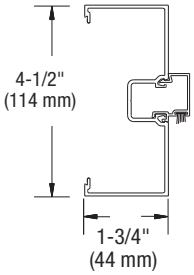
75-1/2" x 85-3/4" (1918 x 2178 mm) Up/Over Frame for Pairs

SERIES 450 DOUBLE DOOR UP/OVER FRAME

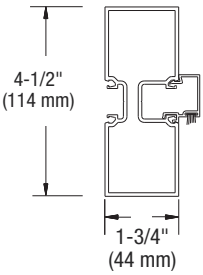
OPEN BACK CAT. NO.	TUBULAR CAT. NO.	FINISH
0B4251172	FR4251172	Clear Anodized
0B4252272	FR4252272	Bronze Anodized

Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors.
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.

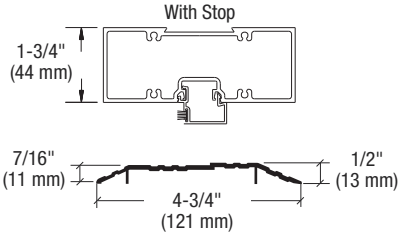
Plan View
Open Back Jamb Detail



Plan View
Tubular Jamb Detail



Section View
Header With Stop



- Includes TH250 Series Threshold

Series 450 Transom Door Frames (For Butt Hung Applications)

- Standard 1-3/4" x 4-1/2" (44 x 114 mm) Frame Size
- Single Door and Double Door Frame Options
- Available in Open Back Jamb and Tubular Profiles
- Prepped for Standard Lock (Not Included) for Single Doors and Flush Bolts (Not Included) for Double Doors
- Jamb Prepped for Two Butt Hinges (Not Included)

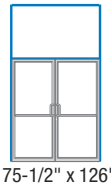


39-1/2" x 126" (1003 x 3200 mm) Transom Frame for Single Door

SERIES 450 SINGLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	HAND*	FINISH
0B61511L36	FR61511L36	Left	Clear Anodized
0B61511R36	FR61511R36	Right	Clear Anodized
0B61522L36	FR61522L36	Left	Bronze Anodized
0B61522R36	FR61522R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.



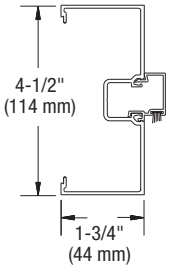
75-1/2" x 126" (1918 x 3200 mm) Transom Frame for Pairs

SERIES 450 DOUBLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	FINISH
0B6251172	FR6251172	Clear Anodized
0B6252272	FR6252272	Bronze Anodized

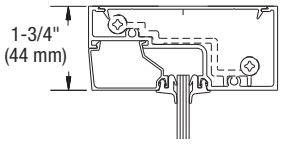
Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors.
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.

Plan View
Open Back Jamb Detail

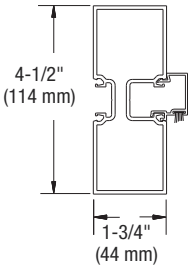


MORE FINISHES crlaurence.com

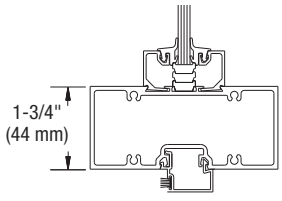
Section View
Transom Header

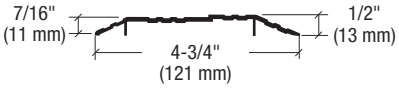


Plan View
Tubular Jamb Detail



Header With Stop





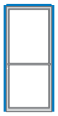
- Includes TH250 Series Threshold

CRL-U.S. Aluminum Stock Size Door Frames

MORE INFORMATION crlaurence.com

Series 450 Up/Over Door Frames
(For Standard Concealed Vertical Rod Panics)

- Standard 1-3/4" x 4-1/2" (44 x 114 mm) Frame Size
- Single Door and Double Door Frame Options
- Available in Open Back Jamb Profile
- Prepped for Offset Pivots and Concealed Vertical Rod Panic (Not Included)

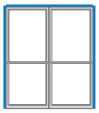


39-1/2" x 85-3/4"
(1003 x 2178 mm)
Up/Over Frame
for Single Door

SERIES 450 SINGLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	HAND*	FINISH
0Z41211L36	Left	Clear Anodized
0Z41211R36	Right	Clear Anodized
0Z41222L36	Left	Bronze Anodized
0Z41222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door. All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side. Custom sizes and other finishes quoted on request.



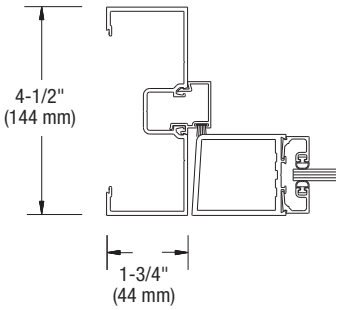
75-1/2" x 85-3/4"
(1918 x 2178 mm)
Up/Over Frame
for Pairs

SERIES 450 DOUBLE DOOR UP/OVER FRAME

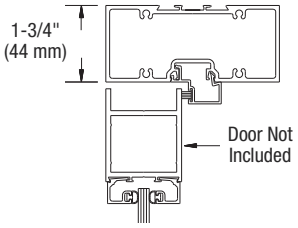
OPEN BACK CAT. NO.	FINISH
0Z4221172	Clear Anodized
0Z4222272	Bronze Anodized

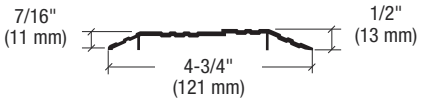
Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors. All Door Frames can be combined for quantity pricing. Custom sizes and other finishes quoted on request.

Plan View
Open Back Jamb
With Stop



Section View
Header
With Stop



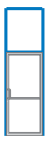


- Includes TH250 Series Threshold

Series 450 Transom Door Frames
(For Standard Concealed Vertical Rod Panics)

MORE FINISHES crlaurence.com

- Standard 1-3/4" x 4-1/2" (44 x 114 mm) Frame Size
- Single Door and Double Door Frame Options
- Available in Open Back Jamb Profile
- Prepped for Offset Pivots and Concealed Vertical Rod Panic (Not Included)

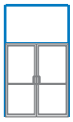


39-1/2" x 126"
(1003 x 3200 mm)
Transom Frame
for Single Door

SERIES 450 SINGLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	HAND*	FINISH
0Z61211L36	Left	Clear Anodized
0Z61211R36	Right	Clear Anodized
0Z61222L36	Left	Bronze Anodized
0Z61222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door. All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side. Custom sizes and other finishes quoted on request.



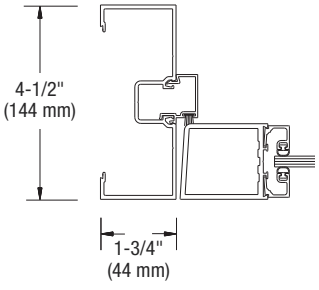
75-1/2" x 126"
(1918 x 3200 mm)
Transom Frame
for Pairs

SERIES 450 DOUBLE DOOR TRANSOM FRAME

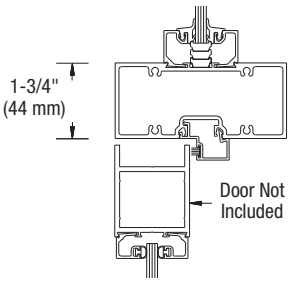
OPEN BACK CAT. NO.	FINISH
0Z6221172	Clear Anodized
0Z6222272	Bronze Anodized

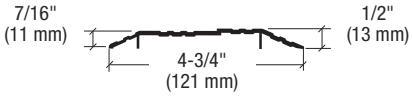
Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors. All Door Frames can be combined for quantity pricing. Custom sizes and other finishes quoted on request.

Plan View
Open Back Jamb
With Stop



Section View
Header With
Stop





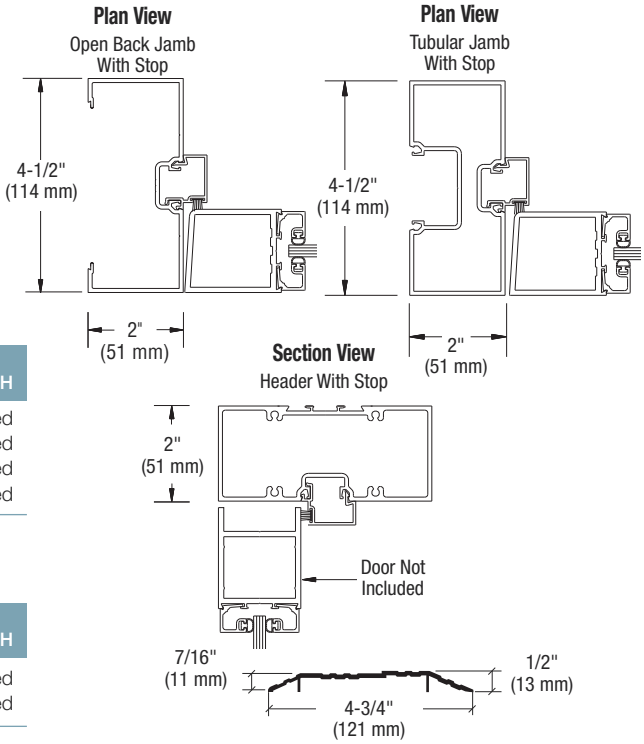
- Includes TH250 Series Threshold

CRL-U.S. Aluminum Stock Size Door Frames

Series 451 Up/Over Door Frames
(For Offset Pivot Applications)

MORE INFORMATION crlaurence.com

- Standard 2" x 4-1/2" (51 x 114) Frame Size
- Single Door and Double Door Frame Options
- Choose Between Open Back and Tubular Jamb Profiles
- Prepped for Offset Pivots (Not Included)
- Prepped for Standard Lock (Not Included)





40" x 86"
(1016 x 2184 mm)
Up/Over Frame
for Single Door

SERIES 451 SINGLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	HAND*	FINISH
0B71211L36	FR71211L36	Left	Clear Anodized
0B71211R36	FR71211R36	Right	Clear Anodized
0B71222L36	FR71222L36	Left	Bronze Anodized
0B71222R36	FR71222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.



76" x 86"
(1930 x 2184 mm)
Up/Over Frame
for Pairs

SERIES 451 DOUBLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	FINISH
0B7221172	FR7221172	Clear Anodized
0B7222272	FR7222272	Bronze Anodized

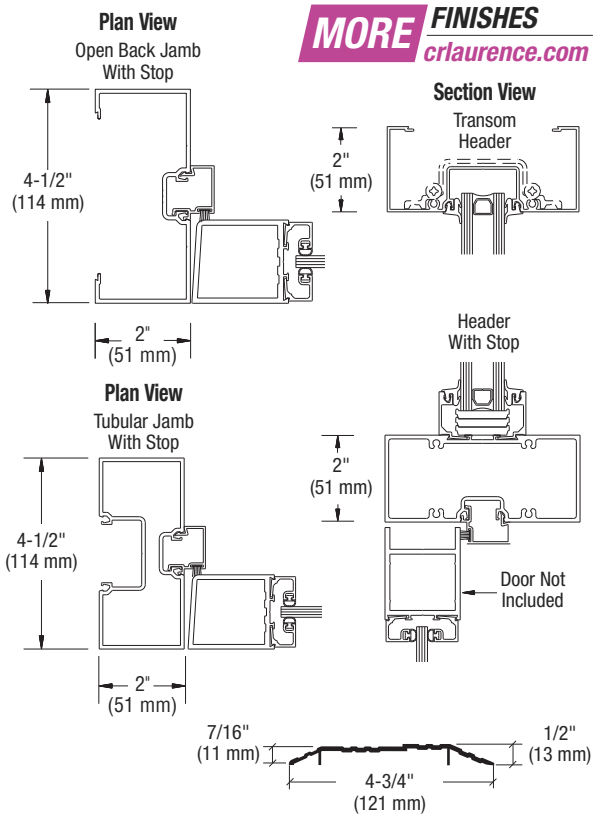
Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors.
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.

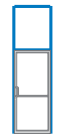
- Includes TH250 Series Threshold

Series 451 Transom Door Frames
(For Offset Pivot Applications)

MORE FINISHES crlaurence.com

- Standard 2" x 4-1/2" (51 x 114) Frame Size
- Single Door and Double Door Frame Options
- Choose Between Open Back and Tubular Jamb Profiles
- Prepped for Offset Pivots (Not Included)
- Prepped for Standard Lock (Not Included)



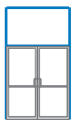


40" x 126"
(1016 x 3200 mm)
Transom Frame
for Single Door

SERIES 451 SINGLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	HAND*	FINISH
0B91211L36	FR91211L36	Left	Clear Anodized
0B91211R36	FR91211R36	Right	Clear Anodized
0B91222L36	FR91222L36	Left	Bronze Anodized
0B91222R36	FR91222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.



76" x 126"
(1930 x 3200 mm)
Transom Frame
for Pairs

SERIES 451 DOUBLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	TUBULAR CAT. NO.	FINISH
0B9221172	FR9221172	Clear Anodized
0B9222272	FR9222272	Bronze Anodized

Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors.
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.

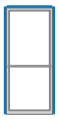
- Includes TH250 Series Threshold

CRL-U.S. Aluminum Stock Size Door Frames

MORE INFORMATION crlaurence.com

Series 451 Up/Over Door Frames
(For Standard Concealed Vertical Rod Panics)

- Standard 2" x 4-1/2" (51 x 114) Frame Size
- Single Door and Double Door Frame Options
- Available in Open Back Jamb Profile
- Prepped for Offset Pivots and Concealed Vertical Rod Panic (Not Included)



40" x 86"
(1016 x 2184 mm)
Up/Over Frame
for Single Door

SERIES 451 SINGLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	HAND*	FINISH
0Z71211L36	Left	Clear Anodized
0Z71211R36	Right	Clear Anodized
0Z71222L36	Left	Bronze Anodized
0Z71222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.

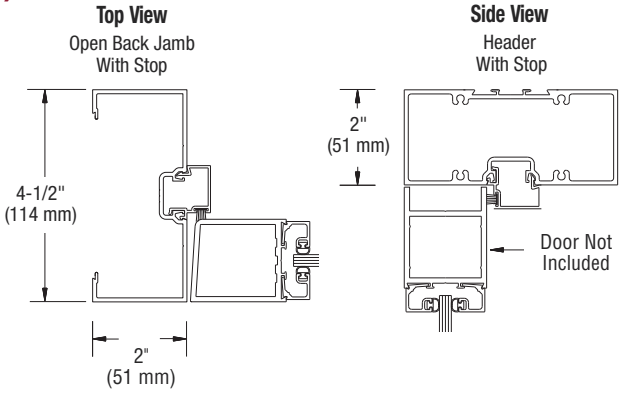


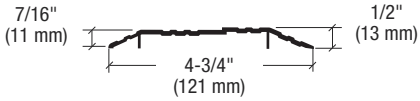
76" x 86"
(1930 x 2184 mm)
Up/Over Frame
for Pairs

SERIES 451 DOUBLE DOOR UP/OVER FRAME

OPEN BACK CAT. NO.	FINISH
0Z7221172	Clear Anodized
0Z7222272	Bronze Anodized

Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors.
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.





- Includes TH250 Series Threshold

Series 451 Transom Door Frames
(For Standard Concealed Vertical Rod Panics)

MORE FINISHES crlaurence.com

- Standard 2" x 4-1/2" (51 x 114) Frame Size
- Single Door and Double Door Frame Options
- Available in Open Back Jamb Profile
- Prepped for Offset Pivots and Concealed Vertical Rod Panic (Not Included)

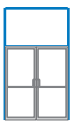


40" x 126"
(1016 x 3200 mm)
Transom Frame
for Single Door

SERIES 451 SINGLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	HAND*	FINISH
0Z91211L36	Left	Clear Anodized
0Z91211R36	Right	Clear Anodized
0Z91222L36	Left	Bronze Anodized
0Z91222R36	Right	Bronze Anodized

Minimum order: 1 each. Accommodates 36" x 84" (914 x 2134 mm) Single Door.
All Door Frames can be combined for quantity pricing. *Handing is viewed from the exterior side.
Custom sizes and other finishes quoted on request.

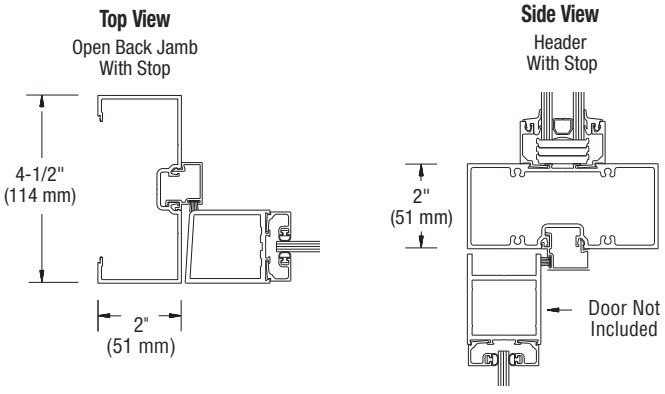


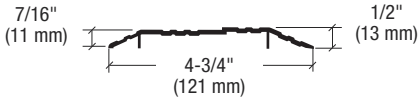
76" x 126"
(1930 x 3200 mm)
Transom Frame
for Pairs

SERIES 451 DOUBLE DOOR TRANSOM FRAME

OPEN BACK CAT. NO.	FINISH
0Z9221172	Clear Anodized
0Z9222272	Bronze Anodized

Minimum order: 1 each. Accommodates 72" x 84" (1829 x 2134 mm) Double Doors.
All Door Frames can be combined for quantity pricing.
Custom sizes and other finishes quoted on request.





- Includes TH250 Series Threshold

Series 1000 Flush Panel Doors

The Series 1000 Flush Panel Door features an extruded aluminum perimeter with foam panel inserts available in several types of facing, typically plain or ribbed aluminum sheet in clear or bronze anodized finishes. It's a functional component that contributes significantly to the durability. Flush Panel Doors are available as a solid door or with optional Vision Lites. Stock or special hardware can be readily adapted for exterior or interior applications. CORNER-LOC® (Patent Pending) mechanically fastened and welded corners contribute to the rugged structural assembly.





Series 1000 Flush Panel
250 Narrow Stile
Offset Hung (Exterior View)

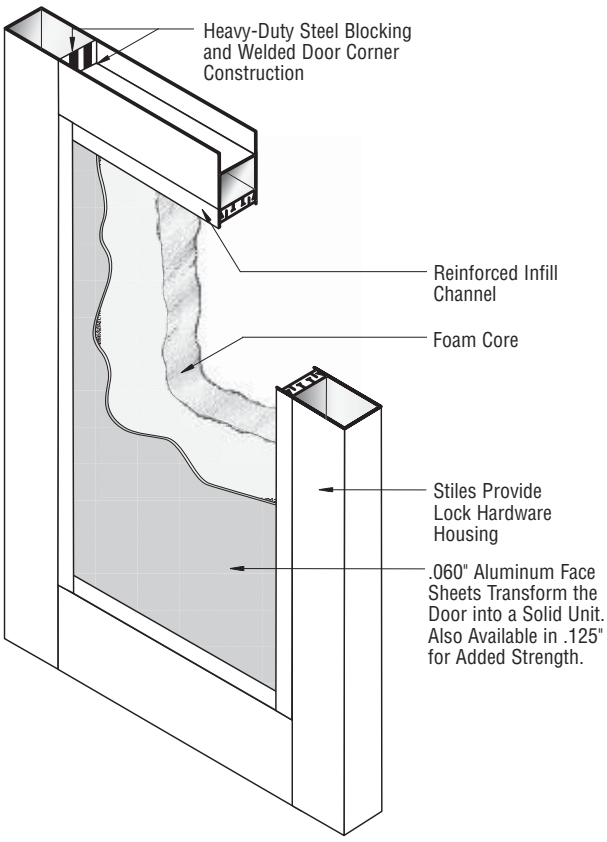
Standard Features:

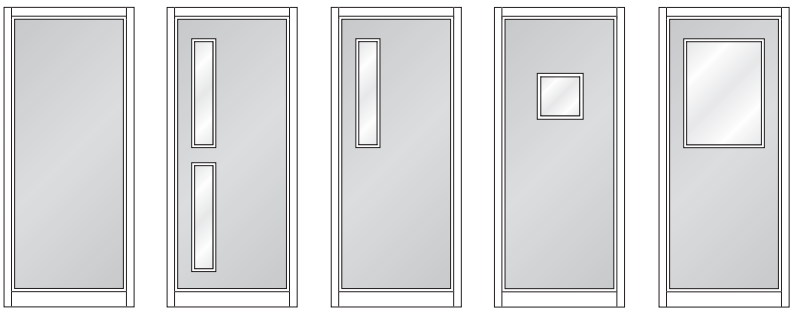
- 1-5/8" (41 mm) Thick Flush Panel with .060" (1.5 mm) Aluminum Outer Panels
- 2" (51 mm) Narrow Stiles
- 2-1/8" (54 mm) Top Rail
- 3-3/16" (81 mm) Bottom Rail
- Offset or Center Hung Door Application
- CORNER-LOC® Mechanically Fastened and Welded Corners
- Maximum Size 48" x 96" (1219 x 2438 mm)

MORE INFORMATION crlaurence.com

Options:

- 1-5/8" (41 mm) Thick Flush Panel with .125" (3.2 mm) Aluminum Outer Panel for Added Strength
- 3-1/2" (89 mm) Medium Stiles or 5" (127 mm) Wide Stiles
- 9-1/2" (241 mm) Bottom Rail
- 1/4" (6 mm) and 1" (25 mm) Thick Vision Lites





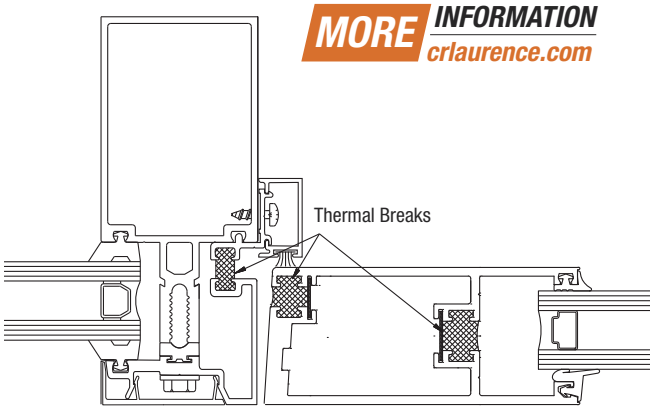
Blank Door | Narrow Lites Top and Bottom | Narrow Lite Top Onlyw | 12" x 12" View Lite | Half Lite

Typical Door Configurations

Thermal Break Technology Featuring the Poly-Aluminizer™ and Lancer™ Methods

U.S. Aluminum engineers thermally improved framing systems to satisfy the increasing demands for energy conservation. This one small, but very important component in our thermally improved framing products addresses several important concerns expressed by various architects, structural engineers, and glazing contractors in our industry.

MORE INFORMATION
crlaurence.com



What About Dry Shrinkage?

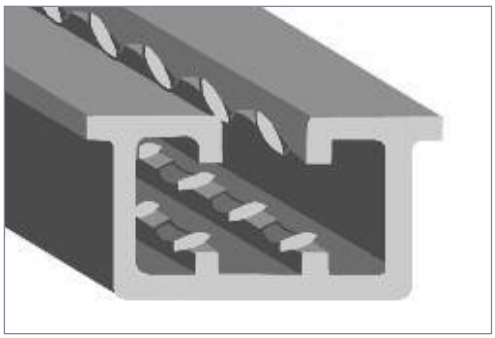
Our response is the Poly-Aluminizer™ and Lancer™ methods which mechanically modifies the aluminum extrusion and effectively improves the adhesive bond between the polyurethane polymer and the surface finish of the aluminum cavity. The Poly-Aluminizer™ accomplishes this through a unique method of abrading the thermal pocket in such a way as to produce a mechanical bond. The Lancer™ process provides mechanical surface conditioning of the extrusion cavity to ensure proper adhesion to difficult finishes. Test results indicate 100% adhesion even on mill finish after 90 cycles in an environmental chamber.



Channel before the process

Fill and Debridge- What About Structural Integrity?

To meet the need to maintain structural integrity, designers should specify U.S. Aluminum framing for a structurally superior thermally improved product. After the aluminum channel has been modified, it is filled with a polyurethane polymer that cures to a rigidity that is equal to or better than that of the aluminum channel. Then we debridge the aluminum channel along its entire length. The structural integrity is maintained while adding the benefits of thermally improved framing.



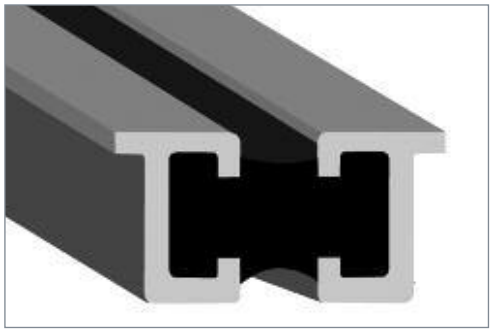
Channel after being mechanically modified

What About CRF Values?

Certified thermal test reports for all U.S. Aluminum products tested in accordance with AAMA 1503.1-88 are available at **crlaurence.com/usal**, or by calling our national toll free number at (800) 262-5151.

Why Take a Chance?

U.S. Aluminum uses the latest thermal break technology and equipment for producing polyurethane thermally improved aluminum framing systems. All thermally improved framing products are manufactured in-house by U.S. Aluminum technicians and tested in accordance with AAMA-A8-1990. Our products are backed by the people and technology of an organization where innovation and reliability create a proven standard of excellence.



Channel is filled with polyurethane then debridged for thermal break

Series 650-T, 700-T, and 750-T
High Performance Thermal Entrance Doors

CRL US ALUMINUM MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com

- Superior Thermal Performance
- 2-1/2", 3-1/2", and 4-1/2" (64, 89, 108 mm) Stiles Available
- Optional Foam Insulation to Provide Extremely Low U-Factors Ranging From 0.57 to 0.31 and Higher CRF Rating
- NFRC Rated
- Includes Glass Stops for 1" (25 mm) Glazing With Optional Glass Stops for 1-1/2" (38 mm) Triple Glazing
- Choice of Standard or A.D.A. Access Bottom Rails
- Lifetime Warranty on Mechanically Fastened and Welded CORNER-LOC® Corner Construction

Our Series 650-T, 700-T, and 750-T High Performance Thermal Entrance Door is filled and debridged with a Polyurethane Polymer Thermal Break, and mechanically fastened and welded at the corners with the patent pending CORNER-LOC® technology, offering one of the best thermal properties available in commercial entrance doors. All doors offer clean lines and are supplied with push/pull hardware and maximum security locks. These entrance doors can easily accommodate a wide variety of custom hardware for specific job requirements. An optional 10" (254 mm) bottom rail is available for A.D.A. requirements. Certified thermal test reports for all U.S. Aluminum products tested in accordance with AAMA 1503.1-88 are available at **crlaurence.com/USAL**, upon request from any of our service centers, or by calling our national toll free number at (800) 262-5151.



650-T Narrow Stile | 700-T Medium Stile | 750-T Wide Stile

• See Quote/Order Form on Pages US035-US036



Standard Features:

Rails - 2-1/4" (57 mm) deep and thermally broken, providing high performance thermal isolation.

Glass Stops - Pressure type glass stops with bulb weatherstrip glazing gaskets permit time saving installation of 1" (25 mm) thick glass standard. Optional glass stops for 1-1/2" (38 mm) triple glazing infills are available. Setting blocks for glass are preset at the factory.

Adjustable Leveling Screw - A simple adjustment on the leveling screw, concealed in the top rail of the door, compensates for minor variances in door openings after installation.

Adjustable Astragal - All pairs of doors come with spring-loaded fully adjustable dual weathered thermally broken astragals for optimum air resistance. Binding or gaps at the meeting stiles can be easily corrected by simple adjustments. The full length dual weatherstripping on the astragal is not interrupted by the deadlock.

Hinging Hardware - Offset Pivots, Butt Hinges or Continuous Geared Hinge.

Door Sweeps - All door panels come with two door sweeps supplied loose for exterior and interior surface mount application with concealed fasteners.

Accessories:

Door Closers

Exposed Overhead (Surface Mounted)

Concealed Overhead with Offset Arm (Requires Special Top Rail)

Panic Exit Devices

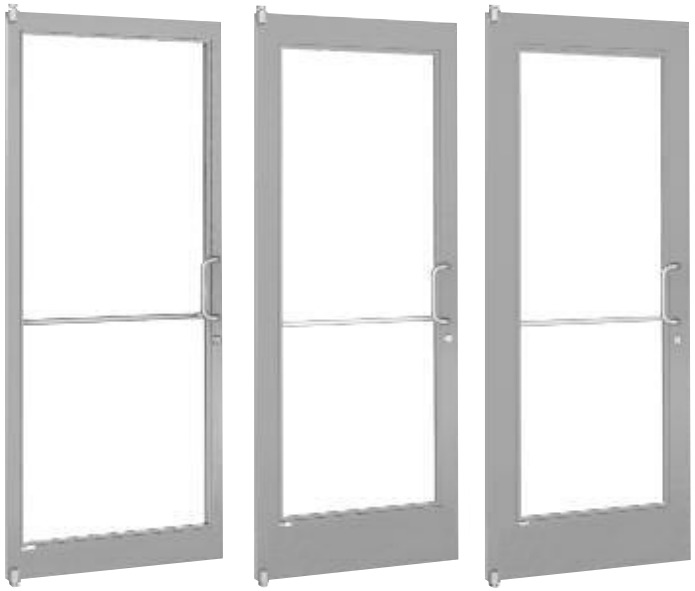
Conventional Push Pad

SERIES	STILES	TOP RAIL	BOTTOM RAIL	APPLICATIONS
650-T NARROW STILE	2-1/2" (64 mm)	2-1/2" (64 mm)	3-7/8" (98 mm)	Light to Moderate Traffic
700-T MEDIUM STILE	3-1/2" (89 mm)	3-1/2" (89 mm)	6-1/2" (165 mm)	Moderate to Heavy Traffic
750-T WIDE STILE	4-1/4" (108 mm)	4-1/4" (108 mm)	6-1/2" (165 mm)	Heavy Traffic
A.D.A. Bottom Rail Option			10" (254 mm)	A.D.A.

Series 250-T, 400-T, and 550-T Thermal Entrance Doors

MORE INFORMATION crlaurence.com

- Thermally Broken
- 3", 4-1/4", and 5-1/2" (76, 108, 140 mm) Stiles Available for Exterior Applications
- Prepped for Offset Pivots or 1-1/2 Pair of Butt Hinges (Door Closer Not Included)
- Choice of Standard or A.D.A. Access Bottom Rails
- Lifetime Warranty on Mechanically Fastened and Welded CORNER-LOC® Corner Construction
- Clear Anodized and Bronze Anodized Standard
- Custom Finishes Available on Request



250-T Narrow Stile | 400-T Medium Stile | 550-T Wide Stile

Our Series 250-T, 400-T, and 550-T Thermal Entrance Doors provide high thermal resistance by utilizing a two glass stop design. Polyamide Nylon thermal break and mechanically fastened corners with the patent pending CORNER-LOC® technology offer one of the best thermal properties available in commercial entrance doors. All doors offer clean lines and are supplied with push/pull hardware and maximum security locks. These entrance doors can easily accommodate a wide variety of custom hardware for specific job requirements. An optional 10" (254 mm) bottom rail is available for A.D.A. requirements. Certified thermal test reports for all U.S. Aluminum products tested in accordance with AAMA 1503.1-88 are available at **crlaurence.com/USAL**, upon request from any of our service centers, or by calling our national toll free number at (800) 262-5151.

• See Quote/Order Form on Pages US035-US036

Standard Features:

Glass Stops - Pressure type glass stops with E.P.D.M. glazing gaskets permit time saving installation of glass. Glass stops are for 1" (25 mm) infills. Setting blocks for glass are preset at the factory.

Adjustable Leveling Screw - A simple adjustment on the leveling screw, concealed in the top rail of the door, compensates for minor variances in door openings after installation.

Adjustable Astragal - All pairs of doors come with spring-loaded fully adjustable dual weathered astragals for optimum air resistance. Binding or gaps at the meeting stiles can be easily corrected by simple adjustments. The full length dual weatherstripping on the astragal is not interrupted by the deadlock.

Hinging Hardware - Offset Pivots for single acting doors or Butt Hinges for single acting doors.

Accessories:

Door Closers

Exposed Overhead (Surface Mounted)

Concealed Overhead with Offset Arm (Requires Special Top Rail)

Floor Mounted

Panic Exit Devices

Conventional Push Pad



SERIES	STILES	TOP RAIL	BOTTOM RAIL	APPLICATIONS
250-T NARROW STILE	3" (76 mm)	2-7/8" (73 mm)	4-5/16" (110 mm)	Light to Moderate Traffic
400-T MEDIUM STILE	4-1/4" (108 mm)	4-5/16" (110 mm)	7-1/4" (184 mm)	Moderate to Heavy Traffic
550-T WIDE STILE	5-1/2" (140 mm)	6" (152 mm)	7" (178 mm)	Heavy Traffic
A.D.A. Bottom Rail Option			10" (254 mm)	A.D.A.

Quote/Order Request Form for Series 250-T, 400-T, 550-T, Thermal Doors, Plus 650-T, 700-T, and 750-T High Performance Doors

Company Name _____ Phone # _____

Contact _____ Account No. _____ Fax # _____

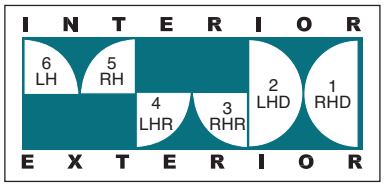
Job Name _____ Email _____

Fax Completed Checklist to U.S. Aluminum Technical Sales at (866) 262-3299. Then call to discuss: (800) 262-5151 in the U.S. and Canada or (323) 268-4230 (International). Ask for Extension 5305. This form is also available online at crlaurence.com/usal-forms.

❑ QUOTE ❑ ORDER P.O. # _____

SERIES	STANDARD PROFILE DIMENSIONS STILES	TOP RAIL	BOTTOM RAIL
250-T NARROW STILE THERMAL	3" (76 mm)	2-7/8" (73 mm)	4-5/16" (110 mm)
400-T MEDIUM STILE THERMAL	4-1/4" (108 mm)	4-5/16" (110 mm)	7-1/4" (184 mm)
550-T WIDE STILE THERMAL	5-1/2" (140 mm)	6" (152 mm)	7" (178 mm)
650-T NARROW STILE HIGH PERFORMANCE	2-1/2" (64 mm)	2-1/2" (64 mm)	3-7/8" (98 mm)
700-T MEDIUM STILE HIGH PERFORMANCE	3-1/2" (89 mm)	3-1/2" (89 mm)	6-1/2" (165 mm)
750-T WIDE STILE HIGH PERFORMANCE	4-1/4" (108 mm)	4-1/4" (108 mm)	6-1/2" (165 mm)

DOOR SWING CHART



Use the Door Swing Chart to determine how the door(s) should be handed.

DOOR STILE

Thermal Entrance Doors
- ❑ 250-T Narrow
- ❑ 400-T Medium
- ❑ 550-T Wide

High Performance Entrance Doors
- ❑ 650-T Narrow
- ❑ 700-T Medium
- ❑ 750-T Wide

DOOR SWING — QTY

- ❑ LHR Hinge Left Swing Out _____ ea.
- ❑ RHR Hinge Right Swing Out _____ ea.
- ❑ LH Hinge Left Swing In _____ ea.
- ❑ RH Hinge Right Swing In _____ ea.
- ❑ PAIR Swing In _____ ea.
- ❑ PAIR Swing Out _____ ea.

DOOR FINISH

- ❑ 11 - Clear Anodized Class II - Standard
- ❑ 22 - Dark Bronze Anodized Class II - Standard
- ❑ 12 - Clear Anodized Class I
- ❑ 33 - Black Anodized Class I
- ❑ 44 - Custom Anodized Class I - Specify Color _____
- ❑ 52 - Bone White 70% Kynar (2-Coat)
- ❑ 71 - Standard 70% Kynar (2-Coat) Standard Color per Chart
- ❑ 71 - Custom 70% Kynar (2-Coat) - Specify _____
- ❑ 88 - Custom 70% Kynar (3-Coat) - Specify _____

DOOR OPENING SIZE

- ❑ 36" x 84" (914 x 2134 mm)
- ❑ Custom Single _____ Door Tag # _____
- ❑ 72" x 84" (1829 x 2134 mm)
- ❑ Custom Pair _____ Door Tag # _____

GLASS STOP

- ❑ With 1" (25 mm) Glass Stops
- ❑ With 1-1/2" (38 mm) Glass Stops

TOP RAIL

- ❑ Standard
- ❑ Custom _____

BOTTOM RAIL

- ❑ Standard
- ❑ 10" (254 mm) A.D.A. Compliant
- ❑ Custom _____

DOOR HINGING

- ❑ Top/Bottom Offset Pivots
- ❑ Intermediate Pivots ❑ DH022 ❑ DH010 Add _____ per Door
- ❑ 1 Pair Butt Hinges
- ❑ Intermediate Butt Hinges Add _____ per Door
- ❑ Continuous Geared Hinge

LOCKING OPTIONS

- ❑ MS Hookbolt With Two Cylinders - STD
- ❑ Thumbturn in Lieu of Cylinder
- ❑ 3-Point Locking @ Pair With Two Cylinders - STD
- ❑ Lock Indicator
- ❑ Cylinder Guard
- ❑ Flushbolts
- ❑ A.R. Latch/Deadlock
- ❑ A.R. Latchlock
- ❑ A.R. Long Throw Deadlock
- ❑ Paddle Handle
- ❑ A.R. Lever Handle ❑ DH569 ❑ DH021
- ❑ CRL Lever Handle
- ❑ Electric Strike
- ❑ No Locking Hardware

DOOR HARDWARE FINISH

- ❑ Clear Anodized
- ❑ Bronze Anodized
- ❑ Other (Specify) _____

*DOOR SWEEP

- ❑ Yes ❑ No
- ❑ Exposed Fasteners
- ❑ Concealed Fasteners

*BW200 Door Sweeps Standard On Series 650-T, 700-T, and 750-T (2 per leaf)

PANIC DEVICES

- ❑ Jackson 1295 Rim Panic - Touchbar - STD
- ❑ Jackson 1285 Concealed Panic - Touchbar - STD
- ❑ Jackson 1095 Rim Panic - Crashbar
- ❑ Jackson 1085 Concealed Panic - Crashbar
- ❑ Jackson 3100 Mid-Panel CVR Panic
- ❑ Falcon 2390 Mid Panel CVR Panic
- ❑ Adams-Rite 8400 Mortise Panic
- ❑ Adams-Rite 8600 Concealed Panic
- ❑ Adams-Rite 8800 Rim Panic
- ❑ CRL - Blumcraft Panic
- ❑ Removable Mullion
- ❑ Custom ❑ by USALUM ❑ by Customer _____

PUSH/PULL HARDWARE

- ❑ Standard Push/Pull
- ❑ Offset Pulls
- ❑ None (Supplied by Others)

THRESHOLD

- ❑ None - Specify Bottom Clearance _____
- ❑ 4-3/4" (121 mm) - Standard for Offset Pivot, Butt Hinges and Continuous Hinged Doors
- ❑ 5" (127 mm)
- ❑ 7" (178 mm)
- ❑ Custom _____

*MID-PANEL (MUNTIN) — FOR SERIES

- ❑ 2-1/8" (54 mm) 250-T, 400-T, and 550-T
- ❑ 9-1/4" (235 mm) 250-T, 400-T, and 550-T
- ❑ 2-1/2" (63 mm) 650-T, 700-T, and 750-T
- ❑ 6" (156 mm) 650-T, 700-T, and 750-T
- ❑ Custom _____

*Dimensions do not include stops

DOOR CLOSER

- ❑ O.H. Concealed (Offset)
- ❑ 90 Degrees ❑ 105 Degrees
- ❑ Hold Open ❑ Yes ❑ No
- ❑ Surface Mount
- ❑ Drop Plate
- ❑ Door Stop/Holder Degree _____
- ❑ No Closer Required

Quote/Order Request Form for Series 250-T, 400-T, 550-T, Thermal Doors, Plus 650-T, 700-T, and 750-T High Performance Doors

NOTE: For quickest lead times and greatest value, specify C.R. Laurence Hardware on all your doors. Visit **crlaurence.com/jackson** for Commercial Door Hardware.

FRAME SYSTEM

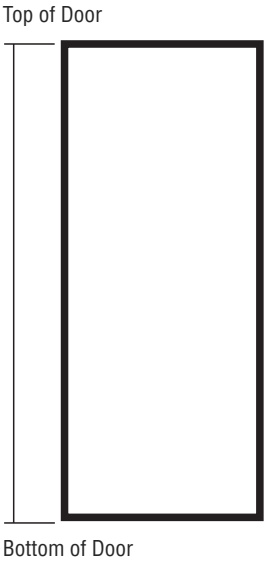
Series IT451 2" x 4-1/2" (51 x 114 mm)	❑ Tubular	❑ Open Back
Series FT451 Flush Front 2" x 4-1/2" (51 x 114 mm)	❑	
Series FT601 Flush Front 2" x 6" (51 x 152 mm)	❑	
Subframe 1" x 4-1/2" (25 x 114 mm)	❑	

FRAME TYPE

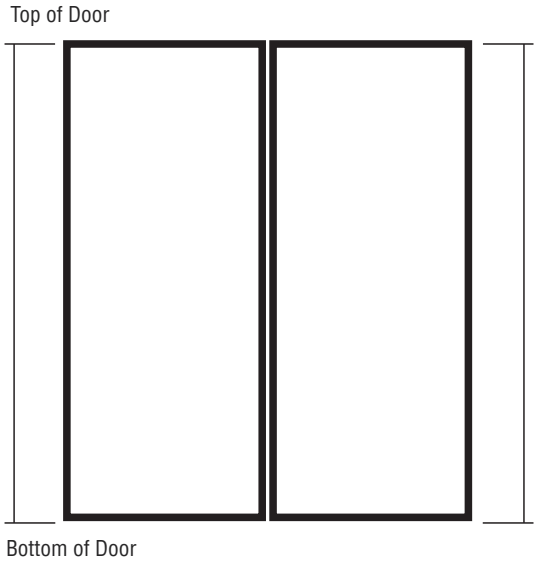
- ❑ Up and Over (No Transom)
- ❑ 126" (3.2 m) High With Transom
- ❑ Frame Only
- ❑ Door Only (No Frame)
- ❑ Custom

MORE INFORMATION crlaurence.com

SPECIAL LOCATION FOR HARDWARE, MUNTIN BARS AND MID-PANELS



Butt Hinges and Offset Pivot



Locks, Push/Pulls, Panics, Muntins and Mid-Panels

ADDITIONAL NOTES OR SKETCHES

APPROVED BY _____ **DATE** _____

CRL-U.S. Aluminum Series 900 Terrace Doors

MORE INFORMATION
crlaurence.com

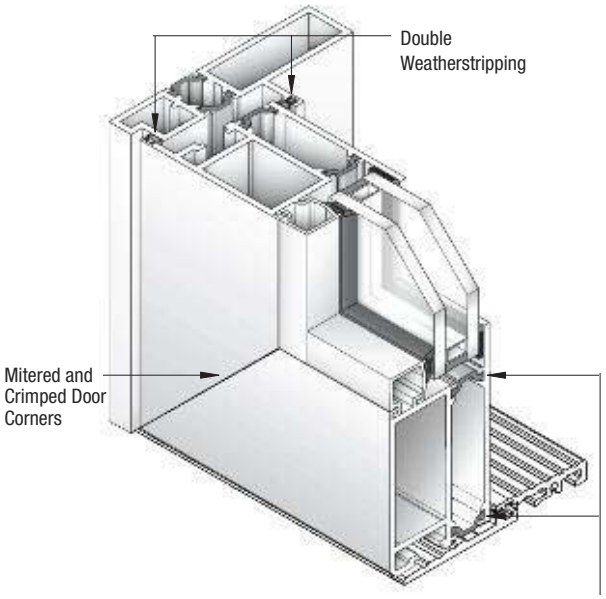
CRL US ALUMINUM
MANUFACTURED IN THE USA





Series 900 Out-Swing Terrace Door
(Interior View)

For additional information go to **crlaurence.com/entrances** or contact CRL-U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can also email us through our web site at **crlaurence.com/support**.



Door and Frame Thermally Broken with Double Glass Reinforced Polyamide Strips

• Three Lever Handle Styles With 12 Finish Options



Manor | Heritage | Estate

CRL-U.S. Aluminum Series 2000 Sliding Doors

- Designed for Interior Applications
- Adjustable Tandem Steel Rollers
- Various Combinations of Sliding and Pocket Panels are Available
- Accommodates 1/4" (6 mm) or 1" (25 mm) Glazing

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com

The Series 2000 Sliding Door is a multi-track entrance designed for interior applications only. This multi-track slider is engineered with stacking head channels and bottom tracks allowing multi-slider combinations. Rugged overall construction, coupled with heavy wall stiles and interlocks, create a truly monumental sliding unit. Doors are equipped with flush finger pulls, hooklocks, and lock cylinders. Adjustable tandem rollers and floor track with stainless steel caps ensure smooth operation and durability.

Various combinations of sliding and pocket door panels can accommodate many design plans. Floor tracks can be installed recessed or surface applied. Each sliding door has two tandem steel ball bearing rollers to provide smooth operation and years of service.

NOTE: An intermediate horizontal muntin should be installed in panels with perimeters exceeding 24 feet (7.3 m).





For more Office Partitions see pages US142-US152.

SERIES	STILES	TOP RAIL	BOTTOM RAIL	GLAZING INFILL	APPLICATIONS
2000	2-1/16" (52 mm)	2-1/8" (54 mm)	3-3/16" (81 mm)	1/4" (6 mm) or 1" (25 mm)	Shopping Malls, Office Partitions, Auto Dealerships

CRL-U.S. Aluminum Series 3000 High Performance Sliding Doors

MORE INFORMATION crlaurence.com

- Available as OX, XO, OXO, OXXO and Multi-Pocket Doors
- Accommodates 1" and 1-1/4" (25 and 32 mm) Insulating Glass
- Optional Thermally Improved Compensating Head and Jamb Channels
- Available in Block or Fin Frame
- Multi-Point Locking System
- Tested to AAMA LC-PG25-SD, CW-PG-SD, and CW-PG60-SD for High Performance

2014 READERS CHOICE US Glass METAL & GLAZING MAGAZINE

USE INSULATING TEMPERED GLASS

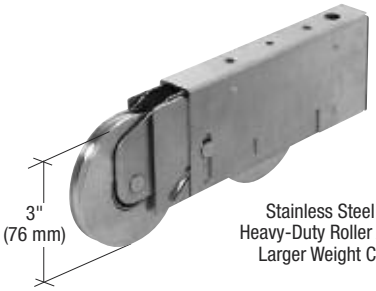




Our Series 3000 High Performance Sliding Door is an elegant high performance thermal multi-track sliding door designed for exterior applications. This high performance slider is designed for either fin or block frame applications, and has thermally broken stacking head channels and bottom tracks to provide exceptional thermal performance, allowing for multi-slider combinations. It's rugged overall construction coupled, with heavy wall stiles and interlocks, create a truly monumental thermal sliding unit. Doors are equipped with multi-point locking system, heavy-duty adjustable tandem rollers, and floor track with stainless steel caps to ensure smooth operation during years of service.

Various combinations of sliding and pocket door panels can accommodate many design plans. The unique design of our 3000 Sliding Door is capable of having separate interior and exterior finishes, optional extruded screens, and factory glazing.

NOTE: An intermediate horizontal muntin should be installed in panels with perimeters exceeding 24 feet (7.3 m).



Stainless Steel 3" (76 mm) Heavy-Duty Roller Assembly Provides Larger Weight Carrying Capacity

SERIES	STILES	TOP RAIL	BOTTOM RAIL	GLAZING INFILL	APPLICATIONS
3000	3-1/16" (78 mm)	1-11/16" (43 mm)	3-7/16" (87 mm)	1" (25 mm) or 1-1/4" (32 mm)	Condominiums, Lofts, Hotels, and Apartments

CRL-U.S. Aluminum Series BAL-350 Storm Front™ Terrace Doors

- Hurricane Resistant Entrances
- Formerly Delta Doors

MORE INFORMATION crlaurence.com

The BAL-350 Hurricane Resistant Balcony/Terrace Door is elegantly designed for high rise applications such as hotels, condominiums, and office buildings. Tested for both small and large missile impact resistance, as well as for air, water, and structural performance. The BAL-350 meets Miami-Dade County, Florida requirements with the highest level of quality. With the growing need for a commercial impact resistant product in the residential market, the BAL-350 by CRL/U.S. Aluminum has topped the list for single terrace and balcony doors.

For additional information go to **crlaurence.com/hurricane-resistant** or contact our Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can also email us at **usalum@crlaurence.com**.



Series BAL-350 Impact Resistant
Out-Swing Balcony/Terrace Door
(Exterior View)

NOA: 12-0405.08 Out-Swing Large Missile
NOA: 12-0505.09 Small Missile



Designer Latch Lock

Storm Front™

STANDARD FEATURES:

- Factory Pre-Glazed With Structural Silicone
- Maximum Panel Size: 42" x 108" (1067 x 2743 mm)
- Heavy Commercial Grade
- Maximum Frame Height: 120" (3048 mm), Including Transom
- 4-7/16" (113 mm) Top Rail and 8" (203 mm) Bottom Rail
- 3" (76 mm) High Water Threshold
- Heavy-Duty Internal Corner Clips
- 1" x 5" (25 x 127 mm) or 1-3/4" x 5" (45 x 127 mm) Door Frame
- 0.125" (3.2 mm) Nominal Wall Thickness, Door and Frame
- 1-1/2 Pair of 4" x 4-1/2" (102 x 114 mm) Mortised Aluminum Butt Hinges With Non-Removable Stainless Steel Hinge Pins for Door Opening Heights Up to 84" (2137 mm)
- Two Pairs of 4" x 4-1/2" (102 x 114 mm) Mortised Aluminum Butt Hinges With Non-Removable Stainless Steel Hinge Pins for Door Opening Heights Greater Than 84" (2137 mm)
- Double Rows of Weather Seals
- Stainless Steel Four-Point Locking System, Including Latch Lock and Deadbolt Lock, With Shoot-Bolts Top and Bottom
- Solid Brass Lever Handle
- Non-Removable Interior Glass Stops
- Wet Glazing Method

OPTIONS:

- Custom Finishes: AAMA 2605 Compliant Painted Finishes
- Concealed Overhead Closers
- Surface Mounted Heavy-Duty Closers
- Large Missile 9/16" (14 mm) VS Laminated Impact Glass
  Laminated Glass Composition:
  1/4" (6 mm) Heat Strengthened Glass
  0.075" VS02 Interlayer;
  1/4" (6 mm) Heat Strengthened Glass
- Small Missile 9/16" (14 mm) PVB Laminated Impact Glass
  Laminated Glass Composition:
  1/4" (6 mm) Heat Strengthened Glass;
  0.090" PVB Interlayer;
  1/4" (6 mm) Heat Strengthened Glass
- Open for Glazing by Customer
- Glass Tint Available as Selected by the Architect/Owner
- Designer Latch Lock Hardware Finishes: Black, Brushed Aluminum, Brushed Brass, Matte Aluminum, Polished Brass, Polished Chrome, and White

CRL-U.S. Aluminum Series DH-350 Storm Front™ Doors

- **Hurricane Resistant Entrances**
- **Formerly Delta Doors**

MORE INFORMATION crlaurence.com

The DH-350 is a High Performance Hurricane Resistant Storefront Entrance Door designed for all commercial entrance applications including retail space, hotels, condominiums, office buildings, institutional facilities, and industrial structures. The DH-350 complies with the stringent requirements of Florida's Miami-Dade County Building Codes, making it the top choice for installation in areas battered by hurricanes. The DH-350 is intended to be installed in punched openings or as a liner frame within other CRL-U.S. Aluminum Impact Framing Systems.

For additional information go to **crlaurence.com/hurricane-resistant** or contact our Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can also email us at **usalum@crlaurence.com**.

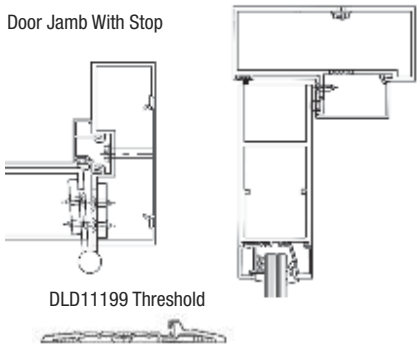


Series DH-350 Hurricane Resistant In-Swing
Medium Stile Entrance Door (Exterior View)
NOA: 12-0406.01 In-Swing



Series DH-350 Hurricane Resistant Out-Swing
Medium Stile Entrance Door (Exterior View)
NOA: 12-0406.03 Out-Swing

Storm Front™



STANDARD FEATURES:

- Factory Pre-Glazed With Structural Silicone
- Standard Panel Sizes: 36" x 84" (914 x 2134 mm) for Single Doors
  72" x 84" (1829 x 2134 mm) for Pairs of Doors
  36" x 96" (914 x 2438 mm) for Single Doors
  72" x 96" (1829 x 2438 mm) for Pairs of Doors
- Heavy Commercial Grade
- 8" (203 mm) Bottom Rail
- Heavy-Duty Internal Corner Clips
- 1" x 5" (25 x 127 mm) or 1-3/4" x 5" (45 x 127 mm) Door Frame
- 0.125" (3.2 mm) Nominal Wall Thickness, Door, and Frame
- 1-1/2 Pair of 4" x 4-1/2" (102 x 144 mm) Mortised Aluminum Butt Hinges with Non-Removable Stainless Steel Hinge Pins for 3070 / 6070 Doors
- Two Pairs of 4" x 4-1/2" (102 x 144 mm) Mortised Aluminum Butt Hinges with Non-Removable Stainless Steel Hinge Pins for 3080 / 6080 Doors
- Double Rows of Weather Seals
- DLD11199 Aluminum Threshold
- Three-Point Locking System with Cylinder and Thumbturn Included
- Standard 1" (25 mm) Round US28 Finish Push/Pull Set
- Non-Removable Interior Glass Stops
- Wet Glazing Method
- Three Color Option

OPTIONS:

- Custom Finishes: AAMA 2605 Compliant Painted Finishes
- Concealed Overhead Closers
- Exposed Heavy-Duty Closer for Coastal and High Wind Zones
- Glass Tint Available as Selected by the Architect/Owner
- CRL/Jackson Concealed Panic Exit Device
- Open for Glazing by Customer
- Glass: Large Missile 9/16" (14 mm) Laminated Impact Glass 0.090" Interlayer SGP by Dupont; Glass Composition: 1/4" (6 mm) Heat-Strengthened Glass with 0.090" SentryGlas® Plus Interlayer and 1/4" (6 mm) Heat-Strengthened Glass

SentryGlas is a registered trademark of E.I. du Pont de Nemours and Company.

CRL-U.S. Aluminum Series IG500 and IG600 Storm Front™ Doors

- **Hurricane Resistant Entrances**
- **Series IG500 For 9/16" (14 mm) Glazing**
- **Series IG600 For 1-5/16" (33 mm) Glazing**

MORE INFORMATION crlaurence.com

These High Performance Hurricane Resistant Storefront Entrance Doors are designed for all commercial entrance applications including retail space, hotels, condominiums, office buildings, institutional facilities, and industrial structures. Both the IG500 and IG600 Storm Front™ Doors comply with the stringent requirements of Florida's Miami-Dade County Building Codes, making them the top choice for installation in areas battered by hurricanes. The IG500 and IG600 are intended to be installed in punched openings or as liner frames within other CRL-U.S. Aluminum Impact Framing Systems.

For additional information go to **crlaurence.com/hurricane-resistant** or contact our Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can also email us at **usalum@crlaurence.com**.



Storm Front™ Hurricane Resistant
Out-Swing Medium Stile
Entrance Door (Exterior View)

Storm Front™

STANDARD FEATURES:

- Standard Panel Sizes: 37" x 84" (940 x 2134 mm) for Single Door
  72" x 84" (1829 x 2134 mm) for Pairs of Doors
- Series IG500 - Glass Stops for 9/16" (14 mm) Glass (Glass to be Supplied by Customer)
- Series IG600 - Glass Stops for 1-5/16" (33 mm) Glass (Glass to be Supplied by Customer)
- 4-11/16" (119 mm) Top Rail for Surface Mount Closer
- 7-5/16" (186 mm) Bottom Rail
- Mechanically Fastened and Welded Corners
- 1-1/2 Pair of 4" x 4-1/2" (102 x 114 mm) Mortised Stainless Steel Butt Hinges with Non-Removable Hinge Pins
- Hook Bolts and Cylinders on Singles. Flush Bolts on Pairs of Doors
- Standard, 1" (25 mm) Diameter Solid Aluminum Push/Pull Set
- Gaskets Included

OPTIONS:

- Three-Point Locking System
- Custom Finishes:
  AAMA 2605 Compliant Painted Finishes
- Concealed Overhead Closers
  (Requires Special Top Rail)
- 10" (254 mm) A.D.A. Bottom Rail
- CRL-Jackson® Concealed Panic
  Exit Device



CRL-U.S. Aluminum Series BT601, BR604 and BR606 Defender Doors

- **Blast Resistant Entrances for 1-5/16" (33 mm) Glazing**
- **Tested in Accordance With DoD,GSA, and ASTM Protocols**

MORE INFORMATION crlaurence.com

BT601, BR604, and BR606 Blast Resistant Entrance Systems are engineered and successfully tested to withstand blast pressures of 1 to 6 psi. These unique Entrance Systems utilize our Storm Front™ Entrance and feature screw spline assembly for panel erection, insulating glass siliconed in place, high performance subsill, and steel reinforced mullions. Made in the U.S.A.

For additional information go to **crlaurence.com/blast-mitigation** or contact our Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. You can email us at **usalum@crlaurence.com**.

DEFENDER
BLAST MITIGATION PRODUCTS



Tested to Withstand Blast Pressure of 1 to 6 PSI



Defender Series Blast Resistant
Out-Swing Entrance Door (Exterior View)

• Threshold Choices



Low Profile
Air Resistant Threshold



High Performance
Water Resistant Threshold

A Low Profile Air Resistant Threshold is offered for installations that have soffit overhangs greater than the entrance frame height. High Performance Water Resistant Thresholds are offered to provide superior water and air management, along with ramps to meet A.D.A. requirements.

SERIES	BLAST LOAD	STILES	TOP RAIL	BOTTOM RAIL	APPLICATIONS
BT601 BR604 BR606	1 PSI 4.4 PSI 6.0 PSI	4-5/8" (117.5 mm)	4-11/16" (119 mm)	7-5/16" (186 mm)	Entrances Requiring Blast Mitigation
A.D.A. Bottom Rail Option				10" (254 mm)	A.D.A.



Fulton Center Subway Complex, Lower Manhattan, NY.

Balanced Doors and Entrances

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com

- Neutralizes Wind and Stack Pressure for Easy Operation
- Requires Less Operating Space Than Conventionally Hinged Doors
- "Barrier Free Door"; Meets A.D.A. Requirements Without Power Operators
- Manufactured to Withstand the Most Demanding Design Requirements
- Provides Strength and Durability Throughout Years of Heavy Use
- For Doors Weighing Up to 700 Pounds (318 kg)
- Automatic Operators Available With Premium Series Only
- Fast Turn-Around Times
- 10 Year Warranty

Value-minded construction and growing urbanization constantly drive the demand for better-performing, economically viable entrance systems. CRL-U.S. Aluminum welcomes this challenge, introducing the latest edition to our extensive line of door systems, Balanced Doors.

CRL-U.S. Aluminum Balanced Doors deliver an entrance solution that is rugged, performance-driven, and truly remarkable. Manufactured to withstand the most demanding design requirements, Balanced Doors are ideally suited for commercial projects with monumental entrances requiring oversized, heavy doors. Not only do they require less operating space than conventionally hinged doors, they also qualify as a "barrier free" door, meeting A.D.A. requirements without power operators, and allow for the easy operation of doors weighing up to 700 pounds (318 kg).

Our comprehensive selection of Balanced Doors and Entrances offers a variety of options that will fit any budget. Our advanced production capacity affords us the ability to offer Balanced Door options at prices and lead times competitive with standard commercial entrance doors. Our custom fabrication capabilities, dedicated engineering staff, and honed craftsmanship permit endless possibilities in design, finish, and functionality.

We are pleased to introduce you to our new line of Balanced Doors; a collection that effectively demonstrates the performance and craftsmanship you've come to expect from the globally-recognized leader in innovative entrance solutions – CRL-U.S. Aluminum.

What is a Balanced Door?

In a Balanced Door the door panel rotates around a rolling pivot in an elliptical path to provide the widest possible opening with the smallest swing arc (see diagram below). This design neutralizes two naturally occurring pressures, atmospheric (wind) and interior stack pressure, allowing effortless opening and positive closing. Balanced Doors are typically required when a commercial project has a monumental entrance, requiring an oversized, heavy door. The 'balanced' principle permits the use of these monumental doors where ordinary closer mechanisms would fail to offer adequate control.

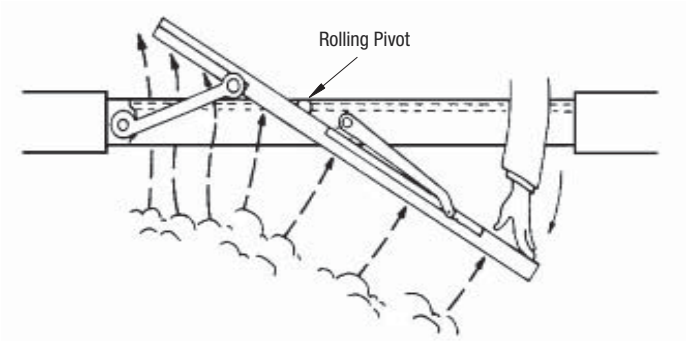
CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS

MORE INFORMATION crlaurence.com



Balanced Door Design Offers Many Advantages



When our Balanced Doors open, approximately two thirds of the door swings outward while one third swings inward, allowing wind or stack pressure to assist rather than hinder the operation of the door. Air pressure balances itself out around the rolling pivot, so less force is needed to operate the door.

WIND	BALANCED DOOR WITH 5 LBS. SPRING PRESSURE	REGULAR DOOR WITH 5 LBS. SPRING PRESSURE
m.p.h.	lbs. pressure to open	lbs. pressure to open
10	1 + 5 = 6 lbs.	3 + 5 = 8 lbs.
20	3 + 5 = 8 lbs.	11 + 5 = 16 lbs.
30	7 + 5 = 12 lbs.	26 + 5 = 31 lbs.
40	13 + 5 = 18 lbs.	47 + 5 = 52 lbs.
50	21 + 5 = 26 lbs.	73 + 5 = 78 lbs.
60	30 + 5 = 35 lbs.	105 + 5 = 110 lbs.

Balanced Door Mechanics

The door pivots on two single-piece cast bronze or stainless steel arms located at the top and bottom of the door. These are attached to a pivoting hinge tube that runs the entire height of the door. The hinge tube contains a torsion bar that provides the closing force for the door, and is connected to a hydraulic checking device located in the header, and a tension adjusting gear box at the sill.







Balanced Door Types



'All Glass'
Frameless



Aluminum Stile + Rail
Full-Framed



Formed Bronze / Steel
Full-Framed Monumental



ARCHITIZER A+AWARDS FINALIST 2014

Balancer™ Series 'All Glass' Frameless Balanced Doors and Frames

- Available With 4", 6" or 10" (102, 152 or 254 mm) Tall Square Profile Door Rails
- Six Standard Architectural Finishes, With Custom Finishes Available
- Maximum Door Size is 48" Wide x 108" High (1219 x 2743 mm)

CRL-U.S. Aluminum Balancer™ 'All Glass' Frameless Balanced Doors offer all of the perfomance benefits of a standard Balanced Door without compromising the improved aesthetics offered by 'All Glass' entrances and storefronts. CRL-U.S. Aluminum Balancer™ 'All Glass' Frameless Balanced Doors come completely glazed with either 1/2" or 3/4" (12 or 19 mm) fully tempered glass, and are available with or without mini vertical stiles. 4" (102 mm) or 6" (152 mm) rails top and bottom are required, with optional 10" (254 mm) bottom rails to meet A.D.A. requirements. Balanced Door packages are available with concealed or exposed vertical tubes, and are 'install ready' when shipped. There is no additional cutting or prepping required, simply install the header or frame, hang the pre-glazed door panel(s) and make a few final adjustments to complete your installation.

KYNAR is a registered trademark of Autofina Chemicals, Inc.

Balancer™ Series Extruded Aluminum Balanced Doors and Frames

CRL US ALUMINUM MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com

- The Affordable Balanced Door for Budget-Sensitive Jobs
- 6063-T5 Alloy Available in Clear or Dark Bronze Anodized and Powder Coat, Newlar, and KYNAR® Finishes
- Cladding Options in Polished, Brushed, and Non-Directional Stainless Steel or Bronze, and Oil Rubbed Bronze
- Maximum Door Size is 48" Wide x 108" High (1219 x 2743 mm)

USE MONOLITHIC TEMPERED GLASS

CRL-U.S. Aluminum Balancer™ Extruded Aluminum Standard Balanced Doors and Frames offer the look of a Formed Monumental Door at the cost of a clad aluminum door. Balancer™ Series Aluminum Balanced Doors are fabricated from tubular aluminum extrusions with a wall thickness of 3/16" (5 mm). The door features job-tested, mechanically fastened and welded corner construction to provide long-lasting performance and durability. CRL-U.S. Aluminum offers narrow, medium, and wide stile doors with a minimum bottom rail height of 6" (152 mm). The Balancer™ Series features rugged 6063-T5 alloy stiles and rails available in clear or dark bronze anodized finishes. Custom powder coat, Newlar, and Kynar® finishes are also available, as well as cladding options in nine finishes. CRL-U.S. Aluminum can complete your opening by providing matching frames, storefronts, and curtain walls, creating a cohesive, architecturally pleasing entrance. These entrances can easily accommodate a wide variety of stock and custom hardware for specific job requirements.





Premium Series Formed Bronze Monumental Balanced Doors and Frames

CRL US ALUMINUM MANUFACTURED IN THE USA

MORE INFORMATION crlaurence.com

- Alloy 464 Naval Bronze Available in Polished, Brushed, Non-Directional, and Oil Rubbed Finishes
- Ribbon Accent Lines and Custom Infill Shapes Available
- Automatic Operator Available
- Maximum Door Size is 50" Wide x 120" High (1270 x 3048 mm)

CRL-U.S. Aluminum Premium Series Formed Bronze Monumental Balanced Doors and Frames are constructed of 13 gauge Alloy 464 Naval Bronze, providing superior strength and excellent corrosion resistance. All doors are custom designed and engineered to your specifications. Our in-house ability to create custom ribbon accents, embossed patterns, and custom ornamental infill shapes yield virtually limitless design options. State of the art waterjet technology ensures precision cuts without heat affected zones or markings.

NOTE: Stile width is 2" (51 mm) with a minimum top rail height of 3-1/2" (89 mm) and a minimum bottom rail height of 6" (152 mm). Available in polished, brushed, non-directional and oil rubbed finishes.

Premium Series Formed Stainless Steel Monumental Balanced Doors and Frames

USE MONOLITHIC TEMPERED GLASS

- Alloy 304 or 316 Stainless Steel Available in Polished, Brushed and Non-Directional Finishes
- Standard 'Crisp' Corner Construction
- Ribbon Accent Lines and Custom Infill Shapes Available
- Automatic Operator Available
- Maximum Door Size is 50" Wide x 120" High (1270 x 3048 mm)

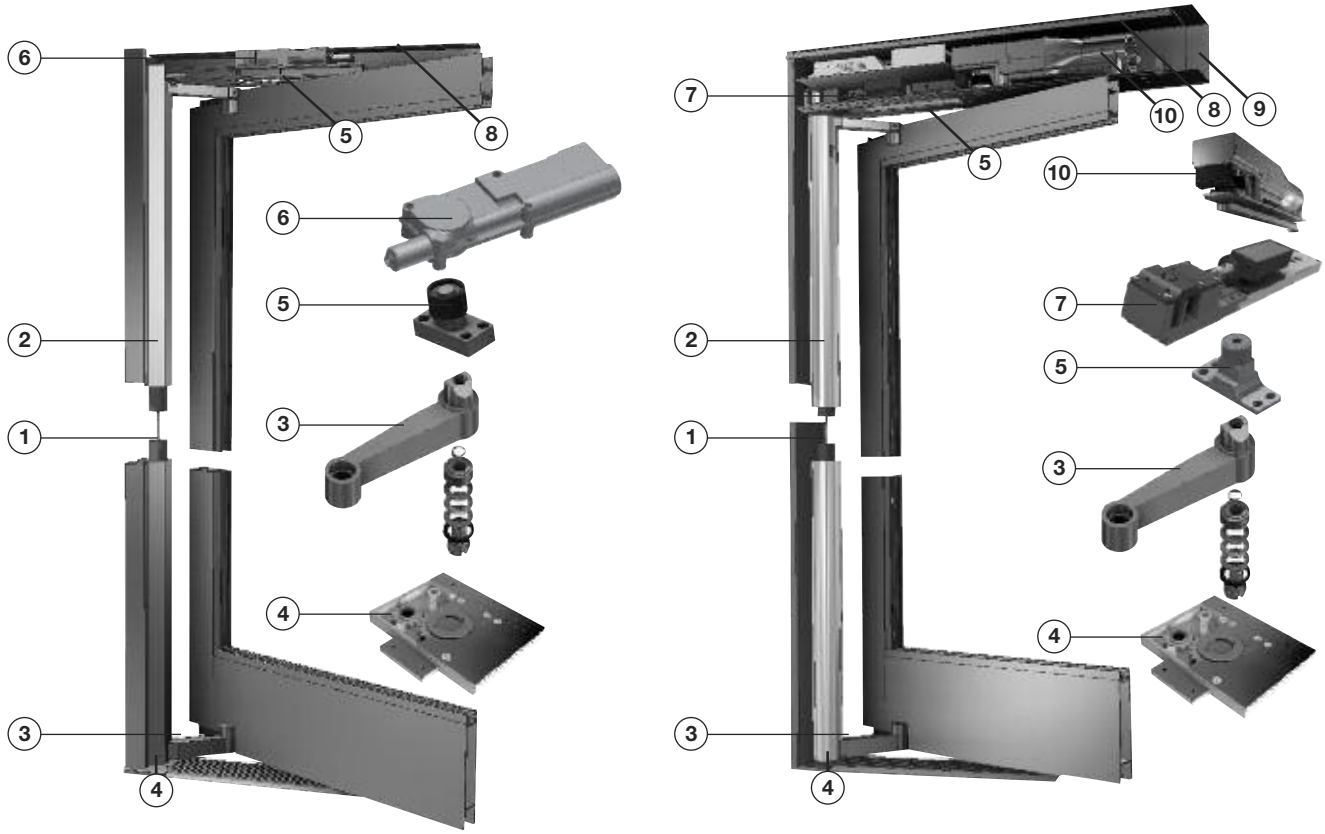
Discerning architects specify the CRL-U.S. Aluminum Premium Series when the project demands an entrance that makes a bold statement. The pinnacle of performance and aesthetics, CRL-U.S. Aluminum Premium Series Formed Stainless Steel Monumental Balanced Doors provide clean lines, detailed articulation, and superb operation. Premium Series Formed Stainless Steel Monumental Balanced Doors and Frames are constructed from 13 gauge Alloy 304 or 316 stainless steel to ensure structural integrity and long-lasting performance.

With our laser cutting capabilities we can produce practically any infill panel or overlay with clean oxide and burr free cut edges, giving architects and designers the freedom to create any custom design.

NOTE: Stile width is 2" (51 mm) with a minimum top rail height of 3-1/2" (89 mm) and a minimum bottom rail height of 6" (152 mm). Available in polished, brushed, and non-directional finishes.



Anatomy of Balanced Doors (Side-By-Side Comparison)



#	COMPONENT DESCRIPTION	BALANCER™	PREMIUM
1	**HINGE TUBE** - Cold drawn butt weld carbon steel tube to support tall or heavy doors. Covered with corrosion resisting sleeve. Optional metal sleeve in matching finish for exposed hinge tube construction.	✓	✓
2	**HINGE TUBE JAMB** - Hinge tube jambs may be of contemporary narrow line or traditional box shape. May be exposed or concealed in the mullion.	✓	✓
3	**ARMS AND PIVOTS** - High strength wrought metal finished to architectural specifications. Pivot bearings rated to easily support a door weighing up to 700 lbs. (318 kg). Arms are field replaceable in case of damage.	✓	✓
4	**GEAR BOX** - Self-aligning, anti-friction bearings and gears can support a weight of 2330 lbs. (1057 kg), and handle a radial load of 3400 lbs. (1542 kg).	✓	✓
5	**BALANCING GUIDE ROLLER** - Rigidly mounted, yet self aligning to overcome any misalignment between door and frame. Sturdy and maintenance free.	✓	✓
6	**HYDRAULIC CHECK** - Completely concealed in the header. Dependable and easy to adjust without removing hardware or covers. A hydraulic back check cushions the limiting point of the door swing.	✓	
7	**CAST BRONZE HYDRAULIC CHECK** - Completely concealed in the header. Has first and second speed adjustment. Removable without requiring the removal of the door.		✓
8	**COMPACT HEADER** - Header with integral guide roller track, requires only 2-7/8" x 4-1/2" (73 x 114 mm) above door to house the Hydraulic Check.	✓	✓
9	**FORMED DOORS AND FRAMES** - Solid and welded stainless steel and brass monumental doors and frames, formed to custom dimensions and constructed to ensure structural integrity and long lasting performance.		✓
10	**OPTIONAL MOTORIZED OPERATOR** - Heavy-duty (low energy) concealed overhead electromechanical power operator with control box, conforming to ANSI/BHMA A156.19. Motor permanent magnet, DC 3/16 HP (minimum), 1.25 AMP, 120V AC, UL listed. Adjustable slow opening speed and adjustable time delay.		✓

Series BP100 Balanced Door Panic Handles by Blumcraft

USE MONOLITHIC TEMPERED GLASS

The First of its Kind. A Code-Compliant Panic Device Exclusively Designed for Balanced Doors, Brought to You by the Industry Standard for Access Control Handles

CRL-Blumcraft Balanced Door Panic Handles were created to meet the building code requirements for Balanced Doors, while maintaining an excellent appearance. The building code states that the push pad shall not extend more than one-half the width of the door measured from the latch side, and this creates an undesirable appearance.

Our Series BP100 has a fixed handle portion that extends toward the hinge side of the door, with a clearly defined push pad handle portion at the latch side of the door. This wider handle has greatly improved aesthetics over a handle that only spans one-half of the door's width. Yet another fine example of C.R. Laurence's commitment to meeting building code requirements, while at the same time delivering the beautiful hardware that our architectural customers demand.





CRL-Blumcraft Series BP100 Panic Handles for Balanced Doors comply with Section 1008.1.9 of both IBC and NYC Building Codes.

CRL-Blumcraft Series BP100 Features

- Specifically Designed for Balanced Doors
- UL, ULC, and ANSI/BHMA Certified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available on Special Order
- Custom Sizes Ship Within Two Weeks

Blumcraft of Pittsburgh is a member of the C.R. Laurence family of companies. An icon in the architectural metal and glass industry, Blumcraft has been designing, manufacturing, and delivering high quality products to the architectural metal and glass industry for over 95 years. The company's tempered glass doors, panic hardware, hand rails, and display doors are well known to architects, contractors, and installers in their building trades.

Blumcraft metalwork elements have been installed in more than 80,000 buildings throughout the world, including the White House, the Smithsonian Institute, the Metropolitan Museum of Art, the Louvre in Paris, and many other prestigious buildings.

INNOVATIVE DESIGN • SUPERB CRAFTSMANSHIP •

BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.



Entice® Series Entrance System

NEW!

CRL US ALUMINUM MANUFACTURED IN THE USA

US Patent No. 9,074,413

MORE INFORMATION crlaurence.com



- 1-1/8" (29 mm) Ultra Narrow Vertical Stiles and Mullions With a System Depth of Only 2-1/2" (64 mm)
- Accommodates 1" (25 mm) Insulating Glass
- Thermally Broken Cladding
- Optional 2-5/8" (67 mm) Narrow Stiles for Door Stile Mounted Panic Exit Device Compatibility
- Works With Blumcraft® Panic, Deadbolt and Electronic Egress Handles
- Meets the Requirements of AAMA SFM-1-14
- U-Factors as Low as 0.33
- Meets ASHRAE 90.1 Air Infiltration and Thermal Performance Requirements
- Optional High Performance Reduced Sound Transmission Door Seal Kits
- Handle Hardware Floats on the Glass via Specialized Through-Glass Fittings
- Optional Integrated LED Lighting System
- Complete Entrance System Including, Corners, Thresholds, Wall and Doorway Jambs, Vertical Mullions, and Fixed Lite Rails
- Header Adapter Integrates With USAL Storefronts and Curtain Walls

Premium storefronts have one purpose…entice passersby to enter your business through the expression of success, and persuade them that within the business a higher level of quality can be found.

The CRL-U.S. Aluminum Entice Series Entrance System was created to exceed demanding building code and energy conservation requirements while maintaining an elegant appearance. Entice has very slender vertical lines and the unique ability to support handle hardware on 1" (25 mm) insulating glass with a "floating on air" appearance, making Entice a perfect match for our equally elegant Blumcraft® Access Handles.

The Entice® System has a depth of only 2-1/2" (64 mm), is clad with finely finished materials of your choice, and does not have break lines where common doors would have removable stops. Entice® has an impressive pedigree, endowed with field-proven CRL technologies, as well as two patent pending innovations that assure enhanced performance, durability, and reliability.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

Entice® Series Entrance System

NEW!

CRL US ALUMINUM MANUFACTURED IN THE USA

US Patent No. 9,074,413

USE INSULATING TEMPERED GLASS

• Premium Appearance With Enhanced Performance, Reliability, and Durability

Standard Door Features:

Door Rails - Patent Pending Seal-Loc mechanically clamping seals that eliminate the need for glass stops and makes broken glass replacement simple. Precision mechanism controls clamping force of the E.P.D.M. glazing gasket against the insulating glass, and the door rails are thermally broken. Door rails include the CRL Kwik-Adjust™ Jamb Alignment System and setting blocks that are pre-installed at the factory. AAMA 101 Performance Class LC-PG25-SHD

Door Stiles - Patent Pending vertical stiles have very narrow sightlines wrapped with thermally broken cladding. The Very High Bond Tape applied mounting strips install quickly while the integrated clamping system provides controlled holding force against the insulating glass. Clamping force can be released for door rack adjustment via the door rail integrated leveling screw. The stiles have removable covers for access to the Kwik-Adjust™ Jamb Alignment System.

CORNER-LOC® Technology – Precision corner alignment and resistance to torsion is achieved with an interlocking shear block that engages the door rail and stile with a close fit. For more information on CORNER-LOC®, see page US002.

Quiet Fin Seals - Meets ASHRAE 90.1 Air Infiltration requirements and provides water management without making undesirable noises.

Narrow Stile Option – Door can be configured with 2-5/8" (67 mm) width stiles to accommodate stile mounted emergency exit devices when two-point locking is desirable.

Accessories:

Pivot Hardware
- Center Pivots
- Offset Pivots for single acting doors

Door Closers
- Concealed Overhead (Offset Arm Type Used with Offset Top Pivot)
- Exposed Overhead (Interior Office)
- Floor Mounted

Panic Exit Devices and Handles
- Blumcraft® Panic Exit Devices with many exterior pull configurations
- Electronic Egress Handles
- Deadbolt Handles

CRL Push/Pull Handles
- Standard Configurations
- Custom Configurations

CRL Locking Ladder Pulls
- Many styles available in standard and custom lengths

Maximum Recommended Door Size:
- 15 PSF wind load 42" W X 120" H (1067 x 3048 mm).
- 20 PSF wind load 42" W X 108" H (1067 x 2743 mm).

Convey a More Dramatic Entrance by Specifying the Entice® Lighting System

• Attractive and Safe Low Voltage LED Lighting

NEW!

Normal storefront entrances fade to gray when the sun goes down, but accent lighting will generate interest at all hours. The Entice® Lighting System is flush mounted and uses low voltage LED modules for safety and long life on both doors and sidelites.

- Fully Integrated, Prewired and Serviceable
- Low Voltage for Safety
- Large Range of Emitted Light Colors Available
- LED Modules Resistant to Harsh Weather Conditions
- Visible During Daylight Hours
- Accent Lighting Can Be Applied Along the Bottom or Top and Bottom
- Electricity is Transferred Through Pivot, Eliminating Exposed Conduits
- LED Modules are Concealed Behind a Flush Lens



Series E1200 Elephant Doors

MORE INFORMATION
crlaurence.com

USE MONOLITHIC TEMPERED GLASS

VIDEO

- Series 400 Medium Stile Aluminum Doors
- Accommodates 1/4" or 1" (6 or 25 mm) Glazing
- Up to 6' (1.8 m) Wide x 14' (4.2 m) Tall Operable Bays
- Available in Clear, Dark Bronze, or Black Anodized Finishes
- Also Available in Standard U.S. Aluminum Fluoropolymer Painted Finishes

CRL-U.S. Aluminum Series E1200 Elephant Doors are the first of their kind! The Elephant Door System is easily suitable for 6' (1.8 m) wide x 14' (4.2 m) tall bays, and can meet code requirements with 30 psf windloads. Its rugged overall construction, coupled with heavy wall stiles and interlocks, heavy-duty tandem rollers, and a concealed floor track, offers smooth operation and durability. Available in clear, bronze or black anodized and a wide range of standard CRL-U.S. Aluminum Fluoropolymer painted finishes. Doors can be fabricated in offset pivot or center hung configurations with a wide variety of locking hardware and overhead concealed closers to meet your specific requirements.

The CRL-U.S. Aluminum Elephant Door System is ideal for renovation projects as no wall pockets are needed to facilitate the horizontal movement of the system. The operable storefront sections easily slide behind the fixed sections, creating monumental openings for the passage of large items such as cars, trucks, boats, works of art, furniture, or mass pedestrian traffic for sporting venues. Various configurations are available to meet your design needs. The Series E1200 is intended for installations that have soffit overhangs greater than the overall entrance frame height. Local codes should be checked for compliance.



In the Closed Position It's Business as Usual with Pairs of Swinging Entrance Doors.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.



With the Sliding Center Panels Moved Aside, the "Elephant Size" Opening Allows for Larger Objects to be Moved In or Out.

CRL-U.S. Aluminum Storefront Systems

• Systems • Supplies • Service



CRL-U.S. Aluminum has designed and engineered a number of proven and attractive storefront systems with long-lasting quality, reliability, and durability. Whatever the climate and environment, our storefront systems are known performers that deliver value on a daily basis. There's no need to compromise on selection or price, because our Technical Specialists are trained to serve your needs, from design to delivery, and every step in between.

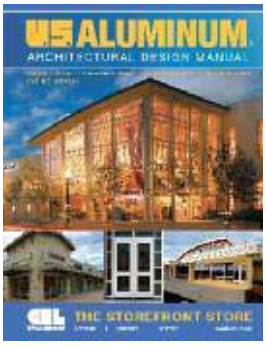
Our years of experience in the field have given us the confidence to promote your entry into the sale and installation of attractive and quality-built storefronts. Every community has businesses large and small that depend upon welcoming and reliable storefronts to attract customers. As time passes these storefronts can become worn or dated, in need of repair or outright replacement. You can be your community's source for storefront repairs and replacement.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

System Index

Series 400 and 400-S
Pages US054-US058
Series 450 and 450-S
Pages US059-US065
Series 451 and 451-S
Pages US066-US070
Series IT451 and IT451-S
Pages US071-US077
Series FF451
Pages US078-US081

MORE INFORMATION crlaurence.com



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the Catalog Library at crlaurence.com/catalogs.





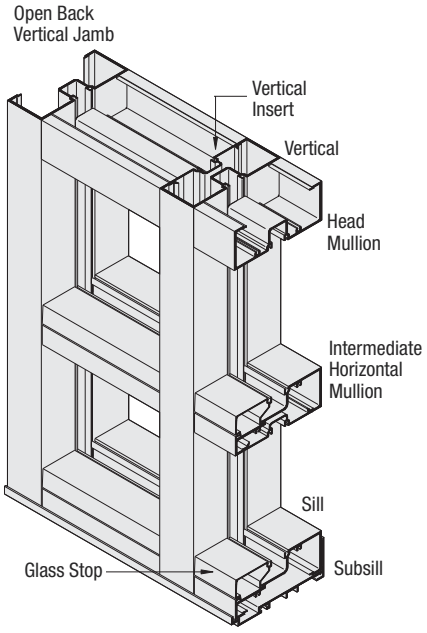
CRL-U.S. Aluminum Series 400 and 400-S Center Glazed Storefronts

- For 1/4" or 3/8" (6 or 10 mm) Glazing
- Screw Spline and Stacking Type Installations for Interior or Exterior Glazing
- Full Range of Accessory Components
- Three Stock Finishes Plus Custom Paint Available



Fabrication and installation labor costs have always been a decisive factor in selecting framing systems for storefront projects. CRL-U.S. Aluminum offers cost efficient, versatile Center Glazed Systems with clean lines and superb performance. Our Series 400 offers simple screw spline panel type installation, and our Series 400-S features stacking type installation. Both series may be interior or exterior glazed. A top load E.P.D.M. gasket is used to position and weatherseal the glass in the aluminum pocket. Center Glazed Systems are compatible with most CRL-U.S. Aluminum Entrance Doors (see pages US002-US023).

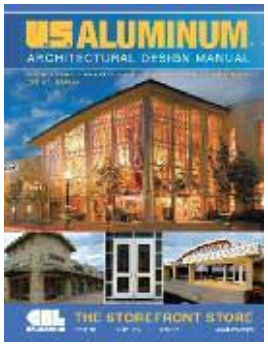
For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.



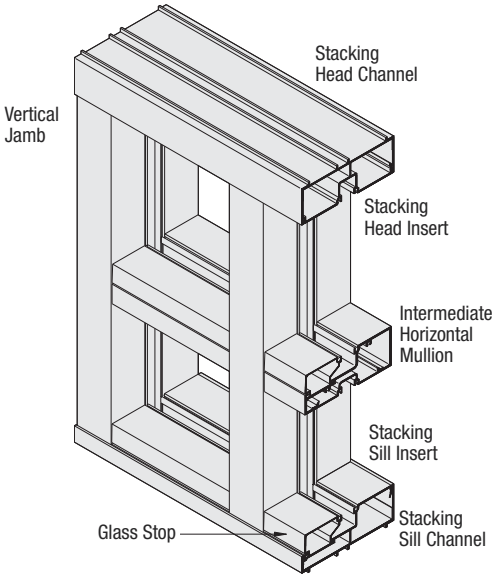
SERIES 400

Center Glazed Storefront Screw Spline Assembly (Exterior Glazing Shown)

MORE INFORMATION crlaurence.com



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.



SERIES 400-S

Center Glazed Storefront Stacking Assembly (Exterior Glazing Shown)

SERIES	FACE WIDTH	DEPTH	HEAD/SILL DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
400 400-S	1-3/4" (45 mm)	4" (102 mm)	4-1/4" (108 mm) (400-S Series Only)	1/4" (6 mm) or 3/8" (10 mm)	Exterior/Interior	Retail Shopping Centers, Schools, Post Offices, Clinics or Any Ground Floor Application

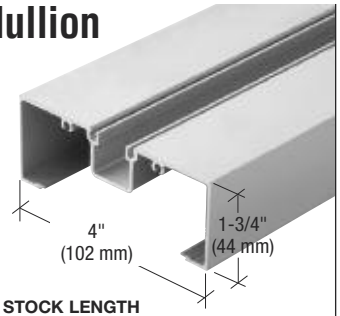
CRL-U.S. Aluminum Series 400 and 400-S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US064-US065

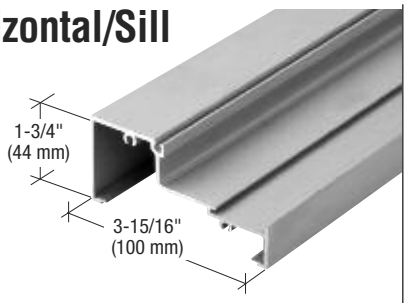
Head Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS40211	Clear Anodized
JS40222	Bronze Anodized
JS40233	Black Anodized

Horizontal/Sill

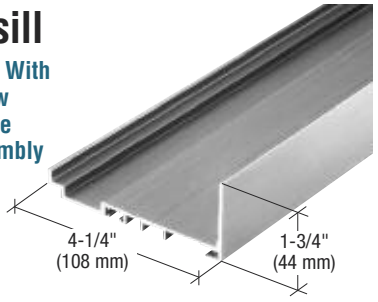


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS41311	Clear Anodized
JS41322	Bronze Anodized
JS41333	Black Anodized

Subsill

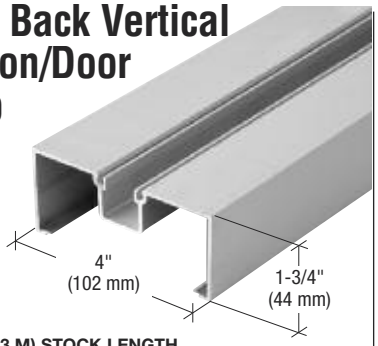
- Used With Screw Spline Assembly



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
AF40011	Clear Anodized
AF40022	Bronze Anodized
AF40033	Black Anodized

Open Back Vertical Mullion/Door Jamb

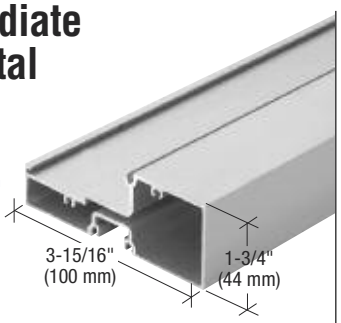


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
J40211	Clear Anodized
J40222	Bronze Anodized
J40233	Black Anodized

Intermediate Horizontal Mullion

- For Anchor Clip Joinery

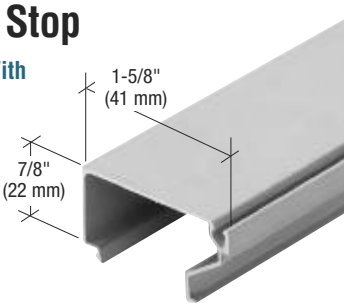


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JH41311	Clear Anodized
JH41322	Bronze Anodized
JH41333	Black Anodized

Glass Stop

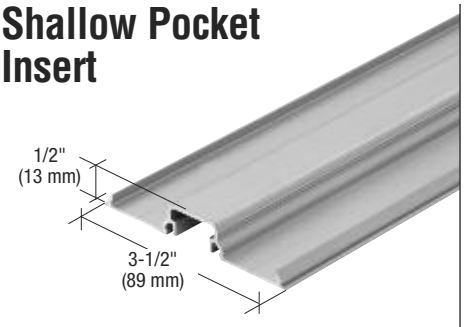
- Used With JS413, JH413 and CS414



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M40311	Clear Anodized
M40322	Bronze Anodized
M40333	Black Anodized

Shallow Pocket Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
RS20011	Clear Anodized
RS20022	Bronze Anodized
RS20033	Black Anodized

Aluminum Flush Insert

- Used With JS402 and J402 Mullions

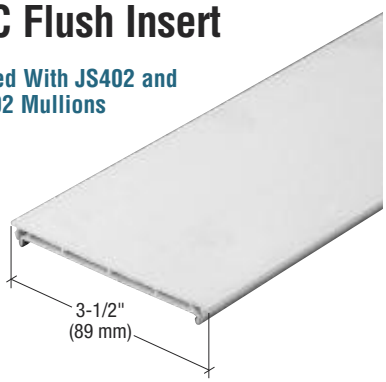


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
PS10011	Clear Anodized
PS10022	Bronze Anodized
PS10033	Black Anodized

PVC Flush Insert

- Used With JS402 and J402 Mullions



8' (2.4 M) STOCK LENGTH

CAT. NO.	FINISH
PV100	White PVC

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series 400 and 400-S Center Glazed Storefront Profiles

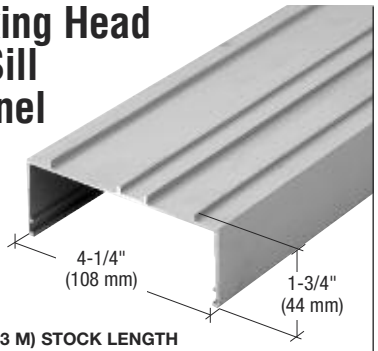
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US064-US065

Stacking Head and Sill Channel

- Equal Legs

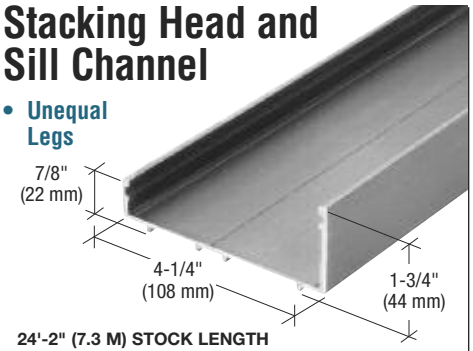


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS41811	Clear Anodized
CS41822	Bronze Anodized
CS41833	Black Anodized

Stacking Head and Sill Channel

- Unequal Legs

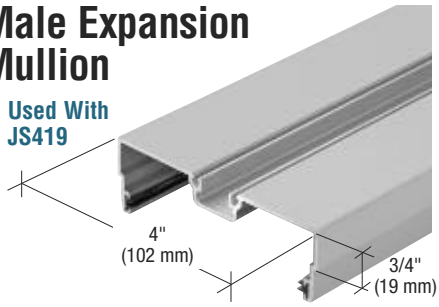


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS41311	Clear Anodized
CS41322	Bronze Anodized
CS41333	Black Anodized

Male Expansion Mullion

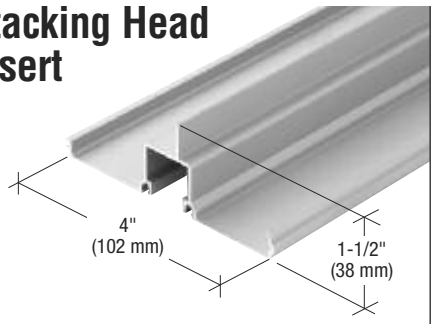
- Used With JS419



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS41011	Clear Anodized
JS41022	Bronze Anodized
JS41033	Black Anodized

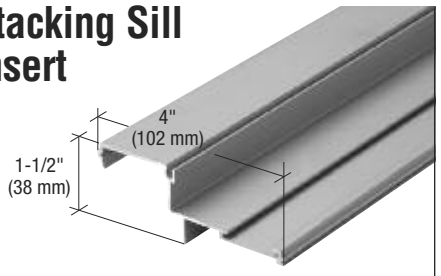
Stacking Head Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS41911	Clear Anodized
CS41922	Bronze Anodized
CS41933	Black Anodized

Stacking Sill Insert

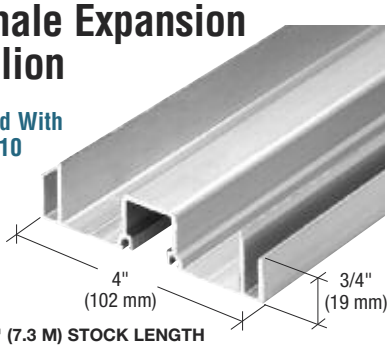


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS41411	Clear Anodized
CS41422	Bronze Anodized
CS41433	Black Anodized

Female Expansion Mullion

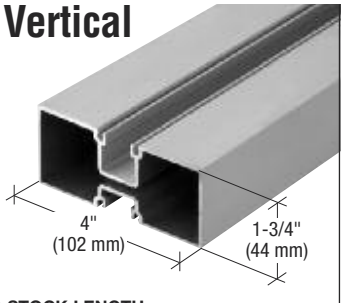
- Used With JS410



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS41911	Clear Anodized
JS41922	Bronze Anodized
JS41933	Black Anodized

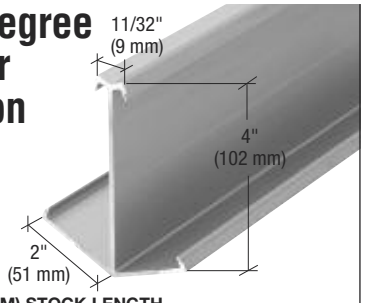
Hollow Vertical Jamb



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS40511	Clear Anodized
JS40522	Bronze Anodized
JS40533	Black Anodized

135 Degree Corner Mullion

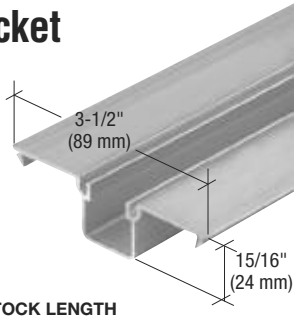


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS64011	Clear Anodized
JS64022	Bronze Anodized
JS64033	Black Anodized

Deep Pocket Insert

- Used With JS640



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
RS11011	Clear Anodized
RS11022	Bronze Anodized
RS11033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

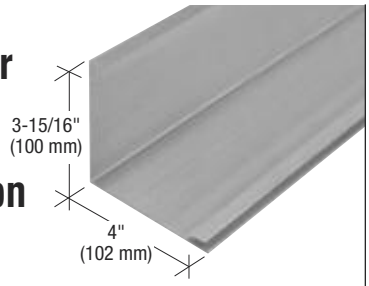
CRL-U.S. Aluminum Series 400 and 400-S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US064-US065

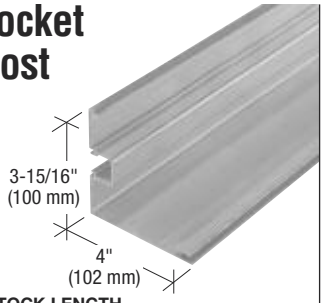
Blank Corner Post Half Section



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JP40411	Clear Anodized
JP40422	Bronze Anodized
JP40433	Black Anodized

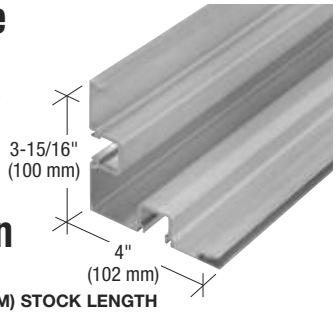
Single Pocket Corner Post Half Section



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JR40411	Clear Anodized
JR40422	Bronze Anodized
JR40433	Black Anodized

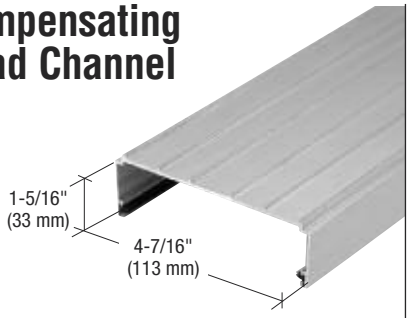
Double Pocket Corner Post Half Section



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JD40411	Clear Anodized
JD40422	Bronze Anodized
JD40433	Black Anodized

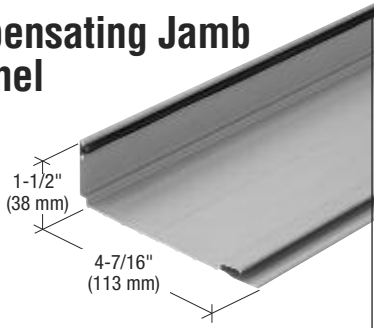
Compensating Head Channel



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JC41011	Clear Anodized
JC41022	Bronze Anodized
JC41033	Black Anodized

Compensating Jamb Channel

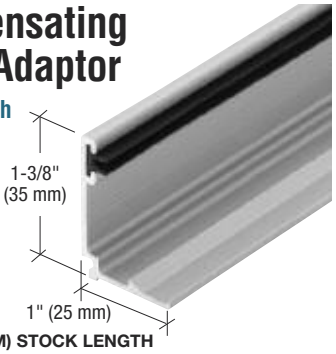


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JC41211	Clear Anodized
JC41222	Bronze Anodized
JC41233	Black Anodized

Compensating Jamb Adaptor

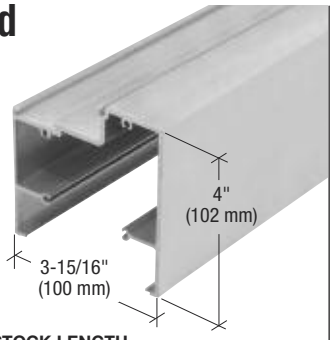
- Used With JC412



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M41111	Clear Anodized
M41122	Bronze Anodized
M41133	Black Anodized

Bulkhead

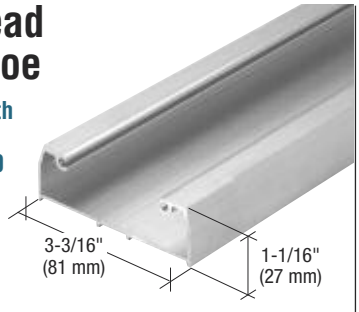


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
S41011	Clear Anodized
S41022	Bronze Anodized
S41033	Black Anodized

Bulkhead Sill Shoe

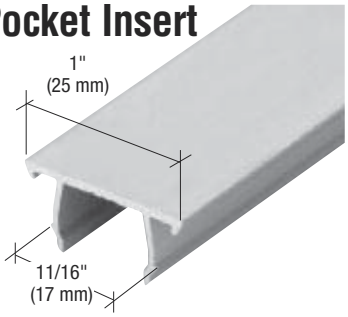
- Used With S410 and S450



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
SC45011	Clear Anodized
SC45022	Bronze Anodized
SC45033	Black Anodized

1/4" Pocket Insert



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
P05011	Clear Anodized
P05022	Bronze Anodized
P05033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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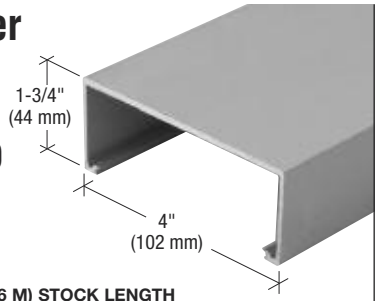
CRL-U.S. Aluminum Series 400 and 400-S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories see pages US064-US065

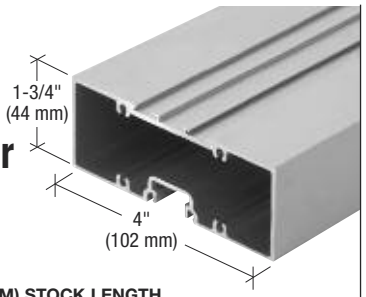
Center Hung Door Jamb



21'-8" (6.6 M) STOCK LENGTH

CAT. NO.	FINISH
JS40111	Clear Anodized
JS40122	Bronze Anodized
JS40133	Black Anodized

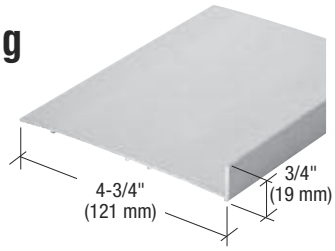
Offset Hung Door Header



21'-4" (6.5 M) STOCK LENGTH

CAT. NO.	FINISH
JS41711	Clear Anodized
JS41722	Bronze Anodized
JS41733	Black Anodized

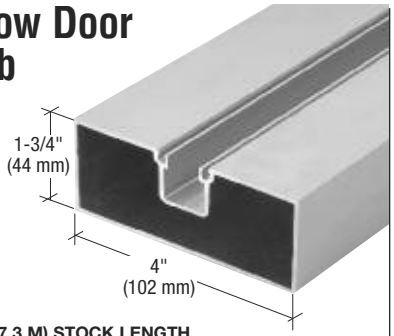
Sill Flashing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
AF10011	Clear Anodized
AF10022	Bronze Anodized
AF10033	Black Anodized

Hollow Door Jamb

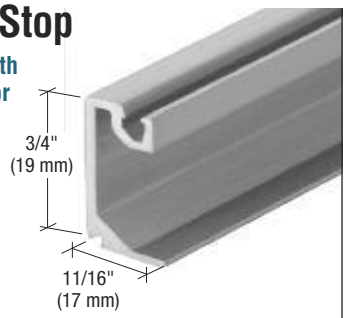


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS40611	Clear Anodized
JS40622	Bronze Anodized
JS40633	Black Anodized

Glass Stop

- Used With JS417 for Transom Lite

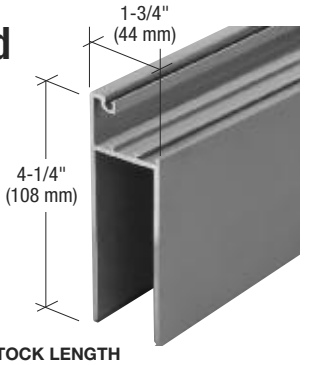


21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
M74011	Clear Anodized
M74022	Bronze Anodized
M74033	Black Anodized

Bulkhead

- Used With SC425

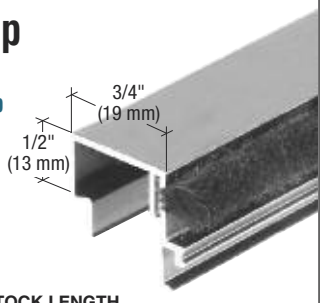


21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
S42511	Clear Anodized
S42522	Bronze Anodized
S42533	Black Anodized

Snap-In Door Stop

- With Weatherstrip

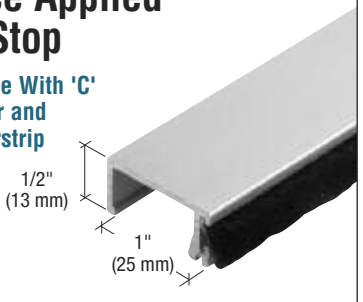


21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
DS04011	Clear Anodized
DS04022	Bronze Anodized
DS04033	Black Anodized

Surface Applied Door Stop

- Complete With 'C' Fastener and Weatherstrip

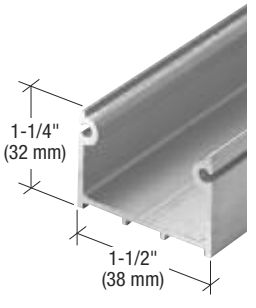


21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
DS03711	Clear Anodized
DS03722	Bronze Anodized
DS03733	Black Anodized

Bulkhead Sill Shoe

- Used With S425



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
SC42511	Clear Anodized
SC42522	Bronze Anodized
SC42533	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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CRL-U.S. Aluminum Series 450 and 450-S Center Glazed Storefronts

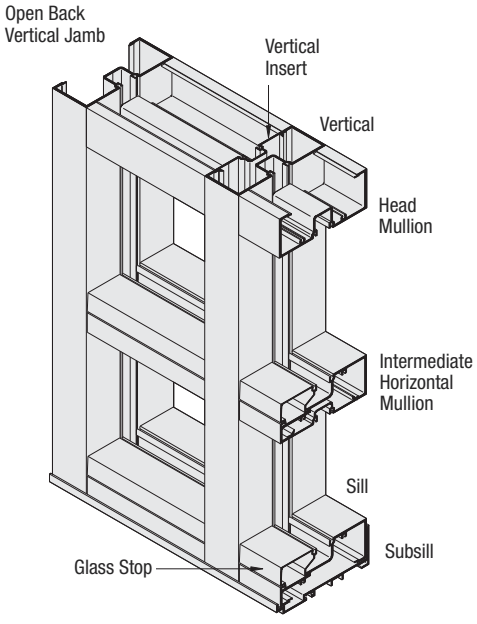
- For 1/4" or 3/8" (6 or 10 mm) Glazing
- Screw Spline and Stacking Type Installations For Interior or Exterior Glazing
- Full Range of Accessory Components
- Three Stock Finishes Plus Custom Paint Available

Our Series 450 is a panel type installation featuring screw race joinery which may be shop fabricated and shipped to the job site partially or totally assembled into panels. The assembled panel units are then snapped together into long runs.

Our Series 450-S is a Stacking System which has continuous head and sill channels spliced together with extruded aluminum splice sleeves as required for thermal expansion. Vertical mullions are stacked into the head and sill channels without mechanical fastening to provide for metal expansion and building deflection. Infiltrated water is weeped to the exterior through weep holes located approximately 6" (152 mm) on each side of vertical mullions. Center Glazed Systems are compatible with most CRL-U.S. Aluminum Entrance Doors (See pages US002-US023).



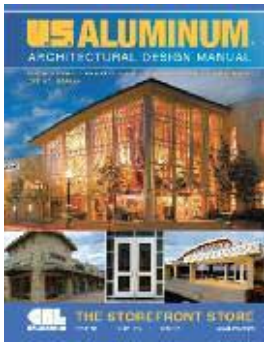
For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.



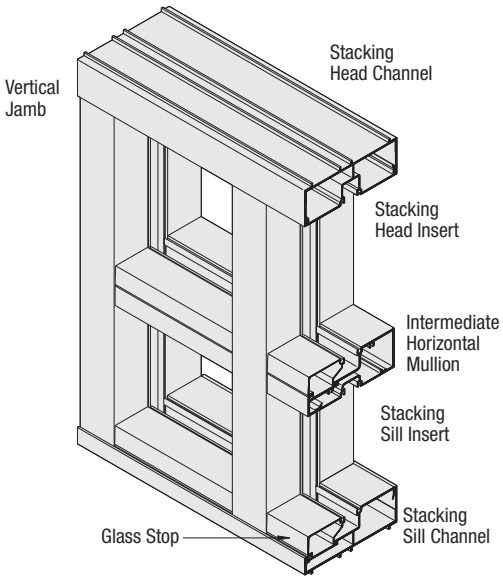
SERIES 450

Center Glazed Storefront Screw Spline Assembly (Exterior Glazing Shown)

MORE INFORMATION
crlaurence.com



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at **crlaurence.com/catalogs**.



SERIES 450-S

Center Glazed Storefront Stacking Assembly

SERIES	FACE WIDTH	DEPTH	HEAD/SILL DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
450 450-S	1-3/4" (45 mm)	4-1/2" (114 mm)	4-3/4" (121 mm) (450-S Series Only)	1/4" (6 mm) or 3/8" (10 mm)	Exterior/Interior	Retail Shopping Centers, Schools, Post Offices, Clinics or Any Ground Floor Application

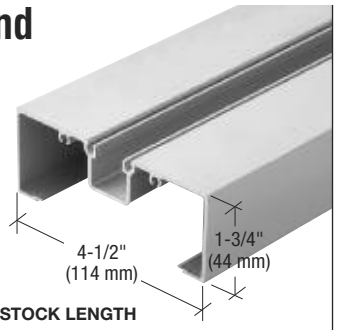
CRL-U.S. Aluminum Series 450 and 450-S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories see pages US064-US065

Head and Jamb Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS45211	Clear Anodized
JS45222	Bronze Anodized
JS45233	Black Anodized

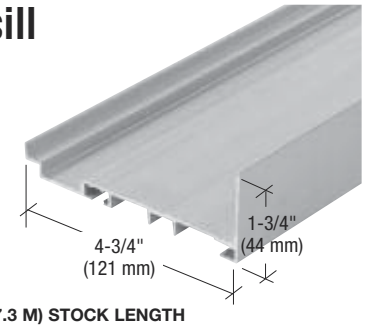
Horizontal/Sill



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS46311	Clear Anodized
JS46322	Bronze Anodized
JS46333	Black Anodized

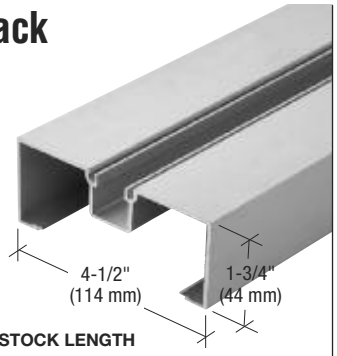
Subsill



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF40011	Clear Anodized
FF40022	Bronze Anodized
FF40033	Black Anodized

Open Back Vertical Mullion

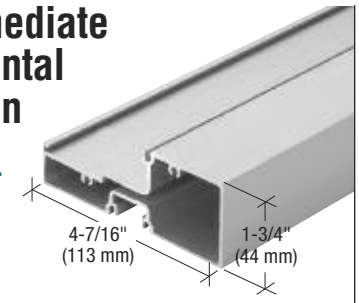


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
J45211	Clear Anodized
J45222	Bronze Anodized
J45233	Black Anodized

Intermediate Horizontal Mullion

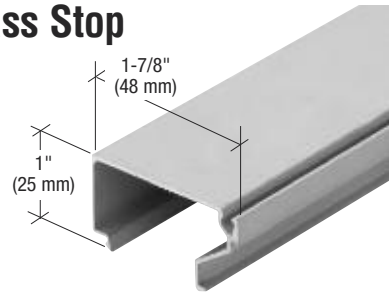
- Used for Anchor Clip Joinery



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JH46311	Clear Anodized
JH46322	Bronze Anodized
JH46333	Black Anodized

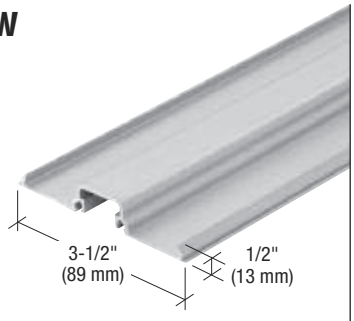
Glass Stop



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M45311	Clear Anodized
M45322	Bronze Anodized
M45333	Black Anodized

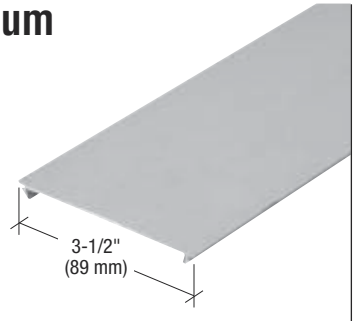
Shallow Pocket Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
RS20011	Clear Anodized
RS20022	Bronze Anodized
RS20033	Black Anodized

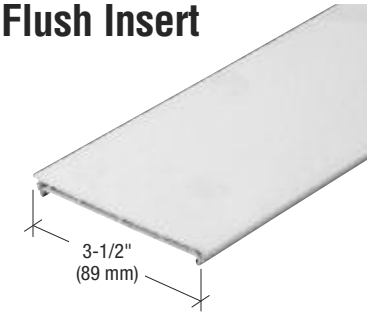
Aluminum Flush Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
PS10011	Clear Anodized
PS10022	Bronze Anodized
PS10033	Black Anodized

PVC Flush Insert



8' (2.4 M) STOCK LENGTH

CAT. NO.	FINISH
PV100	White

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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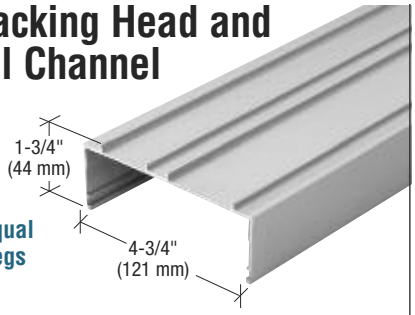
CRL-U.S. Aluminum Series 450 and 450-S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories see pages US064-US065

Stacking Head and Sill Channel



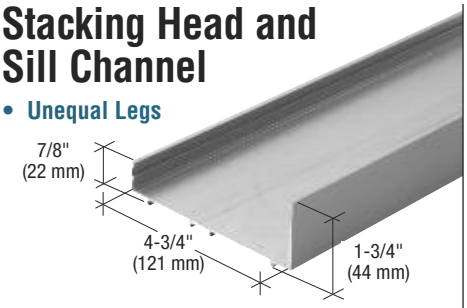
- Equal Legs

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS46811	Clear Anodized
CS46822	Bronze Anodized
CS46833	Black Anodized

Stacking Head and Sill Channel

- Unequal Legs

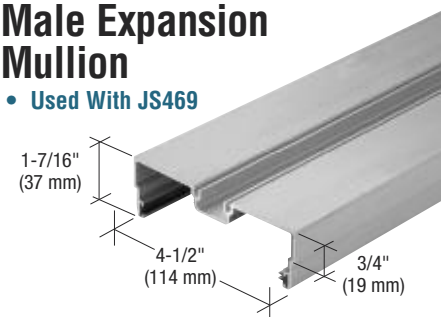


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS46311	Clear Anodized
CS46322	Bronze Anodized
CS46333	Black Anodized

Male Expansion Mullion

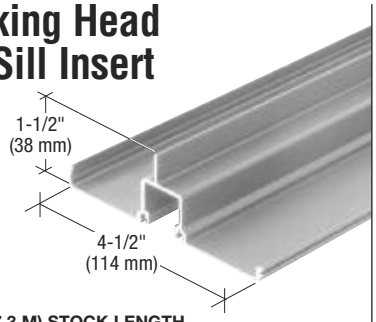
- Used With JS469



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS46011	Clear Anodized
JS46022	Bronze Anodized
JS46033	Black Anodized

Stacking Head and Sill Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS46911	Clear Anodized
CS46922	Bronze Anodized
CS46933	Black Anodized

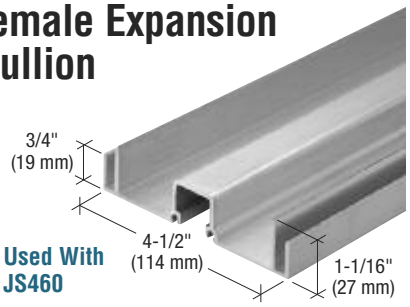
Stacking Sill Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS46411	Clear Anodized
CS46422	Bronze Anodized
CS46433	Black Anodized

Female Expansion Mullion

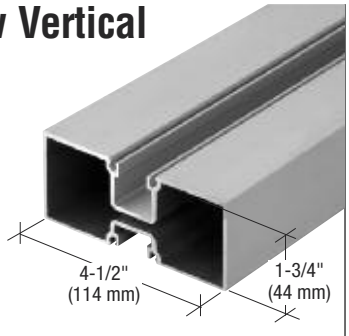


- Used With JS460

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS46911	Clear Anodized
JS46922	Bronze Anodized
JS46933	Black Anodized

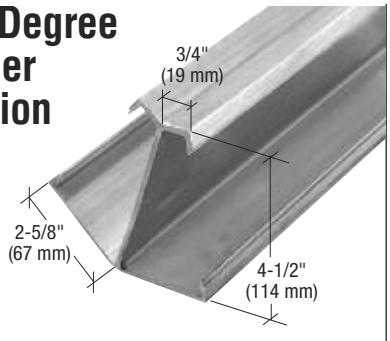
Hollow Vertical Jamb



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS45511	Clear Anodized
JS45522	Bronze Anodized
JS45533	Black Anodized

135 Degree Corner Mullion

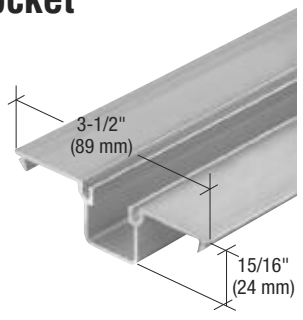


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS64511	Clear Anodized
JS64522	Bronze Anodized
JS64533	Black Anodized

Deep Pocket Insert

- Used With JS645



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
RS11011	Clear Anodized
RS11022	Bronze Anodized
RS11033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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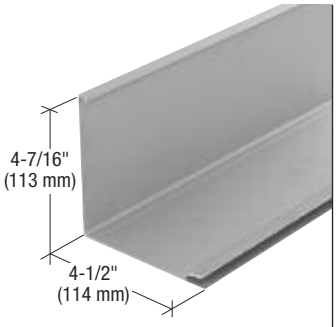
CRL-U.S. Aluminum Series 450 and 450-S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US064-US065

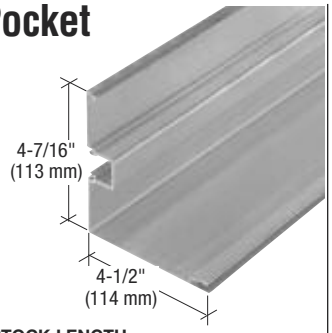
Blank Corner Post Half Section



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JP45411	Clear Anodized
JP45422	Bronze Anodized
JP45433	Black Anodized

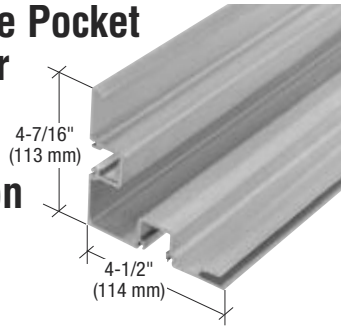
Single Pocket Corner Post Half Section



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JR45411	Clear Anodized
JR45422	Bronze Anodized
JR45433	Black Anodized

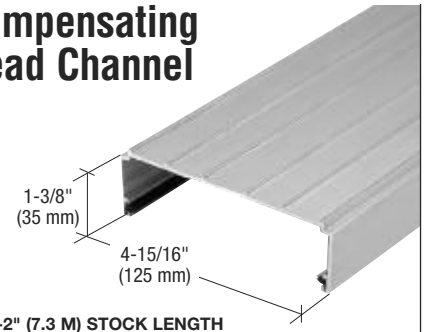
Double Pocket Corner Post Half Section



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JD45411	Clear Anodized
JD45422	Bronze Anodized
JD45433	Black Anodized

Compensating Head Channel



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JC46011	Clear Anodized
JC46022	Bronze Anodized
JC46033	Black Anodized

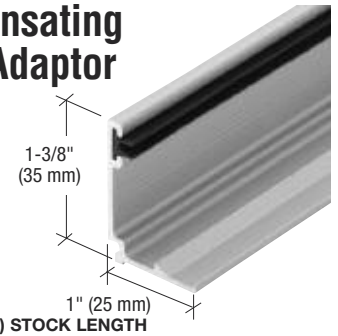
Compensating Jamb Channel



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JC46211	Clear Anodized
JC46222	Bronze Anodized
JC46233	Black Anodized

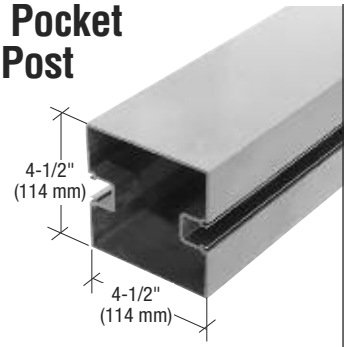
Compensating Jamb Adaptor



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M41111	Clear Anodized
M41122	Bronze Anodized
M41133	Black Anodized

Double Pocket Center Post

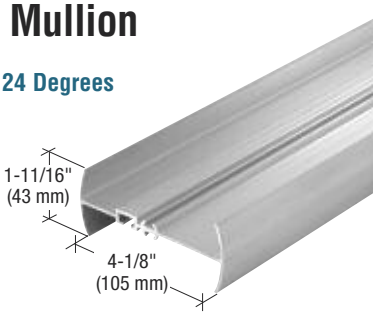


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
J045211	Clear Anodized
J045222	Bronze Anodized
J045233	Black Anodized

Hub Mullion

- 0 to 24 Degrees

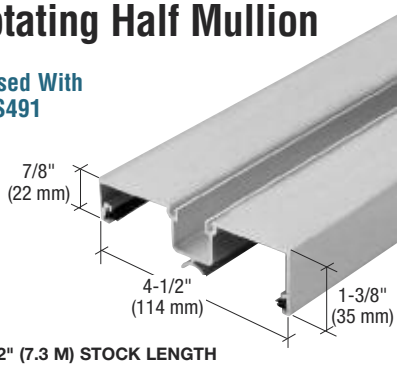


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS49111	Clear Anodized
JS49122	Bronze Anodized
JS49133	Black Anodized

Rotating Half Mullion

- Used With JS491



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS49311	Clear Anodized
JS49322	Bronze Anodized
JS49333	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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TOLL Phone: (800) 421-6144
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From Anywhere in the U.S. or Canada

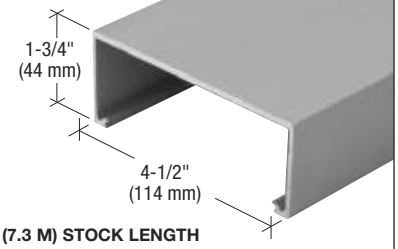
CRL-U.S. Aluminum Series 450 and 450-S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US064-US065

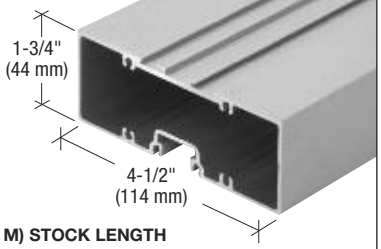
Center Hung Door Jamb



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS45111	Clear Anodized
JS45122	Bronze Anodized
JS45133	Black Anodized

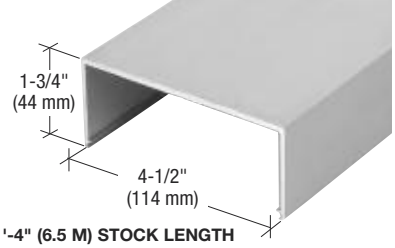
Offset Hung Door Header



21'-4" (6.5 M) STOCK LENGTH

CAT. NO.	FINISH
JS46711	Clear Anodized
JS46722	Bronze Anodized
JS46733	Black Anodized

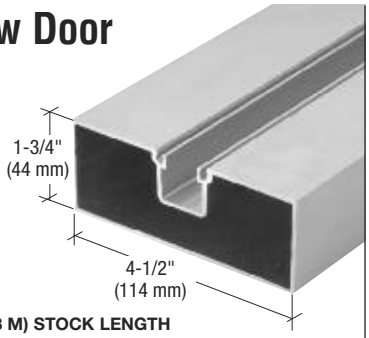
Center Hung Door Header



21'-4" (6.5 M) STOCK LENGTH

CAT. NO.	FINISH
JC45711	Clear Anodized
JC45722	Bronze Anodized
JC45733	Black Anodized

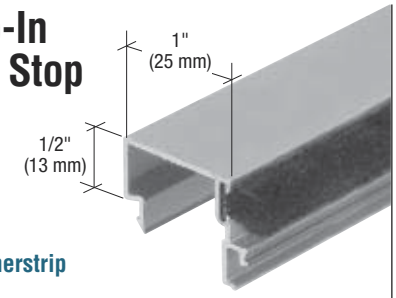
Hollow Door Jamb



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS45611	Clear Anodized
JS45622	Bronze Anodized
JS45633	Black Anodized

Snap-In Door Stop



- With Weatherstrip

21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
DS04711	Clear Anodized
DS04722	Bronze Anodized
DS04733	Black Anodized

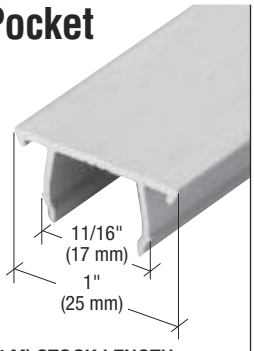
Header Filler With Weatherstrip



21'-4" (6.5 M) STOCK LENGTH

CAT. NO.	FINISH
P42711	Clear Anodized
P42722	Bronze Anodized
P42733	Black Anodized

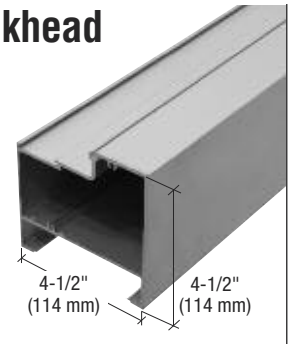
1/4" Pocket Insert



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
P05011	Clear Anodized
P05022	Bronze Anodized
P05033	Black Anodized

Bulkhead

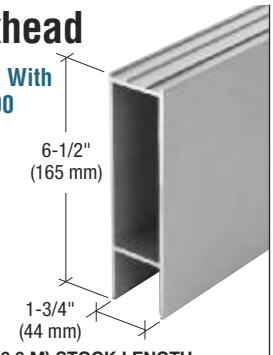


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
S45011	Clear Anodized
S45022	Bronze Anodized
S45033	Black Anodized

Bulkhead

- Used With SC700



21'-6" (6.6 M) STOCK LENGTH

CAT. NO.	FINISH
WS10011	Clear Anodized
WS10022	Bronze Anodized
WS10033	Black Anodized

Bulkhead Sill Shoe

- Used With WS100



21'-6" (6.6 M) STOCK LENGTH

CAT. NO.	FINISH
SC70011	Clear Anodized
SC70022	Bronze Anodized
SC70033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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CRL-U.S. Aluminum Series 400, 400-S, 450, and 450-S Center Glazed Storefront Accessories

MORE CHOICES crlaurence.com

- For Use With 1/4" and 3/8" (6 and 10 mm) Glazing

Header Shear Block

- For Head to Vertical Joinery
- Includes Screws



CAT. NO.	FOR SERIES	QTY/PKG
AP402	400 and 450	20

Minimum order: 1 pack.

Horizontal and Sill Shear Block

- For Horizontal to Vertical Joinery
- Includes Screws

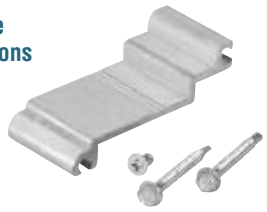


CAT. NO.	FOR SERIES	QTY/PKG
AP403	All	20

Minimum order: 1 pack.

Inside Glaze Shear Block

- For Intermediate Horizontal Mullions
- Includes Screws



CAT. NO.	FOR SERIES	QTY/PKG
AP413	All	20

Minimum order: 1 pack.

Optional Head Anchor

- Accommodates Thermal Expansion and Live Loading Between Floors



CAT. NO.	FOR SERIES	QTY/PKG
HC250	400 and 450	30

Minimum order: 1 pack.

Assembly Screw

- #10 x 1" (25 mm) Hex Washer Head Sheet Metal Screw
- Use With Screw Race Joinery



CAT. NO.	FOR SERIES	QTY/PKG
ST251	All	200

Minimum order: 1 pack.

Water Deflectors

- Diverts Infiltrated Water



WD160 For Shallow Pockets

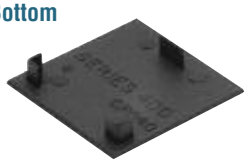
WD150 For Deep Pockets

CAT. NO.	FOR SERIES	QTY/PKG
WD160	All	50
WD150	All	50

Minimum order: 1 pack.

Vertical Closure Plate

- Use for Perimeter Seal
- For Top and Bottom 4" (102 mm) Mullions

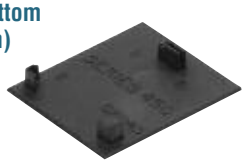


CAT. NO.	FOR SERIES	QTY/PKG
CP040	400 and 400-S	20

Minimum order: 1 pack.

Vertical Closure Plate

- Use for Perimeter Seal
- For Top and Bottom 4-1/2" (114 mm) Mullions



CAT. NO.	FOR SERIES	QTY/PKG
CP045	450 and 450-S	20

Minimum order: 1 pack.

End Dams

- For Controlling Infiltrated Water



EC400

EC450

CAT. NO.	FOR SERIES	QTY/PKG
EC400	400 and 400-S	20
EC450	450 and 450-S	20

Minimum order: 1 pack.

Bulkhead Angle Clip

- Secures Bulkhead Sills to Vertical Members
- Includes Screws



CAT. NO.	FOR SERIES	QTY/PKG
AP050	400 and 450	10

Minimum order: 1 pack.

Drill Jig

- Drill Guide for Screw Spline Assembly Screws



CAT. NO.	FOR SERIES	QTY/PKG
DJ050	400 and 450	1

Minimum order: 1 each.

Drill Jig

- Drill Guide for Shear Block Assembly Screws



CAT. NO.	FOR SERIES	QTY/PKG
DJ025	400-S and 450-S	1

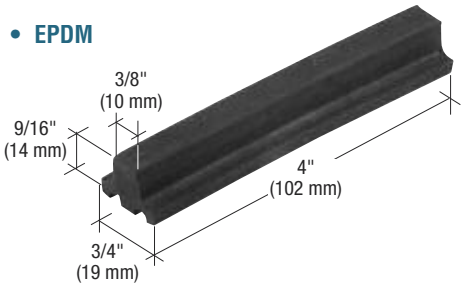
Minimum order: 1 each.

CRL-U.S. Aluminum Series 400, 400-S, 450, and 450-S Center Glazed Storefront Accessories

MORE CHOICES crlaurence.com

Glazing Setting Blocks

- EPDM



CAT. NO.	FOR SERIES	QTY/PKG
SB140	All	100

Minimum order: 1 pack.

Bulkhead Setting Blocks

- Used With Glazed Horizontals and S425

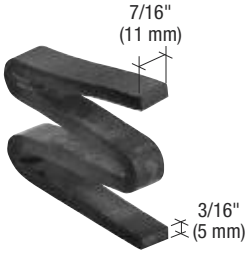


CAT. NO.	FOR SERIES	QTY/PKG
SB045	400 and 450	100

Minimum order: 1 pack.

"W" Anti-Walking Blocks

- Used at Deep Pocket Verticals
- Prevents Glass from Shifting



CAT. NO.	FOR SERIES	QTY/PKG
WB452	All	50

Minimum order: 1 pack.

Stacking Head Splice Sleeves

- For Stacking Head Channel
- Expansion Joint Seal



CAT. NO.	FOR SERIES	QTY/PKG
SV418	400-S	10
SV468	450-S	10

Minimum order: 1 pack.

Stacking Sill Splice Sleeves

- For Stacking Sill Channel
- Expansion Joint Seal



CAT. NO.	FOR SERIES	QTY/PKG
SV413	400-S	10
SV463	450-S	10

Minimum order: 1 pack.

Subsill Splice Sleeves

- Accommodates Thermal Movement
- Use With Subsill



CAT. NO.	FOR SERIES	QTY/PKG
SV300	400	10
SV400	450	10

Minimum order: 1 pack.

Steel Stiffener

- For Intermediate Vertical Mullions
- 2-11/16" x 1-1/32" (68 x 26 mm)
- 10 Gauge
- Used With JS410/JS419 and JS460/JS469 Expansion Mullions

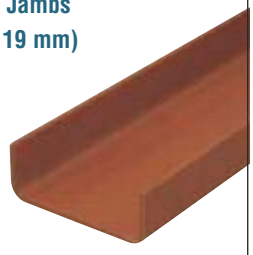


CAT. NO.	FOR SERIES	LENGTH
SS46916	400 and 400-S	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- For Intermediate Vertical Mullions and Door Jambs
- 3-5/8" x 3/4" (92 x 19 mm)
- 12 Gauge
- Used With J402, JS402, JS405 and JS406 Vertical Mullions



CAT. NO.	FOR SERIES	LENGTH
SS04016	400 and 400-S	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- For Intermediate Vertical Mullions and Door Jambs
- 4-1/8" x 3/4" (105 x 19 mm)
- 12 Gauge
- Used With J452, JS452, JS455 and JS456 Vertical Mullions



CAT. NO.	FOR SERIES	LENGTH
SS04509	450 and 450-S	9'-0" (2.74 m)
SS04516	450 and 450-S	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

CRL-U.S. Aluminum Series 451 and 451-S Center Glazed Storefronts

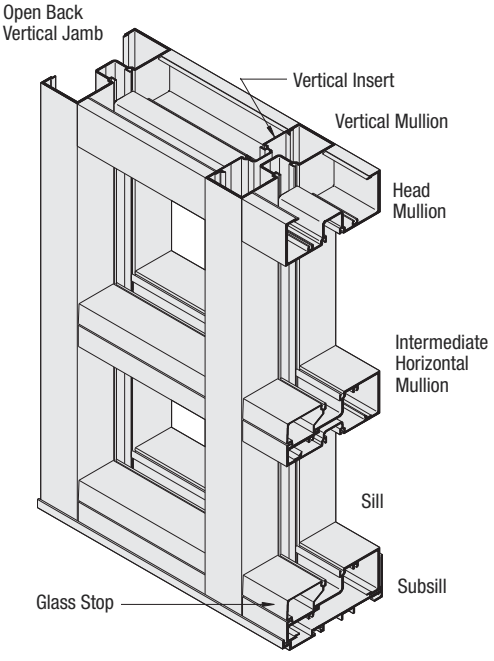
- Accommodates 1" (25 mm) Glazing
- Screw Spline and Stacking Type Installations Available for Interior or Exterior Glazing
- Full Range of Accessory Components
- Three Stock Finishes Plus Custom Paint Available



Our Series 451 provides flush glazing on all sides with no projecting stops. Vertical and horizontal framing members have nominal face dimensions of 2" (51 mm). Overall depth is 4-1/2" (114 mm). The system provides for internal drainage of infiltrated water into an extruded aluminum subsill channel where it is drained to the exterior through weep slots.

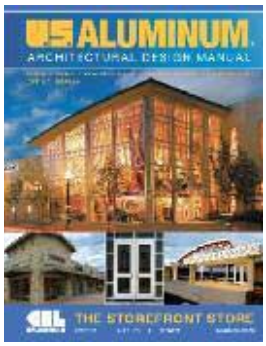
The Series 451-S Stacking System provides continuous head and sill channels spliced together with formed brake metal sleeves at center of vertical mullions as required for thermal expansion and to ensure a continuous sill gutter to handle infiltrated water. The sill channel provides for exterior weepage through 1/4" (6 mm) diameter weep holes located at approximately 6" (152 mm) on each side of the vertical mullions. The system provides for flush glazing on all sides with no projecting stops. Vertical and horizontal framing members have a nominal face dimension of 2" (51 mm). Overall depth is 4-3/4" (121 mm). Center Glazed Systems are compatible with most U.S. Aluminum Entrance Doors (see pages US002-US023).

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

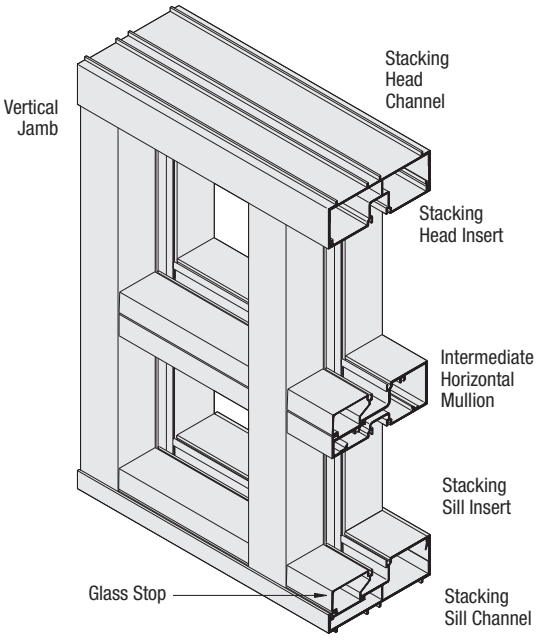


SERIES 451
Center Glazed

MORE INFORMATION
crlaurence.com



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at **crlaurence.com/catalogs**.



SERIES 451-S
Center Glazed
Stacking

SERIES	FACE WIDTH	DEPTH	HEAD/SILL DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
451 451-S	2" (51 mm)	4-1/2" (114 mm) 4-3/4" (121 mm)	4-3/4" (121 mm)	1" (25 mm)	Exterior / Interior	Retail Shopping Centers, Schools, Post Ofiices, Clinics or Any Ground Floor Application

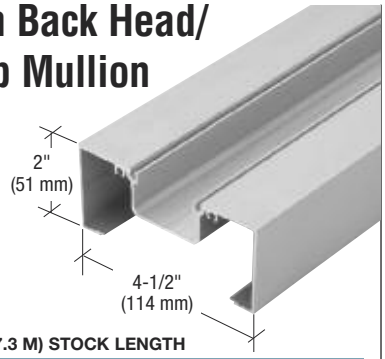
CRL-U.S. Aluminum Series 451 and 451S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US076-US077

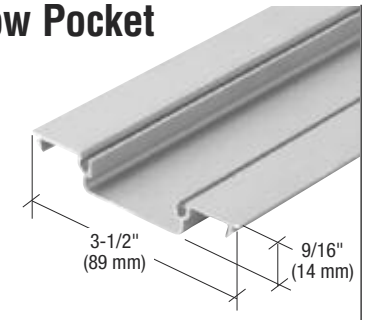
Open Back Head/ Jamb Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S45211	Clear Anodized
1S45222	Bronze Anodized
1S45233	Black Anodized

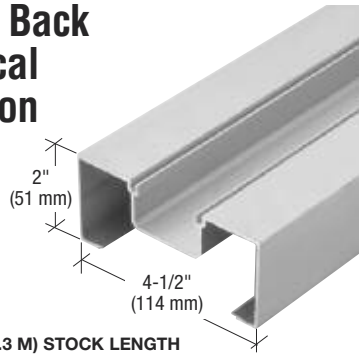
Shallow Pocket Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S20011	Clear Anodized
1S20022	Bronze Anodized
1S20033	Black Anodized

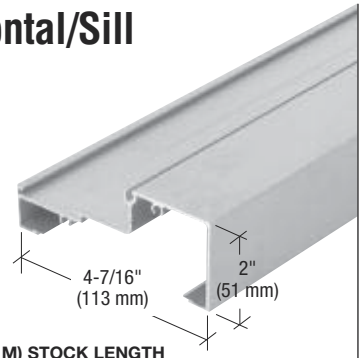
Open Back Vertical Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
145211	Clear Anodized
145222	Bronze Anodized
145233	Black Anodized

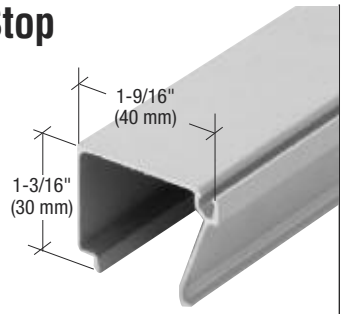
Horizontal/Sill



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S46311	Clear Anodized
1S46322	Bronze Anodized
1S46333	Black Anodized

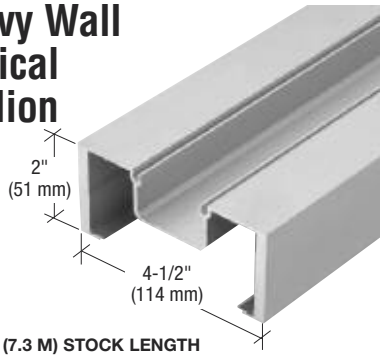
Glass Stop



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1M45311	Clear Anodized
1M45322	Bronze Anodized
1M45333	Black Anodized

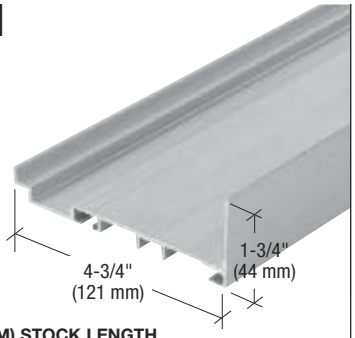
Heavy Wall Vertical Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S43111	Clear Anodized
1S43122	Bronze Anodized
1S43133	Black Anodized

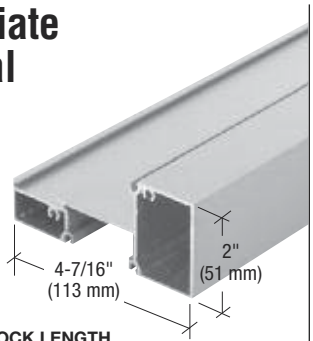
Subsill



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF40011	Clear Anodized
FF40022	Bronze Anodized
FF40033	Black Anodized

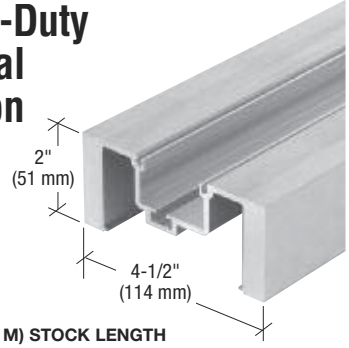
Intermediate Horizontal Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1H46311	Clear Anodized
1H46322	Bronze Anodized
1H46333	Black Anodized

Heavy-Duty Vertical Mullion



14'-6" (4.4 M) STOCK LENGTH

CAT. NO.	FINISH
1S5311115	Clear Anodized
1S5312215	Bronze Anodized
1S5313315	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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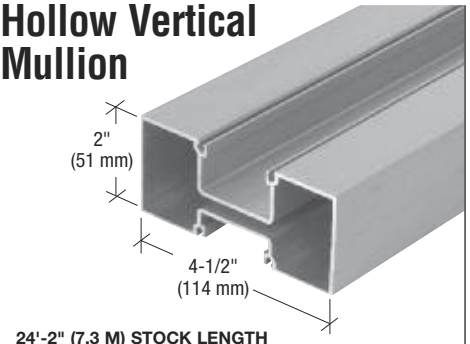
CRL-U.S. Aluminum Series 451 and 451S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US076-US077

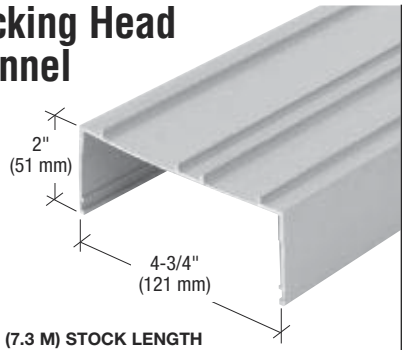
Hollow Vertical Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S45511	Clear Anodized
1S45522	Bronze Anodized
1S45533	Black Anodized

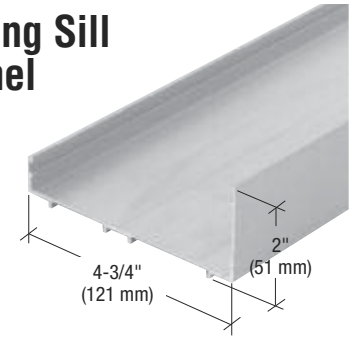
Stacking Head Channel



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS56811	Clear Anodized
CS56822	Bronze Anodized
CS56833	Black Anodized

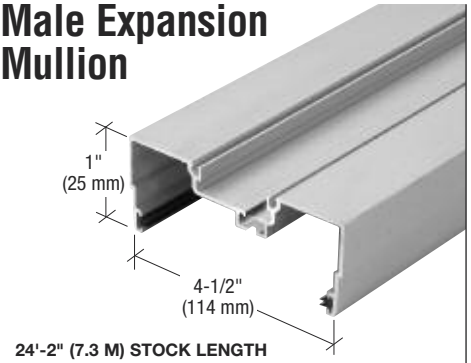
Stacking Sill Channel



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS56311	Clear Anodized
CS56322	Bronze Anodized
CS56333	Black Anodized

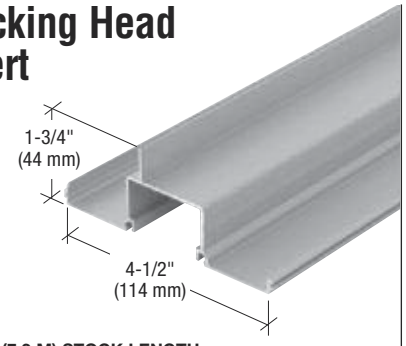
Male Expansion Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S47011	Clear Anodized
1S47022	Bronze Anodized
1S47033	Black Anodized

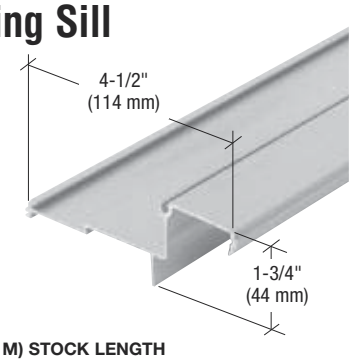
Stacking Head Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS56911	Clear Anodized
CS56922	Bronze Anodized
CS56933	Black Anodized

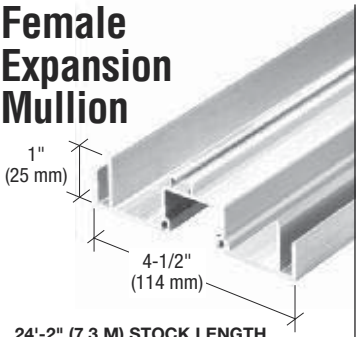
Stacking Sill Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS56411	Clear Anodized
CS56422	Bronze Anodized
CS56433	Black Anodized

Female Expansion Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S47911	Clear Anodized
1S47922	Bronze Anodized
1S47933	Black Anodized

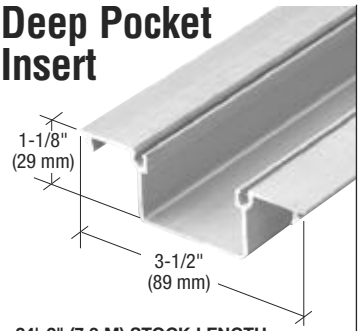
135 Degree Corner Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS64511	Clear Anodized
JS64522	Bronze Anodized
JS64533	Black Anodized

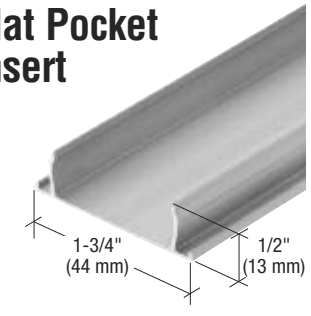
Deep Pocket Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S10011	Clear Anodized
1S10022	Bronze Anodized
1S10033	Black Anodized

Flat Pocket Insert



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
P12511	Clear Anodized
P12522	Bronze Anodized
P12533	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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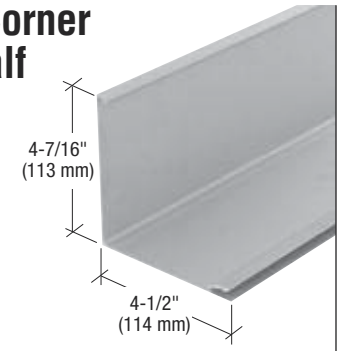
CRL-U.S. Aluminum Series 451 and 451S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories see pages US076-US077

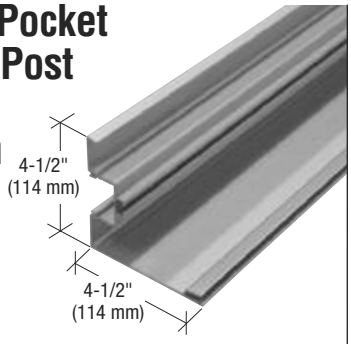
Blank Corner Post Half Section



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JP45411	Clear Anodized
JP45422	Bronze Anodized
JP45433	Black Anodized

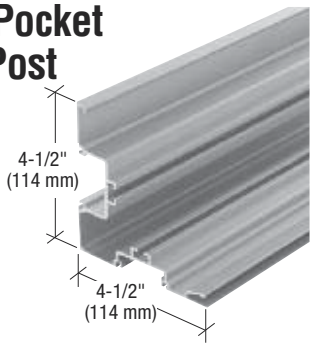
Single Pocket Corner Post Half Section



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1R44411	Clear Anodized
1R44422	Bronze Anodized
1R44433	Black Anodized

Double Pocket Corner Post Half Section



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1D44611	Clear Anodized
1D44622	Bronze Anodized
1D44633	Black Anodized

Rotating Mullion

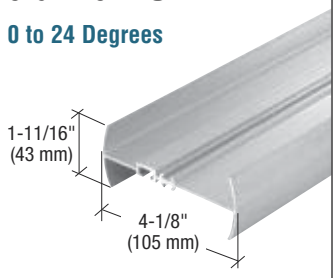


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S49311	Clear Anodized
1S49322	Bronze Anodized
1S49333	Black Anodized

Hub Mullion

- 0 to 24 Degrees



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JS49111	Clear Anodized
JS49122	Bronze Anodized
JS49133	Black Anodized

Horizontal/Sill



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S44011	Clear Anodized
1S44022	Bronze Anodized
1S44033	Black Anodized

Bulkhead Shoe

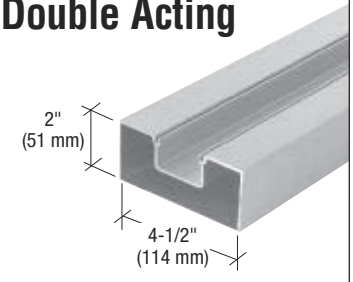
- Used With 1S440



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
SC45011	Clear Anodized
SC45022	Bronze Anodized
SC45033	Black Anodized

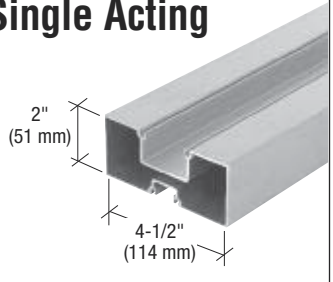
Hollow Door Jamb Double Acting



21'-9" (6.6 M) STOCK LENGTH

CAT. NO.	FINISH
1J45611	Clear Anodized
1J45622	Bronze Anodized
1J45633	Black Anodized

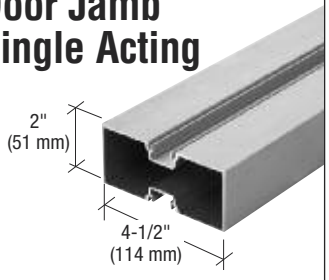
Hollow Door Jamb Single Acting



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S45611	Clear Anodized
1S45622	Bronze Anodized
1S45633	Black Anodized

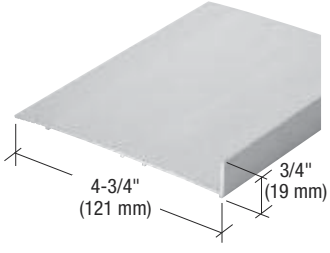
Intermediate Door Jamb Single Acting



21'-9" (6.6 M) STOCK LENGTH

CAT. NO.	FINISH
1S47611	Clear Anodized
1S47622	Bronze Anodized
1S47633	Black Anodized

Sill Flashing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
AF10011	Clear Anodized
AF10022	Bronze Anodized
AF10033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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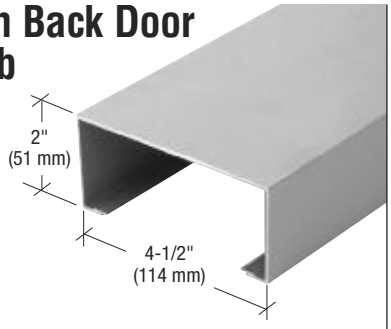
CRL-U.S. Aluminum Series 451 and 451S Center Glazed Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories see pages US076-US077

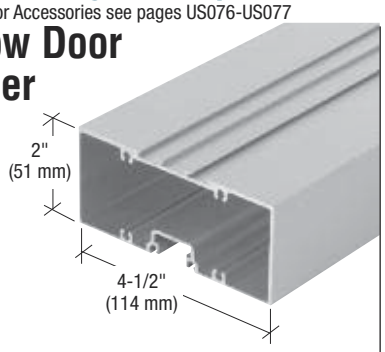
Open Back Door Jamb



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S45111	Clear Anodized
1S45122	Bronze Anodized
1S45133	Black Anodized

Hollow Door Header

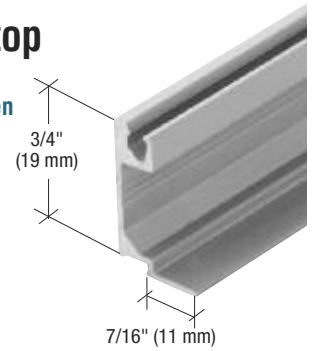


21'-4" (6.5 M) STOCK LENGTH

CAT. NO.	FINISH
1S46711	Clear Anodized
1S46722	Bronze Anodized
1S46733	Black Anodized

Glass Stop

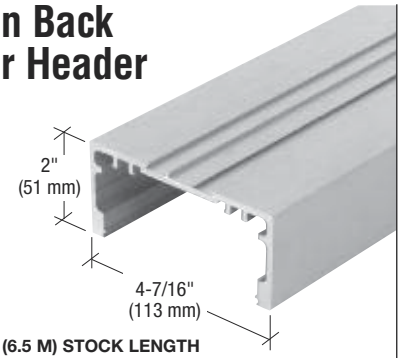
- Used With 1S467 When Glazing Transom Lites



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
M74111	Clear Anodized
M74122	Bronze Anodized
M74133	Black Anodized

Open Back Door Header



21'-4" (6.5 M) STOCK LENGTH

CAT. NO.	FINISH
1C45711	Clear Anodized
1C45722	Bronze Anodized
1C45733	Black Anodized

Header Filler With Weatherstrip

- Used With 1C457

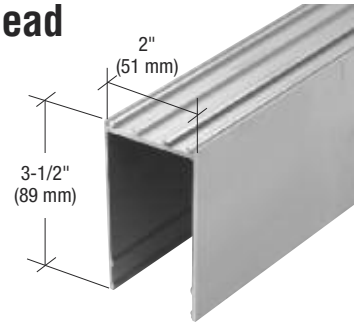


21'-4" (6.5 M) STOCK LENGTH

CAT. NO.	FINISH
P42711	Clear Anodized
P42722	Bronze Anodized
P42733	Black Anodized

Bulkhead

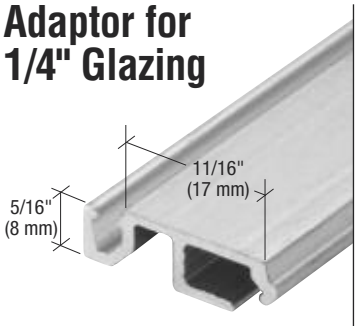
- Used With SC426



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
S42611	Clear Anodized
S42622	Bronze Anodized
S42633	Black Anodized

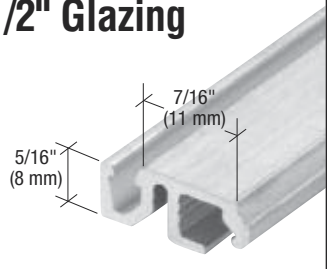
Adaptor for 1/4" Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S25111	Clear Anodized
1S25122	Bronze Anodized
1S25133	Black Anodized

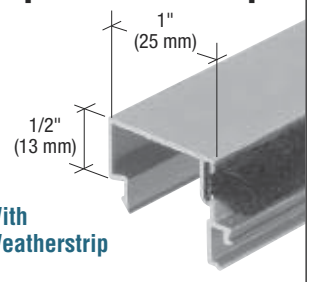
Adaptor for 1/2" Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S05011	Clear Anodized
1S05022	Bronze Anodized
1S05033	Black Anodized

Snap-In Door Stop



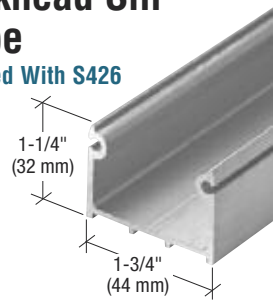
- With Weatherstrip

21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
DS04711	Clear Anodized
DS04722	Bronze Anodized
DS04733	Black Anodized

Bulkhead Sill Shoe

- Used With S426



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
SC42611	Clear Anodized
SC42622	Bronze Anodized
SC42633	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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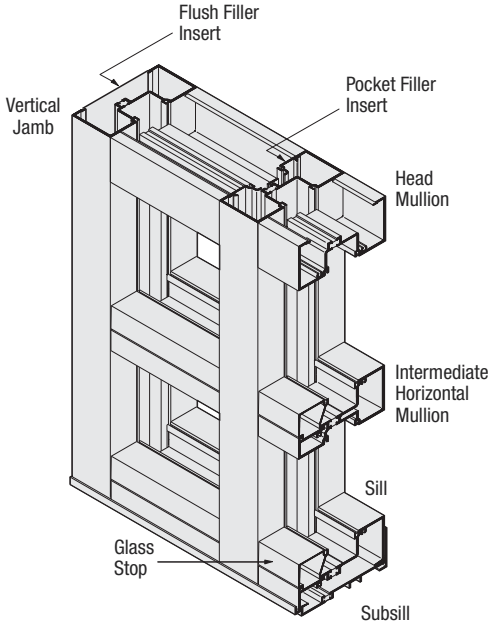
CRL-U.S. Aluminum Series IT451 and IT451-S Thermally Improved Storefronts

- Superior Thermal Performance Using 1" (25 mm) Glazing
- Available for Screw Race Joinery or Panel Type Installations for Interior or Exterior Glazing
- Full Range of Accessory Components
- Three Stock Finishes Plus Custom Paint Available



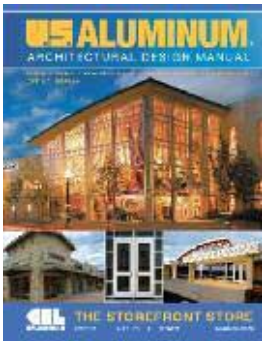
Series IT451and IT451-S Thermal Center Glazed Systems offer an outstanding value by combining increased thermal performance with low-cost conventional flush glazing. These systems feature the Poly-Aluminizer™ and Lancer™ Thermal Break Technologies (page US032) with a Two Year Warranty as described in the Warranty for Thermally Broken Framing Systems. They were especially engineered to satisfy the increasing demands for energy conservation. Both series may be glazed from the interior or exterior, and are well suited for storefront applications requiring increased thermal performance.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

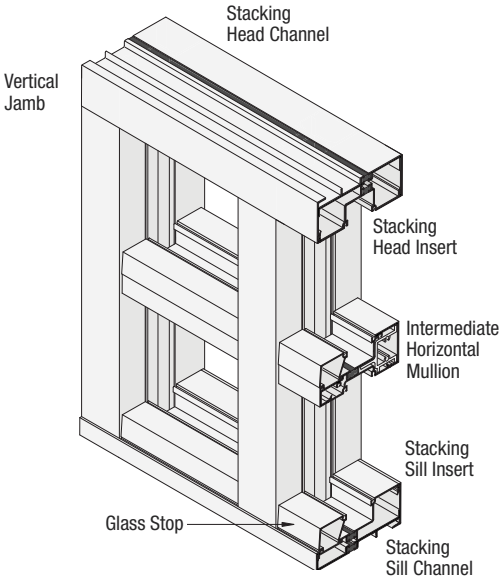


SERIES IT451
Screw Race Joinery Storefront
Thermally Improved

MORE INFORMATION
crlaurence.com



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.



SERIES IT451-S
Stacking System Storefront
Thermally Improved

SERIES	FACE WIDTH	DEPTH	HEAD/SILL DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
IT451 IT451-S	2" (51 mm)	4-1/2" (114 mm)	4-3/4" (121 mm)	1" (25 mm)	Exterior/Interior	Storefronts in Regions Requiring Thermal Performance

CRL-U.S. Aluminum Series IT451 and IT451-S Thermally Improved Storefront Profiles

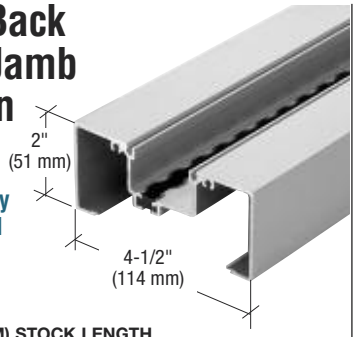
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE FINISHES crlaurence.com

For Accessories, see Pages US076-US077

Open Back Head/Jamb Mullion

- Thermally Improved

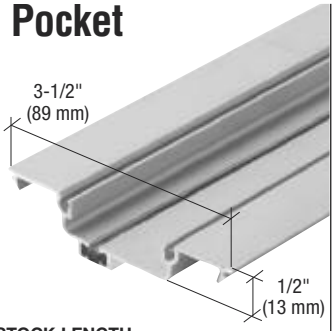


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T42211	Clear Anodized
1T42222	Bronze Anodized
1T42233	Black Anodized

Shallow Pocket Insert

- Thermally Improved
- Used With 1T433 and 1T442

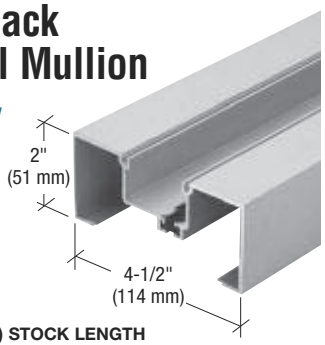


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T20311	Clear Anodized
1T20322	Bronze Anodized
1T20333	Black Anodized

Open Back Vertical Mullion

- Thermally Improved

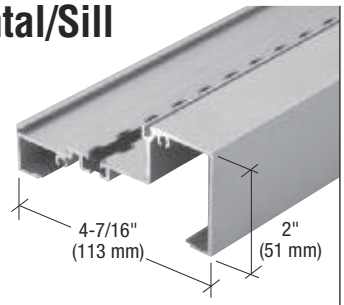


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T44211	Clear Anodized
1T44222	Bronze Anodized
1T44233	Black Anodized

Horizontal/Sill

- Thermally Improved

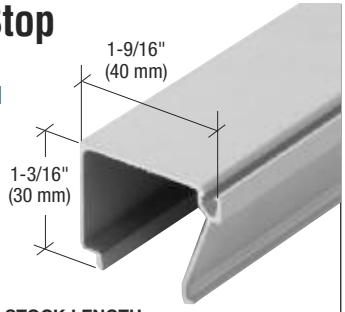


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T43311	Clear Anodized
1T43322	Bronze Anodized
1T43333	Black Anodized

Glass Stop

- Used With 1T433 and 1T423

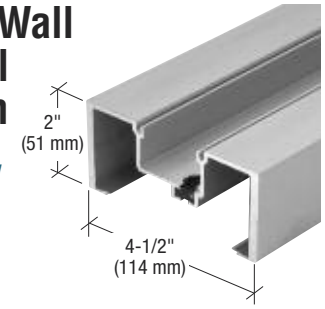


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1M45311	Clear Anodized
1M45322	Bronze Anodized
1M45333	Black Anodized

Heavy-Wall Vertical Mullion

- Thermally Improved

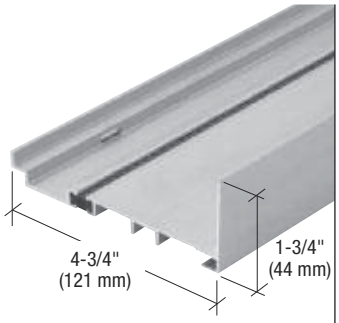


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T43111	Clear Anodized
1T43122	Bronze Anodized
1T43133	Black Anodized

Subsill

- Thermally Improved
- Used With IT451 Series
- With Weep Holes

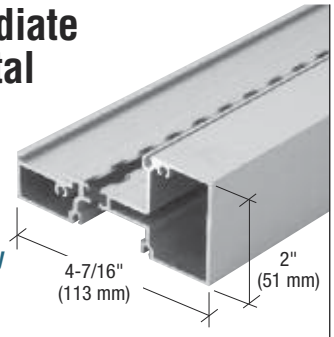


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FT40011	Clear Anodized
FT40022	Bronze Anodized
FT40033	Black Anodized

Intermediate Horizontal Mullion

- Thermally Improved
- Used With Clip Joinery

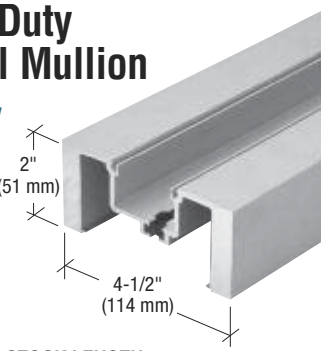


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T42311	Clear Anodized
1T42322	Bronze Anodized
1T42333	Black Anodized

Heavy-Duty Vertical Mullion

- Thermally Improved



14'-6" (4.4 M) STOCK LENGTH

CAT. NO.	FINISH
1T5311115	Clear Anodized
1T5312215	Bronze Anodized
1T5313315	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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CRL-U.S. Aluminum Series IT451 and IT451-S Thermally Improved Storefront Profiles

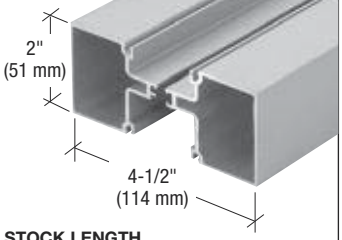
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE FINISHES crlaurence.com

For Accessories See Pages US076-US077

Vertical Stacking Mullion

- Thermally Improved

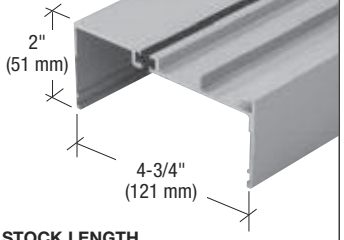


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T45511	Clear Anodized
1T45522	Bronze Anodized
1T45533	Black Anodized

Stacking Head Channel

- Thermally Improved

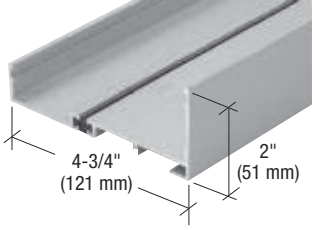


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CT45811	Clear Anodized
CT45822	Bronze Anodized
CT45833	Black Anodized

Stacking Sill Channel

- Thermally Improved

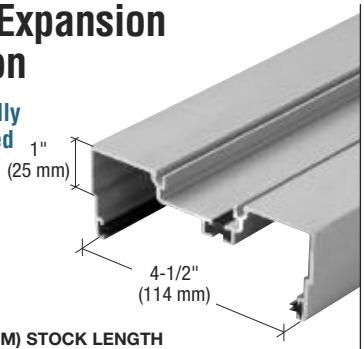


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CT45311	Clear Anodized
CT45322	Bronze Anodized
CT45333	Black Anodized

Male Expansion Mullion

- Thermally Improved

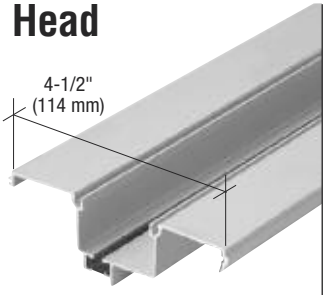


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T47011	Clear Anodized
1T47022	Bronze Anodized
1T47033	Black Anodized

Stacking Head Insert

- Thermally Improved

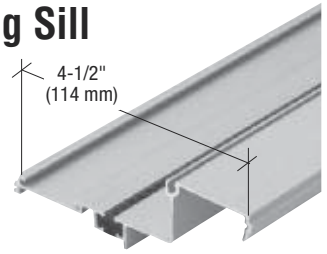


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CT45911	Clear Anodized
CT45922	Bronze Anodized
CT45933	Black Anodized

Stacking Sill Insert

- Thermally Improved

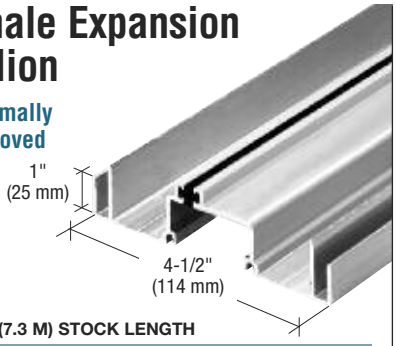


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CT45411	Clear Anodized
CT45422	Bronze Anodized
CT45433	Black Anodized

Female Expansion Mullion

- Thermally Improved

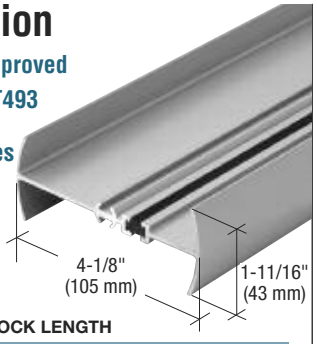


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T47911	Clear Anodized
1T47922	Bronze Anodized
1T47933	Black Anodized

Hub Mullion

- Thermally Improved
- Used With 1T493 For 0 to 24 Degree Angles

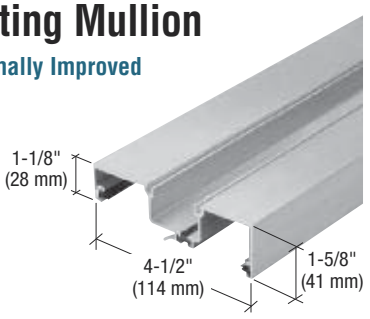


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T49111	Clear Anodized
1T49122	Bronze Anodized
1T49133	Black Anodized

Rotating Mullion

- Thermally Improved



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T49311	Clear Anodized
1T49322	Bronze Anodized
1T49333	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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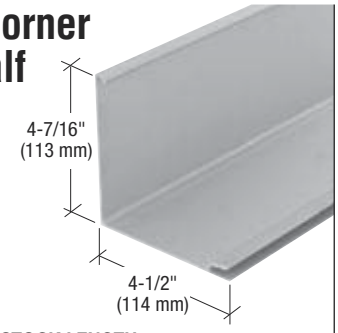
CRL-U.S. Aluminum Series IT451 and IT451-S Thermally Improved Storefront Profiles

- Clear, Bronze, and Black Anodized Finishe
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories see pages US076-US077

Blank Corner Post Half Section

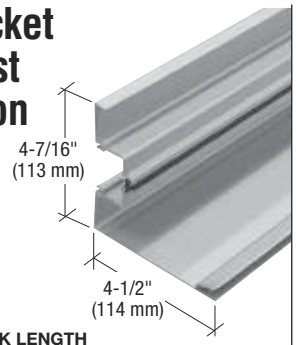


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
JP45411	Clear Anodized
JP45422	Bronze Anodized
JP45433	Black Anodized

Single Pocket Corner Post Half Section

- Thermally Improved

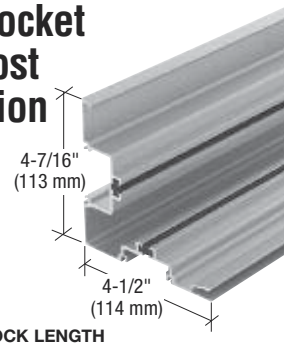


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T44411	Clear Anodized
1T44422	Bronze Anodized
1T44433	Black Anodized

Double Pocket Corner Post Half Section

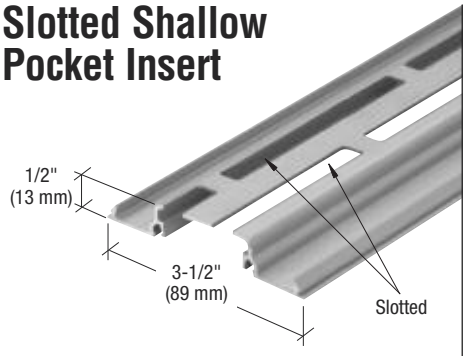
- Thermally Improved



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T44611	Clear Anodized
1T44622	Bronze Anodized
1T44633	Black Anodized

Slotted Shallow Pocket Insert

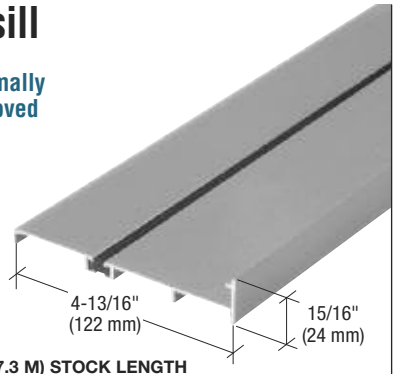


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1X20011	Clear Anodized
1X20022	Bronze Anodized
1X20033	Black Anodized

Subsill

- Thermally Improved

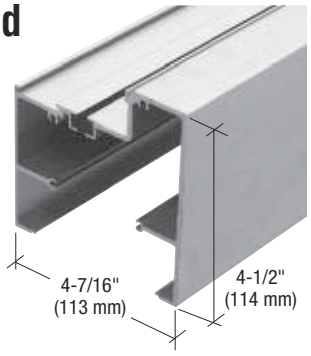


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T10011	Clear Anodized
1T10022	Bronze Anodized
1T10033	Black Anodized

Bulkhead

- Thermally Improved

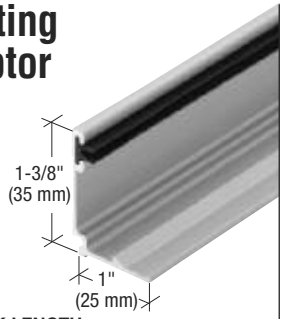


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T44011	Clear Anodized
1T44022	Bronze Anodized
1T44033	Black Anodized

Compensating Jamb Adaptor

- Used With 1T460

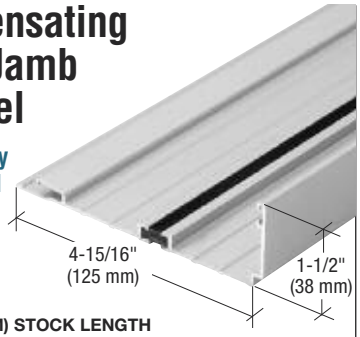


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M41111	Clear Anodized
M41122	Bronze Anodized
M41133	Black Anodized

Compensating Head/Jamb Channel

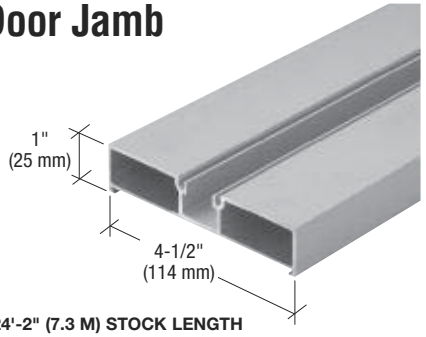
- Thermally Improved



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1T46011	Clear Anodized
1T46022	Bronze Anodized
1T46033	Black Anodized

Door Jamb



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
TJ45011	Clear Anodized
TJ45022	Bronze Anodized
TJ45033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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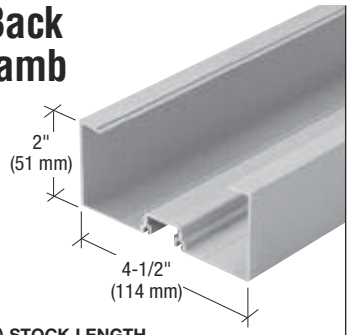
CRL-U.S. Aluminum Series IT451 and IT451-S Thermally Improved Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories see pages US076-US077

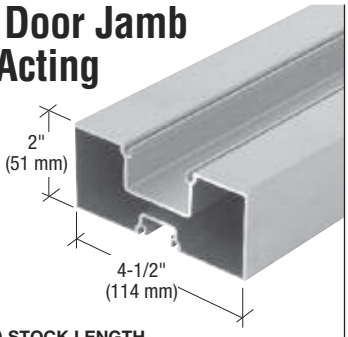
Open Back Door Jamb Single Acting



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S46611	Clear Anodized
1S46622	Bronze Anodized
1S46633	Black Anodized

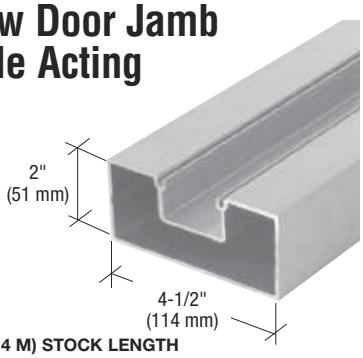
Hollow Door Jamb Single Acting



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S45611	Clear Anodized
1S45622	Bronze Anodized
1S45633	Black Anodized

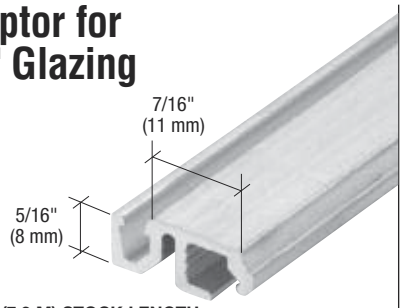
Hollow Door Jamb Double Acting



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
1J45611	Clear Anodized
1J45622	Bronze Anodized
1J45633	Black Anodized

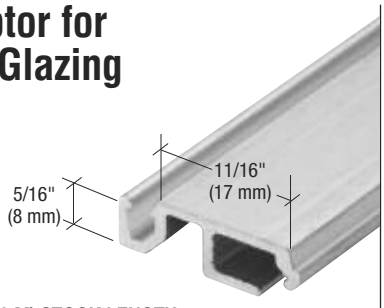
Adaptor for 1/2" Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S05011	Clear Anodized
1S05022	Bronze Anodized
1S05033	Black Anodized

Adaptor for 1/4" Glazing

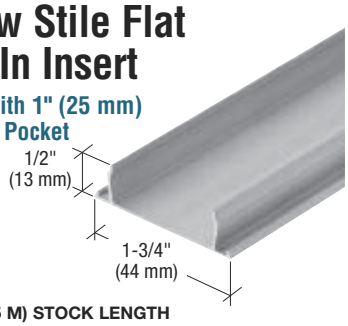


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S25111	Clear Anodized
1S25122	Bronze Anodized
1S25133	Black Anodized

Narrow Stile Flat Snap-In Insert

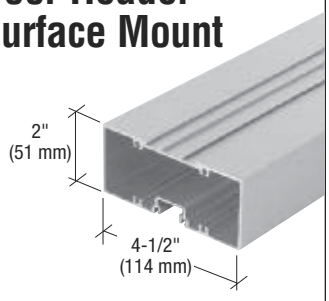
- Used With 1" (25 mm) Glazing Pocket



21'-4" (6.5 M) STOCK LENGTH

CAT. NO.	FINISH
P12511	Clear Anodized
P12522	Bronze Anodized
P12533	Black Anodized

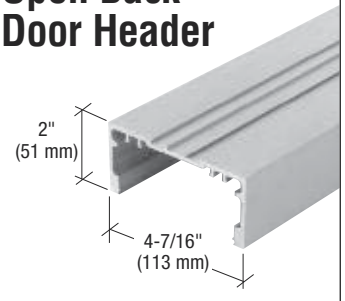
Door Header Surface Mount



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
1S46711	Clear Anodized
1S46722	Bronze Anodized
1S46733	Black Anodized

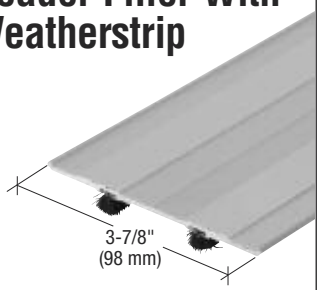
Open Back Door Header



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
1C45711	Clear Anodized
1C45722	Bronze Anodized
1C45733	Black Anodized

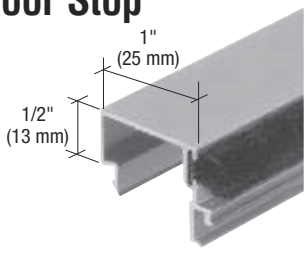
Header Filler With Weatherstrip



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
P42711	Clear Anodized
P42722	Bronze Anodized
P42733	Black Anodized

Snap-In Door Stop



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
DS04711	Clear Anodized
DS04722	Bronze Anodized
DS04733	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series 451, 451-S, IT451, and IT451-S Storefront Accessories

MORE CHOICES crlaurence.com

For Glazing Gaskets see page US087.

End Dam

- Used to Control Infiltrated Water



CAT. NO.	FOR SERIES	QTY/PKG
EC450	All	20

Minimum order: 1 pack.

Subsill Splice Sleeve

- For Use With Subsills FF400 and FT400



CAT. NO.	FOR SERIES	QTY/PKG
SV400	451, IT451 and IT451-S	10

Minimum order: 1 pack.

Stacking Head Splice Sleeve

- For Stacking Head Channel CS568



CAT. NO.	FOR SERIES	QTY/PKG
SV568	451-S	10

Minimum order: 1 pack.

Stacking Sill Splice Sleeve

- For Stacking Sill Channel CS563



CAT. NO.	FOR SERIES	QTY/PKG
SV563	451-S	10

Minimum order: 1 pack.

Steel Stiffener

- 4-1/8" x 3/4" (105 x 19 mm)
- Used With 1S451, 1451, 1S453, 1S455, 1S456, 1S476, and 1J456
- 12 Gauge

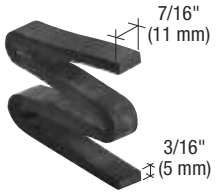


CAT. NO.	FOR SERIES	LENGTH
SS04509	All	9'-0" (2.74 m)
SS04516	All	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

"W" Anti-Walking Block

- Used at Deep Pocket Verticals
- Prevents Glass From Shifting

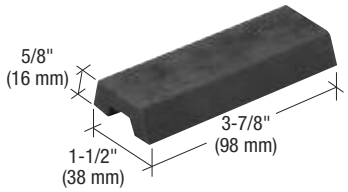


CAT. NO.	FOR SERIES	QTY/PKG
WB452	All	50

Minimum order: 1 pack.

Setting Block

- EPDM

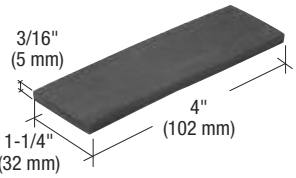


CAT. NO.	FOR SERIES	QTY/PKG
SB200	All	100

Minimum order: 1 pack.

Setting Block

- For Use With 1S463/1S200 Inside Glaze Horizontal

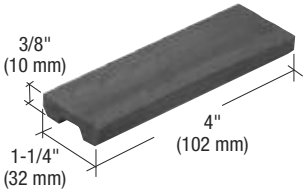


CAT. NO.	FOR SERIES	QTY/PKG
SB240	451 and 451-S	100

Minimum order: 1 pack.

Setting Block

- For Use With 1H463 Inside Glaze Horizontal

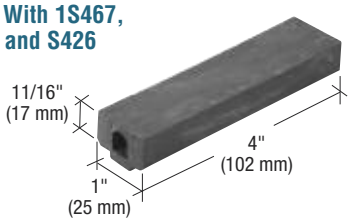


CAT. NO.	FOR SERIES	QTY/PKG
SB110	451 and 451-S	100

Minimum order: 1 pack.

Setting Block

- For Use With 1S467, WS100, and S426
- EPDM



CAT. NO.	FOR SERIES	QTY/PKG
SB510	451	20

Minimum order: 1 pack.

Drill Jig

- For Screw Spline Assembly



CAT. NO.	FOR SERIES	QTY/PKG
DJ125	All	1

Minimum order: 1 each.

Drill Jig

- For Shear Block Assembly



CAT. NO.	FOR SERIES	QTY/PKG
DJ150	All	1

Minimum order: 1 each.

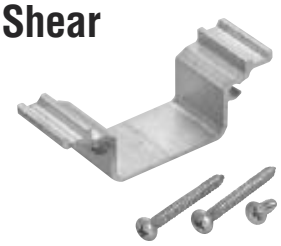
CRL-U.S. Aluminum Series 451, 451-S, IT451, and IT451-S Storefront Accessories

MORE CHOICES crlaurence.com

For Glazing Gaskets see page US087.

Header Shear Block

- Includes Screws

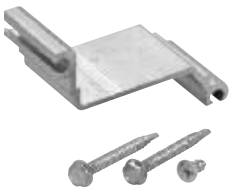


CAT. NO.	FOR SERIES	QTY/PKG
1P452	451, IT451	20

Minimum order: 1 pack.

Horizontal and Sill Shear Block

- Secures Horizontals and Sills to Vertical Members
- Includes Screws

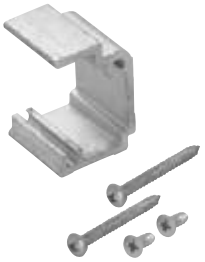


CAT. NO.	FOR SERIES	QTY/PKG
1P453	451 and 451-S	20

Minimum order: 1 pack.

Tubular Intermediate Horizontal Shear Block

- Includes Screws



CAT. NO.	FOR SERIES	QTY/PKG
1P456	451	20

Minimum order: 1 pack.

Head/Sill Shear Block

- Includes Screws

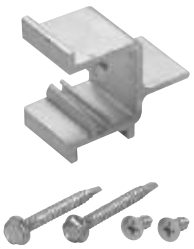


CAT. NO.	FOR SERIES	QTY/PKG
1P442	IT451 and IT451-S	20

Minimum order: 1 pack.

Intermediate Horizontal Shear Block

- Includes Screws



CAT. NO.	FOR SERIES	QTY/PKG
1P423	IT451 and IT451-S	20

Minimum order: 1 pack.

Sill Shear Block

- Secures Bulkhead Sills to Verticals



CAT. NO.	FOR SERIES	QTY/PKG
AP225	451	10

Minimum order: 1 pack.

Optional Head Anchor

- Accommodates Thermal Expansion and Live Loading Between Floors

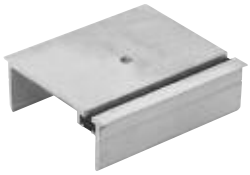


CAT. NO.	FOR SERIES	QTY/PKG
HC250	451 and IT451	30

Minimum order: 1 pack.

Optional Head Anchor

- For Thermally Improved Systems



CAT. NO.	FOR SERIES	QTY/PKG
HT250	IT451	30

Minimum order: 1 pack.

Vertical Closure Plate

- Used for Perimeter Seal



CAT. NO.	FOR SERIES	QTY/PKG
CP145	All	20

Minimum order: 1 pack.

Shallow Pocket Water Deflector

- Diverts Water to Subsill for Weeping to Exterior



CAT. NO.	FOR SERIES	QTY/PKG
WD210	All	50

Minimum order: 1 pack.

Deep Pocket Water Deflector

- Diverts Water to Subsill for Weeping to Exterior



CAT. NO.	FOR SERIES	QTY/PKG
WD200	All	50

Minimum order: 1 pack.

Assembly Screw

- #10 x 1" (25 mm) Hex Washer Head Sheet Metal Screw
- Use With Screw Race Joinery



CAT. NO.	FOR SERIES	QTY/PKG
ST251	All	200

Minimum order: 1 pack.

CRL-U.S. Aluminum Series FF451 Flush Front Storefront

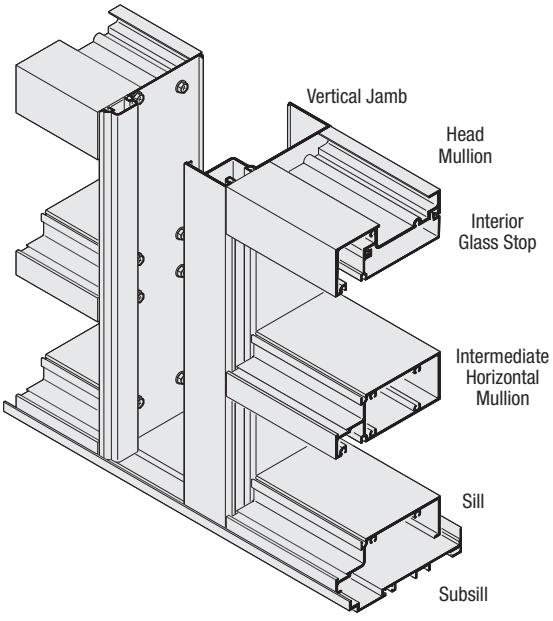
- Flush In or Flush Out for 1" (25 mm) Glazing
- Screw Spline Joinery for Panel Installation
- Available Interior or Exterior Glazing
- Three Stock Finishes Plus Custom Paint Available



CRL-U.S. Aluminum Flush Front™ Systems allow the plane of the glass to be reversed from exterior to interior or any combination to give these standard systems a custom look. Flush Front™ is ideal for use in storefront and punched opening or ribbon window applications. Flush Front™ Systems accommodate most U.S. Aluminum Entrance Doors.

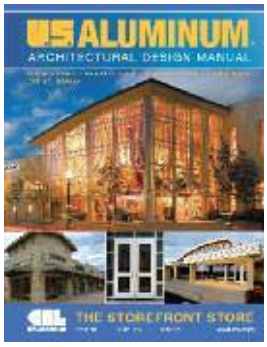
System features screw race joinery with split vertical mullions which allows for framing to be shop fabricated and shipped to the job site partially or totally assembled into panels. The assembled panel units are then snapped together into long runs. Subsills with factory pre-punched weep slots must be used with these systems.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

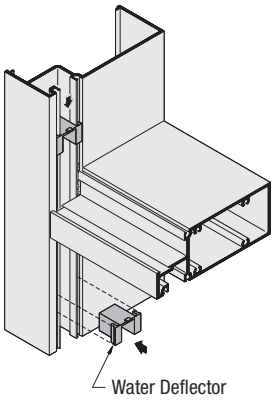


SERIES FF451
Flush Front System

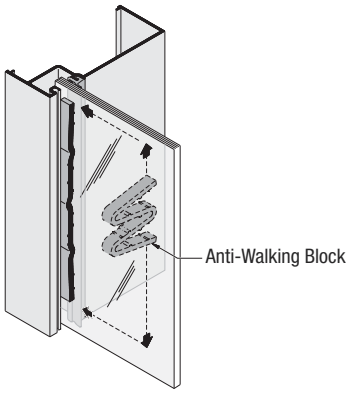
MORE INFORMATION
crlaurence.com



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.



Water Deflector Application



Anti-Walking Block Application

SERIES	FACE WIDTH	DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
FF451	2" (51 mm)	4-1/2" (114 mm)	1" (25 mm)	Exterior / Interior	Ground Floor to Mid-Rise Buildings. Ideal for Fixed Horizontal Ribbon Windows

CRL-U.S. Aluminum Series FF451 Flush Front Storefront Profiles

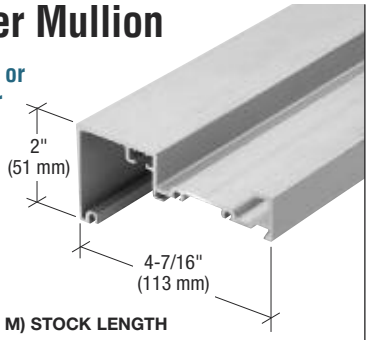
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US086-US087

Header Mullion

- Interior or Exterior Glazing

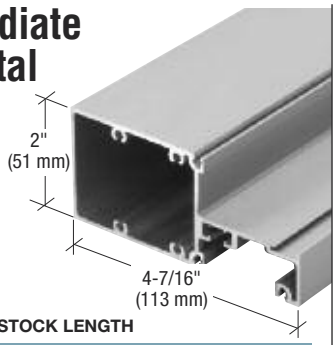


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF57311	Clear Anodized
FF57322	Bronze Anodized
FF57333	Black Anodized

Intermediate Horizontal Mullion

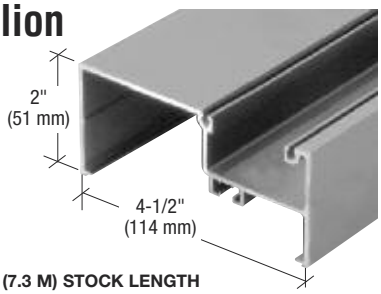
- Used With Exterior Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FH55311	Clear Anodized
FH55322	Bronze Anodized
FH55333	Black Anodized

Wall Jamb/Vertical Mullion

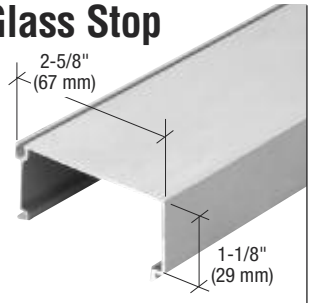


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF55211	Clear Anodized
FF55222	Bronze Anodized
FF55233	Black Anodized

Interior Glass Stop

- Used With FF573 and FH563

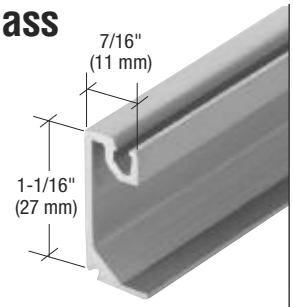


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M57311	Clear Anodized
M57322	Bronze Anodized
M57333	Black Anodized

Exterior Glass Stop

- Used With FH553 and FF583

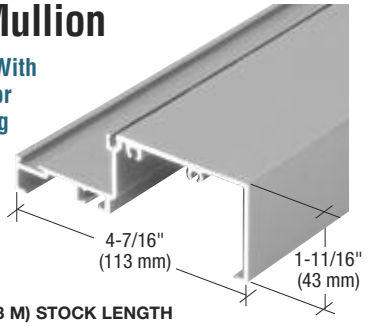


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M11611	Clear Anodized
M11622	Bronze Anodized
M11633	Black Anodized

Sill Mullion

- Used With Exterior Glazing

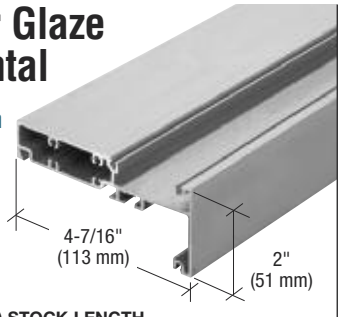


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF58311	Clear Anodized
FF58322	Bronze Anodized
FF58333	Black Anodized

Interior Glaze Horizontal

- Used With M573

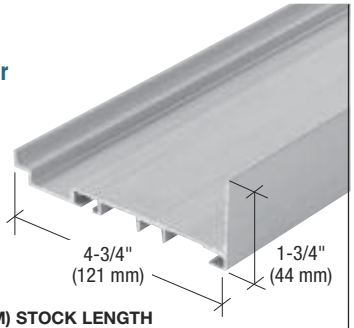


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FH56311	Clear Anodized
FH56322	Bronze Anodized
FH56333	Black Anodized

Subsill

- Interior or Exterior Glazing

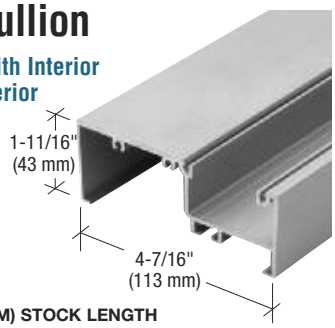


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF40011	Clear Anodized
FF40022	Bronze Anodized
FF40033	Black Anodized

Sill Mullion

- Used With Interior and Exterior Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF58211	Clear Anodized
FF58222	Bronze Anodized
FF58233	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL-U.S. Aluminum Series FF451 Flush Front Storefront Profiles

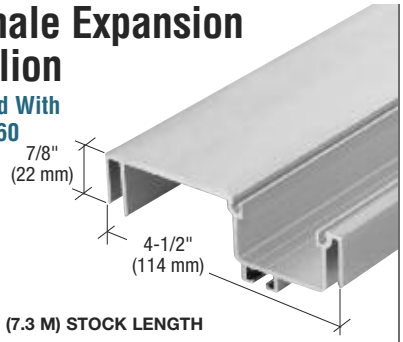
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US086-US087

Female Expansion Mullion

- Used With FF560

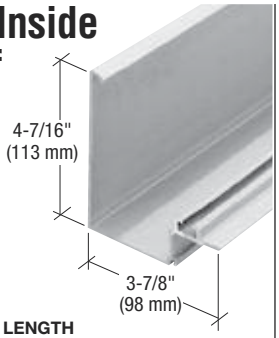


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF56911	Clear Anodized
FF56922	Bronze Anodized
FF56933	Black Anodized

90 Degree Inside Corner Half Section

- Used With FF570

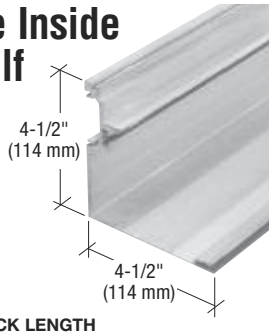


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF57511	Clear Anodized
FF57522	Bronze Anodized
FF57533	Black Anodized

90 Degree Inside Corner Half Section

- Used With FF575

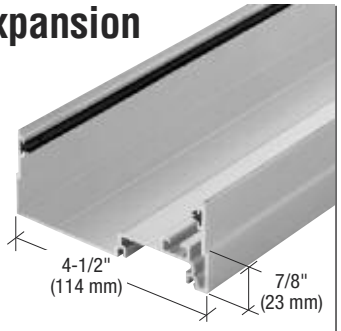


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF57011	Clear Anodized
FF57022	Bronze Anodized
FF57033	Black Anodized

Male Expansion Mullion

- Includes Weather Strip
- Used With FF569

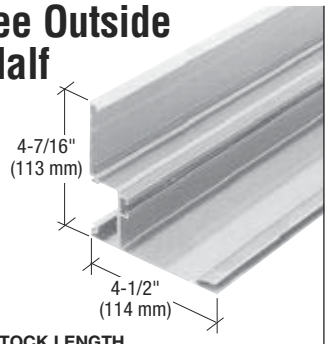


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF56011	Clear Anodized
FF56022	Bronze Anodized
FF56033	Black Anodized

90 Degree Outside Corner Half Section

- Used With FF580

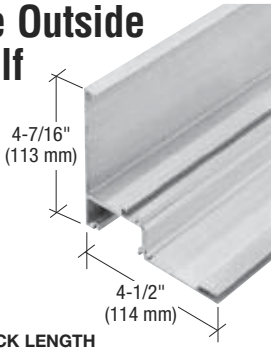


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF59011	Clear Anodized
FF59022	Bronze Anodized
FF59033	Black Anodized

90 Degree Outside Corner Half Section

- Used With FF590

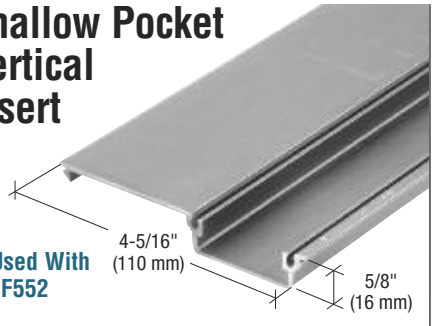


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF58011	Clear Anodized
FF58022	Bronze Anodized
FF58033	Black Anodized

Shallow Pocket Vertical Insert

- Used With FF552

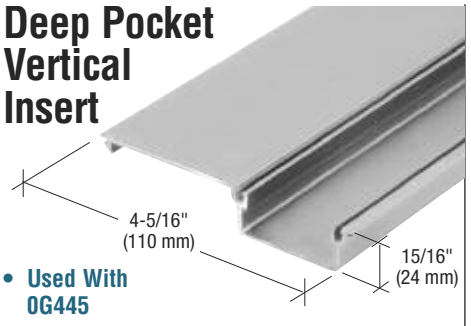


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
RF21011	Clear Anodized
RF21022	Bronze Anodized
RF21033	Black Anodized

Deep Pocket Vertical Insert

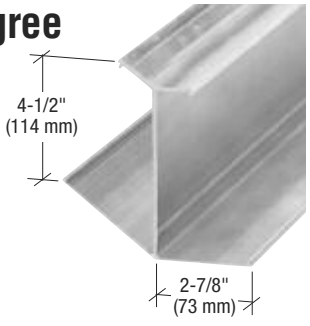
- Used With 0G445



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
RF11011	Clear Anodized
RF11022	Bronze Anodized
RF11033	Black Anodized

135 Degree Corner Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G44511	Clear Anodized
0G44522	Bronze Anodized
0G44533	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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CRL-U.S. Aluminum Series FF451 Flush Front Storefront Profiles

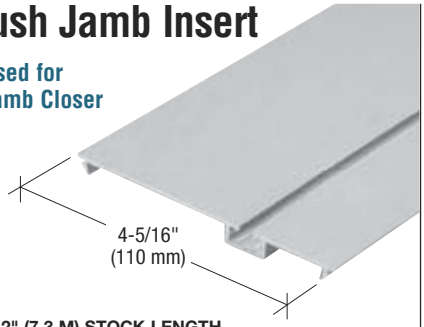
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US086-US087

Flush Jamb Insert

- Used for Jamb Closer

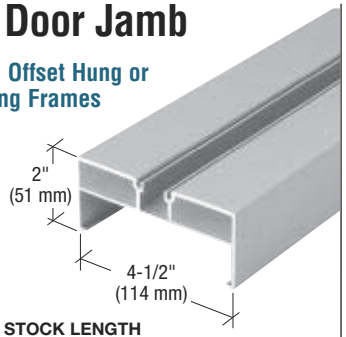


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
PF10011	Clear Anodized
PF10022	Bronze Anodized
PF10033	Black Anodized

Hollow Door Jamb

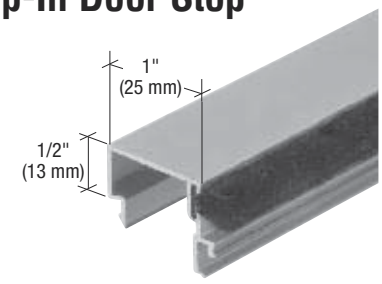
- Used With Offset Hung or Center Hung Frames



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF53611	Clear Anodized
FF53622	Bronze Anodized
FF53633	Black Anodized

Snap-In Door Stop

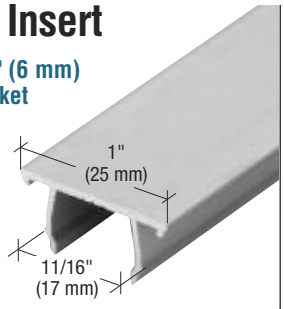


21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
DS04711	Clear Anodized
DS04722	Bronze Anodized
DS04733	Black Anodized

Flat Insert

- 1/4" (6 mm) Pocket

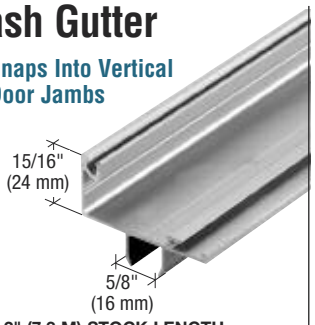


21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
P05011	Clear Anodized
P05022	Bronze Anodized
P05033	Black Anodized

Sash Gutter

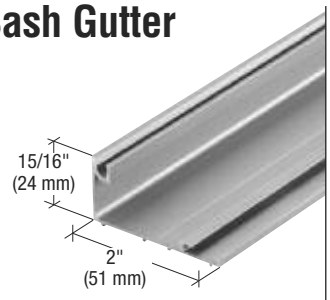
- Snaps Into Vertical Door Jambs



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
142711	Clear Anodized
142722	Bronze Anodized
142733	Black Anodized

Sash Gutter

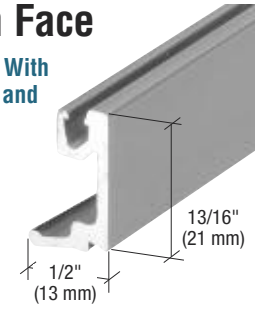


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
142511	Clear Anodized
142522	Bronze Anodized
142533	Black Anodized

Sash Face

- Used With 1427 and 1425



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1M42511	Clear Anodized
1M42522	Bronze Anodized
1M42533	Black Anodized

Adaptor for 1/4" Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S25111	Clear Anodized
1S25122	Bronze Anodized
1S25133	Black Anodized

Open Back Door Header



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
1C45711	Clear Anodized
1C45722	Bronze Anodized
1C45733	Black Anodized

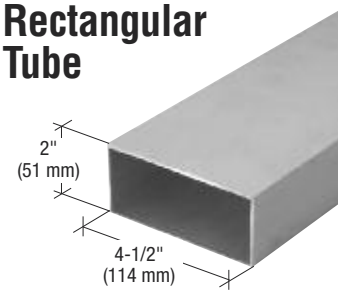
Header Filler With Weatherstrip



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
P42711	Clear Anodized
P42722	Bronze Anodized
P42733	Black Anodized

Rectangular Tube



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
145011	Clear Anodized
145022	Bronze Anodized
145033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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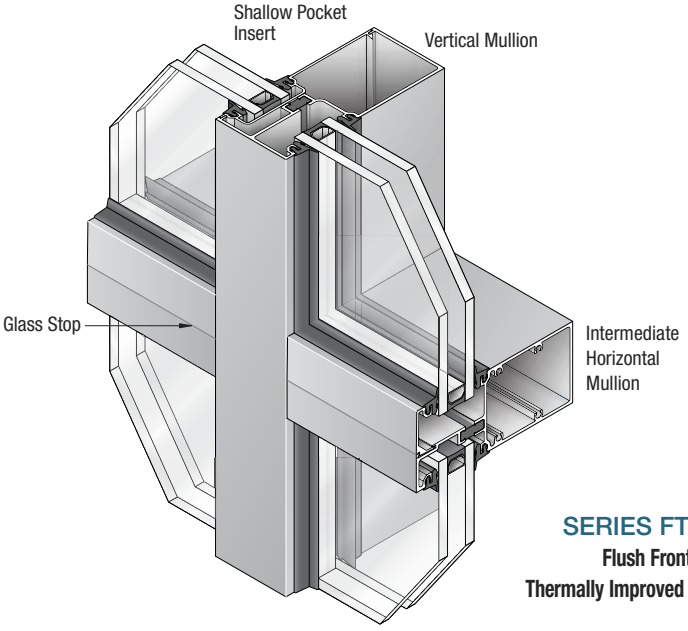
CRL-U.S. Aluminum Series FT451 Thermally Improved Storefront

- Superior Thermal Performance
- Flush In or Flush Out 1" (25 mm) Glazing
- For Interior or Exterior Glazing
- Available for Screw Race Joinery or Panel Type Installations
- Three Finishes Plus Custom Paint Available



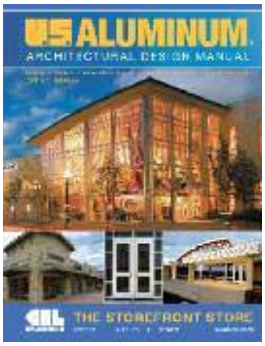
Flush Front™ Systems feature screw race joinery and panel type installation, which allows for shop or job site fabrication. Injection molded water deflectors at intermediate horizontals, and a continuous sill gutter with factory pre-punched weep slots, ensure control of any infiltrated water. The plane of the glass may be reversed from exterior to interior or any combination to give these standard systems a custom look. Flush Front™ Series FT451 offers improved thermal performance using the Poly-Aluminizer™ thermal break technology. Series FT451 may be glazed from the interior or exterior using a top load E.P.D.M. glazing gasket. This multi-purpose product was also designed and tested for use as a Window Wall System, and is an ideal choice for fixed horizontal ribbon window applications. Flush Front Systems accommodate most U.S. Aluminum Entrance Doors.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.



SERIES FT451
Flush Front
Thermally Improved Storefront

MORE INFORMATION
crlaurence.com



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at **crlaurence.com/catalogs**.

SERIES	FACE WIDTH	BACK MEMBER DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
FT451	2" (51 mm)	4-1/2" (114 mm)	1" (25 mm)	Exterior/Interior	Ground Floor to Mid-Rise Buildings. Ideal for Fixed Horizontal Ribbon Windows.

CRL-U.S. Aluminum Series FT451 Thermally Improved Storefront Profiles

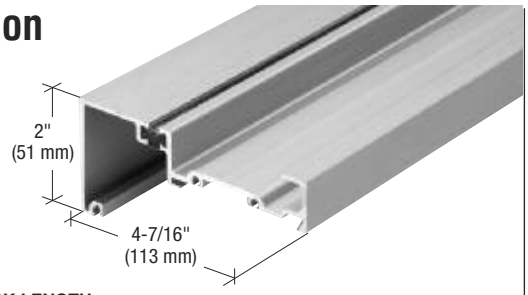
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US086-US087

Head Mullion

- Thermally Improved
- Used With Interior or Exterior Glazing

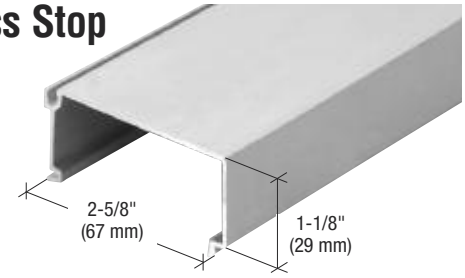


24'-2" (7.36 M) STOCK LENGTH

CAT. NO.	FINISH
FT57311	Clear Anodized
FT57322	Bronze Anodized
FT57333	Black Anodized

Interior Glass Stop

- Used With FT573

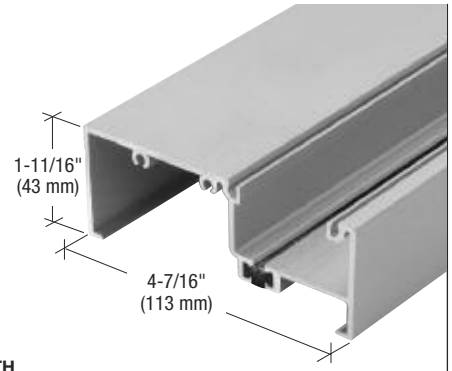


24'-2" (7.36 M) STOCK LENGTH

CAT. NO.	FINISH
M57311	Clear Anodized
M57322	Bronze Anodized
M57333	Black Anodized

Sill

- Thermally Improved
- Used With Flush Out Interior Glazing
- Used With Flush In Exterior Glazing

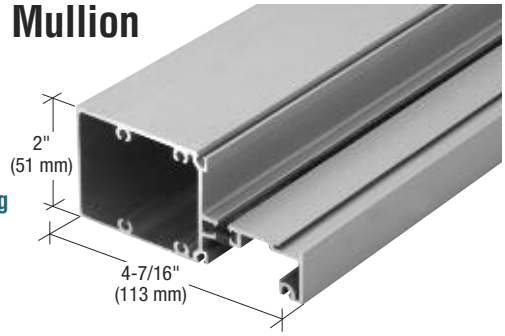


24'-2" (7.36 M) STOCK LENGTH

CAT. NO.	FINISH
FT58211	Clear Anodized
FT58222	Bronze Anodized
FT58233	Black Anodized

Horizontal Mullion

- Thermally Improved
- Used With Flush Out Exterior Glazing

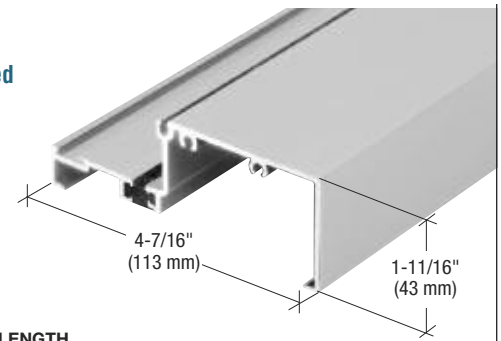


24'-2" (7.36 M) STOCK LENGTH

CAT. NO.	FINISH
FT55311	Clear Anodized
FT55322	Bronze Anodized
FT55333	Black Anodized

Sill

- Thermally Improved
- Used With Flush Out Exterior Glazing

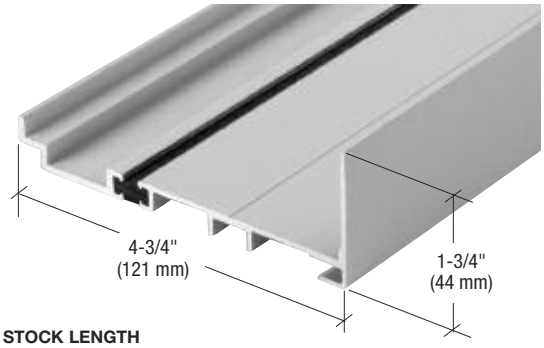


24'-2" (7.36 M) STOCK LENGTH

CAT. NO.	FINISH
FT58311	Clear Anodized
FT58322	Bronze Anodized
FT58333	Black Anodized

Subsill

- Thermally Improved



24'-2" (7.36 M) STOCK LENGTH

CAT. NO.	FINISH
FT40011	Clear Anodized
FT40022	Bronze Anodized
FT40033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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CRL-U.S. Aluminum Series FT451 Thermally Improved Storefront Profiles

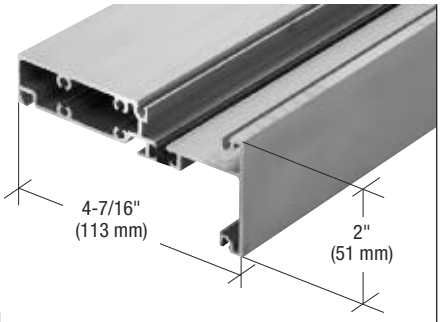
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US086-US087

Intermediate Horizontal Mullion

- Thermally Improved
- Used With Flush In or Flush Out Glazing

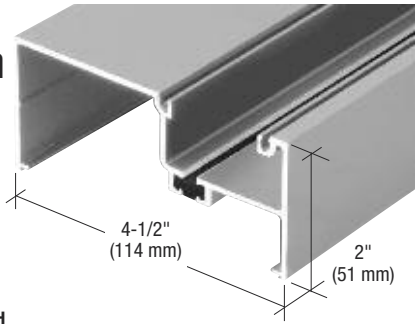


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FT56311	Clear Anodized
FT56322	Bronze Anodized
FT56333	Black Anodized

Open Back Vertical Mullion

- Thermally Improved

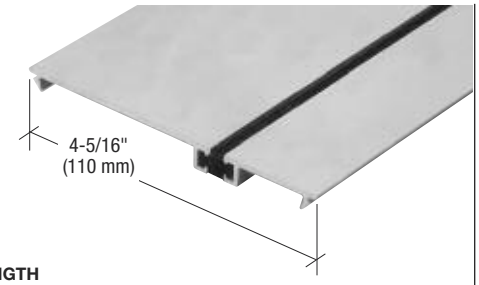


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FT55211	Clear Anodized
FT55222	Bronze Anodized
FT55233	Black Anodized

Flush Jamb Insert

- Thermally Improved

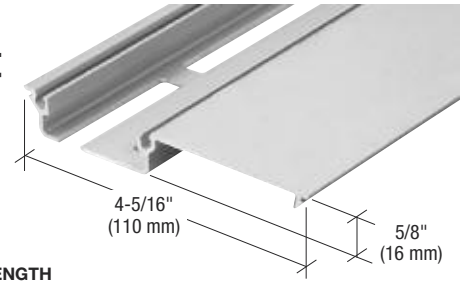


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
PT10011	Clear Anodized
PT10022	Bronze Anodized
PT10033	Black Anodized

Shallow Pocket Insert

- Slotted for Thermally Improved Performance



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
RX21011	Clear Anodized
RX21022	Bronze Anodized
RX21033	Black Anodized

Exterior Glass Stop

- Used With FT553 and FT583

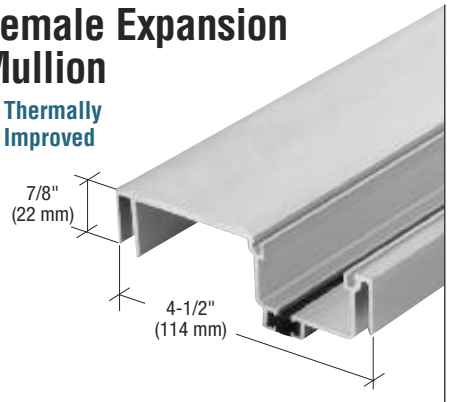


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M11611	Clear Anodized
M11622	Bronze Anodized
M11633	Black Anodized

Female Expansion Mullion

- Thermally Improved

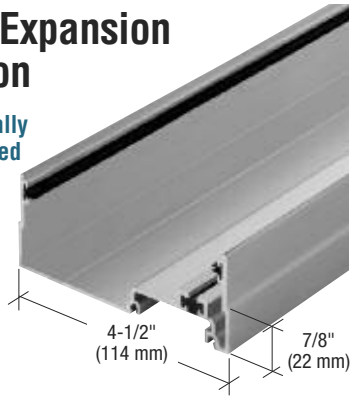


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FT56911	Clear Anodized
FT56922	Bronze Anodized
FT56933	Black Anodized

Male Expansion Mullion

- Thermally Improved
- With VS200 Gasket



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FT56011	Clear Anodized
FT56022	Bronze Anodized
FT56033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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CRL-U.S. Aluminum Series FT451 Thermally Improved Storefront Profiles

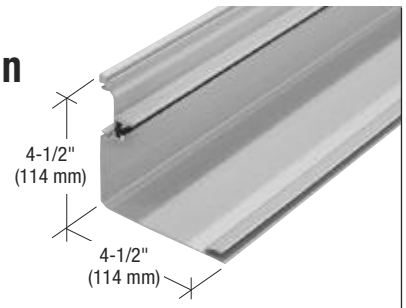
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US086-US087

90 Degree Inside Corner Half Section

- Thermally Improved
- Used With FT575

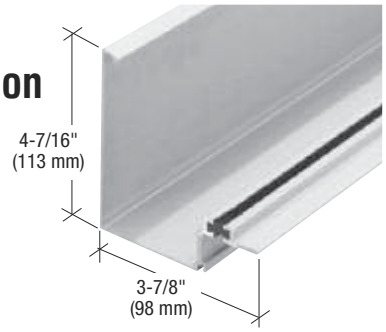


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FT57011	Clear Anodized
FT57022	Bronze Anodized
FT57033	Black Anodized

90 Degree Inside Corner Half Section

- Thermally Improved
- Used With FT570

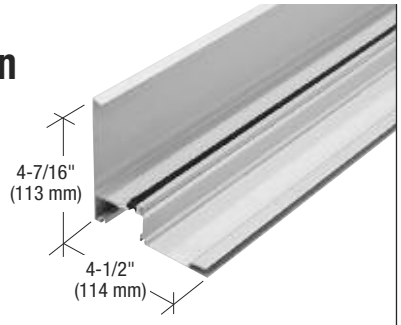


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FT57511	Clear Anodized
FT57522	Bronze Anodized
FT57533	Black Anodized

90 Degree Outside Corner Half Section

- Thermally Improved
- Used With FT590

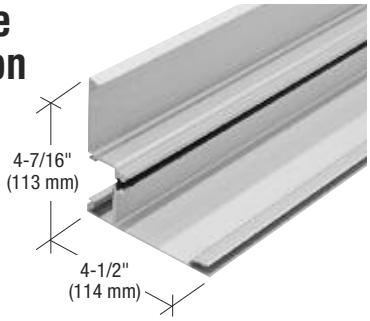


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FT58011	Clear Anodized
FT58022	Bronze Anodized
FT58033	Black Anodized

90 Degree Outside Corner Half Section

- Thermally Improved
- Used With FT580

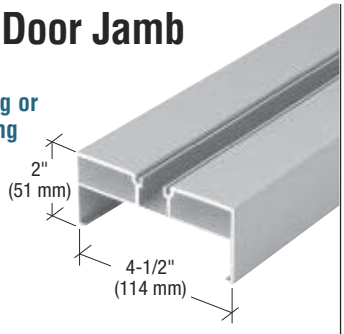


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FT59011	Clear Anodized
FT59022	Bronze Anodized
FT59033	Black Anodized

Hollow Door Jamb

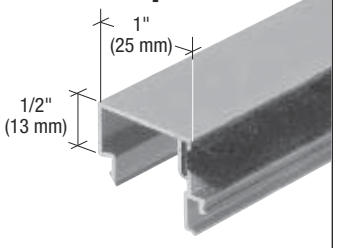
- Used With Offset Hung or Center Hung Frames



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF53611	Clear Anodized
FF53622	Bronze Anodized
FF53633	Black Anodized

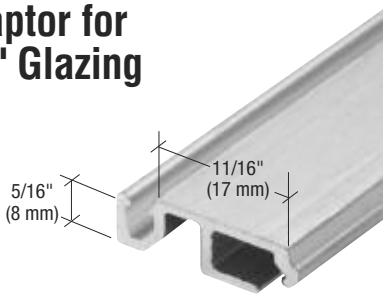
Door Stop With Weatherstrip



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
DS04711	Clear Anodized
DS04722	Bronze Anodized
DS04733	Black Anodized

Adaptor for 1/4" Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S25111	Clear Anodized
1S25122	Bronze Anodized
1S25133	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series FF451 and FT451 Storefront Accessories

MORE INFORMATION crlaurence.com

End Dam

- Used to Control Infiltrated Water



CAT. NO.	FOR SERIES	QTY/PKG
EC450	All	20

Minimum order: 1 pack.

Subsill Splice Sleeve

- For Use With FF400 and FT400 Subsills

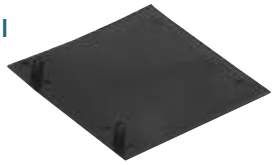


CAT. NO.	FOR SERIES	QTY/PKG
SV400	All	10

Minimum order: 1 pack.

Vertical Closure Plate

- Used for Perimeter Seal



CAT. NO.	FOR SERIES	QTY/PKG
CP550	All	20

Minimum order: 1 pack.

Water Deflector

- Used at Deep Pocket Side



CAT. NO.	FOR SERIES	QTY/PKG
WD200	All	50

Minimum order: 1 pack.

Water Deflector

- Used at Shallow Pocket Side

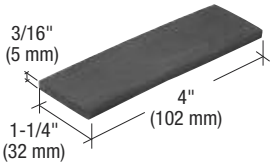


CAT. NO.	FOR SERIES	QTY/PKG
WD210	All	50

Minimum order: 1 pack.

Setting Block

- For Use with 1S463/1S200 Inside Glazed Horizontal

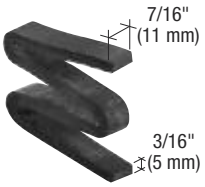


CAT. NO.	FOR SERIES	QTY/PKG
SB240	All	100

Minimum order: 1 pack.

"W" Anti-Walking Block

- Used at Deep Pocket Verticals
- Prevents Glass From Shifting

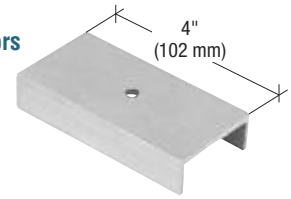


CAT. NO.	FOR SERIES	QTY/PKG
WB452	All	50

Minimum order: 1 pack.

Head Anchor

- Accommodates Live Loading Between Floors



CAT. NO.	FOR SERIES	QTY/PKG
HC200	All	30

Minimum order: 1 pack.

Drill Jig

- Screw Race Joinery Drill Guide for Assembly Screws



CAT. NO.	FOR SERIES	QTY/PKG
DJ552	All	1

Minimum order: 1 each.

Steel Stiffener

- Used With FF560/FF569 and FT560/FT569 Expansion Mullions
- 2" x 1-7/16" (51 x 36 mm)
- 10 Gauge



CAT. NO.	FOR SERIES	LENGTH
SS56916	All	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- Used With FF552 and FT552 Mullions
- 2-1/4" x 1-3/16" (57 x 30 mm)
- 7 Gauge



CAT. NO.	FOR SERIES	LENGTH
SS55216	All	16'-0" (4.88 m)

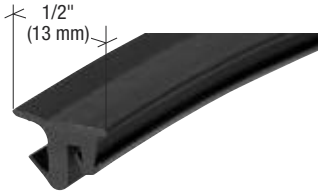
Minimum order: 1 stock length. Must ship common carrier.

CRL-U.S. Aluminum Storefront Accessories

MORE CHOICES
crlaurence.com

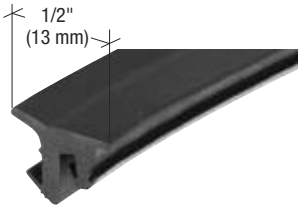
Glazing Gasket Chart for Storefront Products

SYSTEM SERIES	GLASS THICKNESS	OUTSIDE GLAZING		INSIDE GLAZING		POCKET WIDTH	ADAPTOR
		EXTERIOR	INTERIOR	EXTERIOR	INTERIOR		
400/400-S 450/450-S	3/16" (5 mm)	NP218	NP225	NP225	NP218	5/8" (16 mm)	
	1/4" (6 mm)	NP225	NP225	NP225	NP225		
	5/16" (8 mm)	NP225	NP238	NP238	NP225		
	3/8" (10 mm)	NP238	NP238	NP238	NP238		
451/451-S 1T451 FF451 FT451	1/4" (6 mm)	NP225	NP225	NP225	NP225	5/8" (16 mm)	1S251
	5/16" (8 mm)	NP225	NP238	NP238	NP225		
	7/16" (11 mm)	NP218	NP225	NP225	NP218	7/8" (22 mm)	1S050
	1/2" (12 mm)	NP225	NP225	NP225	NP225		
	9/16" (14 mm)	NP225	NP238	NP238	NP225		
	5/8" (16 mm)	NP238	NP238	NP238	NP238		
	7/8" (22 mm)	NP218	NP218	NP218	NP218	1-3/8" (35 mm)	
	15/16" (24 mm)	NP218	NP225	NP225	NP218		
	1" (25 mm)	NP225	NP225	NP225	NP225		
	1-1/16" (27 mm)	NP225	NP238	NP238	NP225		
	1-1/8" (29 mm)	NP238	NP238	NP238	NP238		



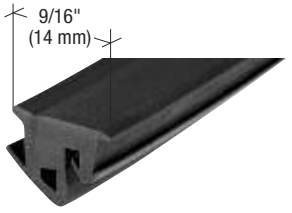
CAT. NO.	COLOR	TYPE	ROLL LENGTH
NP225	Black EPDM	Interior/ Exterior	500' (152.4 m)

Minimum order: 1 roll.



CAT. NO.	COLOR	TYPE	ROLL LENGTH
NP238	Black EPDM	Interior/ Exterior	500' (152.4 m)

Minimum order: 1 roll.

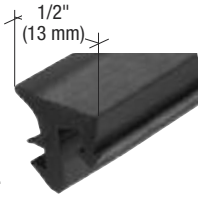


CAT. NO.	COLOR	TYPE	ROLL LENGTH
NP218	Black EPDM	Exterior Heavy Gasket	250' (76.2 m)

Minimum order: 1 roll.

Universal EPDM Gasket

Adaptable replacement for many storefront systems.

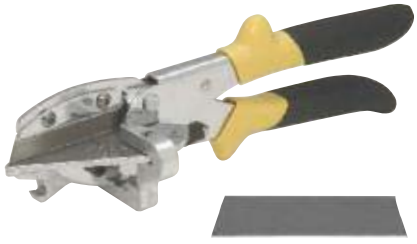


CAT. NO.	COLOR	TYPE	ROLL LENGTH
NP299	Black EPDM	Universal Storefront Gasket	500' (152.4 m)

Minimum order: 1 roll.

Adjustable Multi-Cutter Tool

- Makes Precise Straight or Miter Cuts in Gaskets
- Adjustable Guide Block



CAT. NO.	DESCRIPTION
MC80N	Multi-Cutter
MC80RB	Pack of 5 Blades

Minimum order: 1 each or 1 pack.

CRL-U.S. Aluminum Series IG500 Storm Front™ Storefront

MORE INFORMATION crlaurence.com

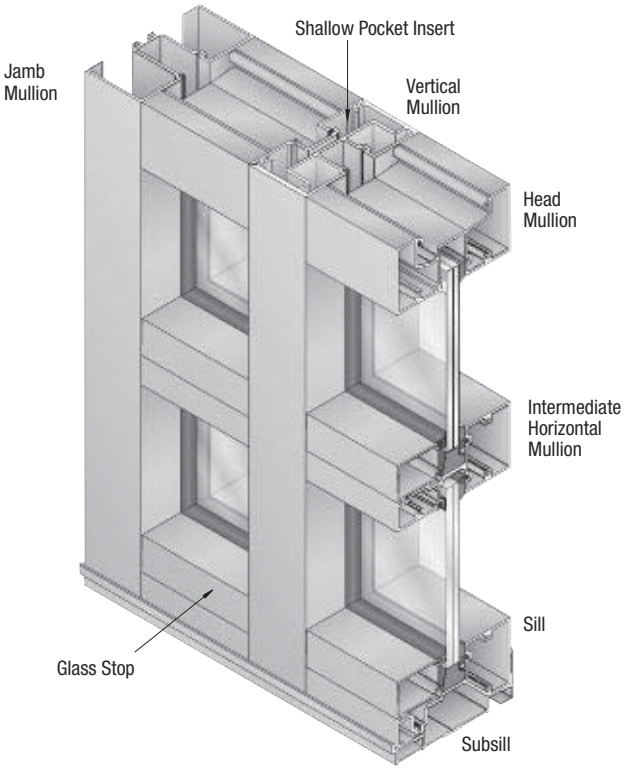
- 2-1/2" (64 mm) Face Width x 5" (127 mm) Depth
- For 9/16" (14 mm) Glazing
- Large Missile Impact Tested
- Structurally Tested to 210 MPH
- Screw Spline Assembly
- Dry Glazed
- Other Profile Sizes Available



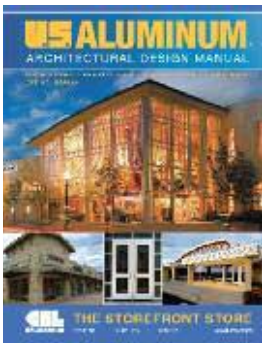
This IG500 Series Framing System provides for flush glazing on all sides with no projecting stops. Vertical and horizontal framing members have a nominal face dimension of 2-1/2" (63.5 mm). Overall depth is 5" (127 mm). Provides for internal drainage of infiltrated water into an extruded aluminum subsill channel where it is drained to the exterior through weep slots.

IG500 Storefront is designed for use with 9/16" (14 mm) Laminated Heat-Strengthened Impact Glass with SentryGlas® Plus interlayer as per Dade County Codes.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.



SERIES IG500
Storm Front™ Storefront



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.

SERIES	FACE WIDTH	BACK MEMBER DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
IG500	2-1/2" (63.5 mm)	5" (127 mm)	9/16" (14 mm)	Exterior	Storefronts in Regions Requiring Hurricane Resistant Performance

SentryGlas is a registered trademark of E.I. du Pont de Nemours and Company.

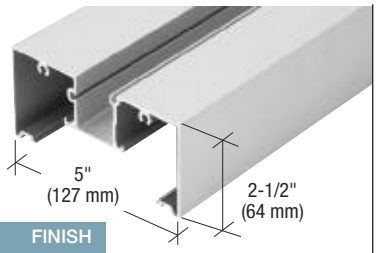
CRL-U.S. Aluminum Series IG500 Storm Front™ Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

For Accessories, see page US091

MORE CHOICES crlaurence.com

Head/Jamb Mullion

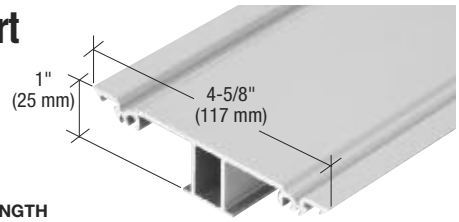


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G52611	Clear Anodized
1G52622	Bronze Anodized
1G52633	Black Anodized

Snap-In Insert

- Used With 1G526 Head Mullion

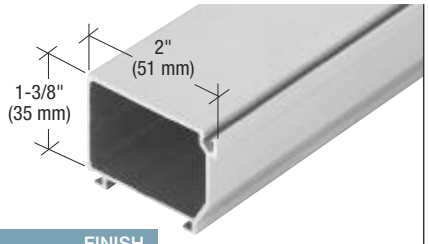


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G10011	Clear Anodized
1G10022	Bronze Anodized
1G10033	Black Anodized

Glass Stop

- Used with 1G562 and 1G572 for 9/16" (14 mm) Glass

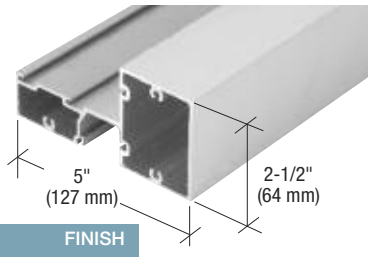


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G56311	Clear Anodized
1G56322	Bronze Anodized
1G56333	Black Anodized

Intermediate Horizontal Mullion

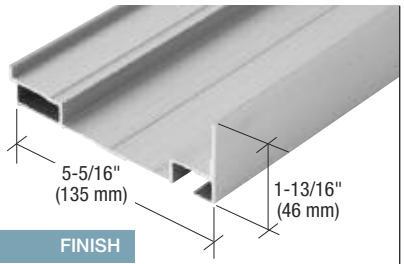
- For 9/16" (14 mm) Glass



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G56211	Clear Anodized
1G56222	Bronze Anodized
1G56233	Black Anodized

Subsill

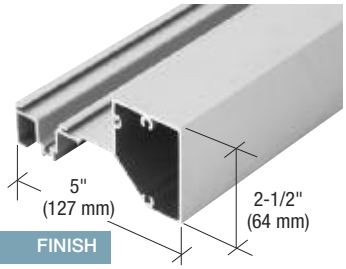


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G57011	Clear Anodized
1G57022	Bronze Anodized
1G57033	Black Anodized

Sill

- Used With 1G570

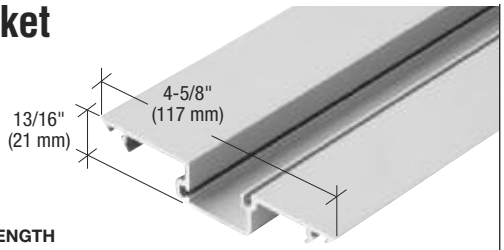


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G57211	Clear Anodized
1G57222	Bronze Anodized
1G57233	Black Anodized

Shallow Pocket Insert

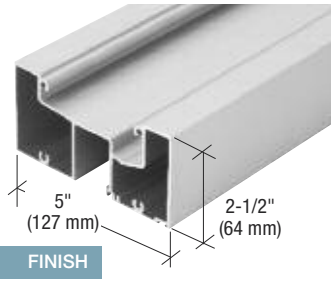
- Used With 1G526 Vertical Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G52411	Clear Anodized
1G52422	Bronze Anodized
1G52433	Black Anodized

Door Frame Head



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G56811	Clear Anodized
1G56822	Bronze Anodized
1G56833	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

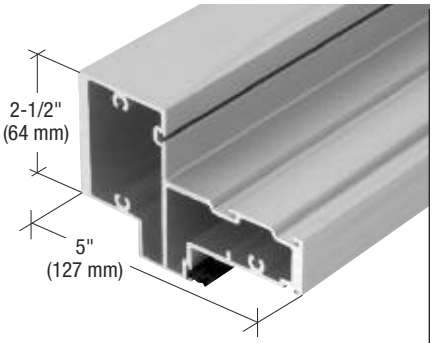
CRL-U.S. Aluminum Series IG500 Storm Front™ Storefront Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

For Accessories, see page US091

MORE INFORMATION crlaurence.com

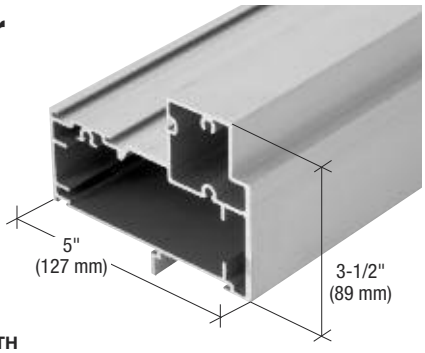
Transom Door Header for Surface Closer



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G56711	Clear Anodized
1G56722	Bronze Anodized
1G56733	Black Anodized

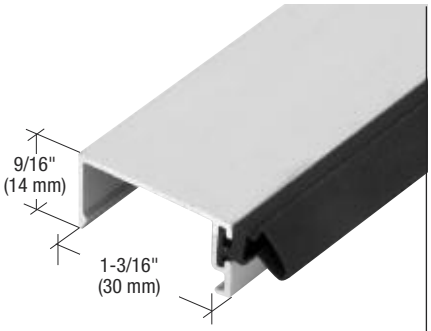
Transom Door Header for Overhead Concealed Closer



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1G57711	Clear Anodized
1G57722	Bronze Anodized
1G57733	Black Anodized

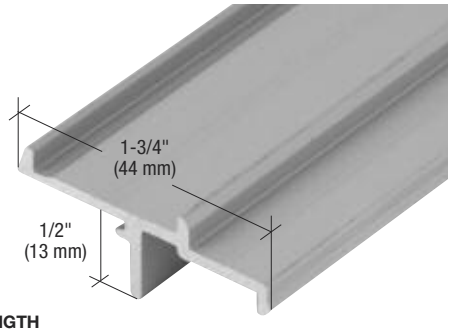
Door Stop With Weatherseal



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
1G04611	Clear Anodized
1G04622	Bronze Anodized
1G04633	Black Anodized

Door Stop Insert

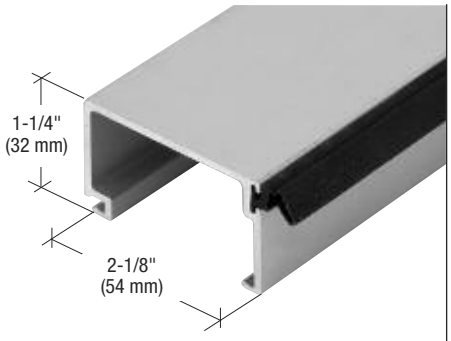


21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
1G04711	Clear Anodized
1G04722	Bronze Anodized
1G04733	Black Anodized

Door Stop With Weatherseal

- Used With 1G577 Transom Header

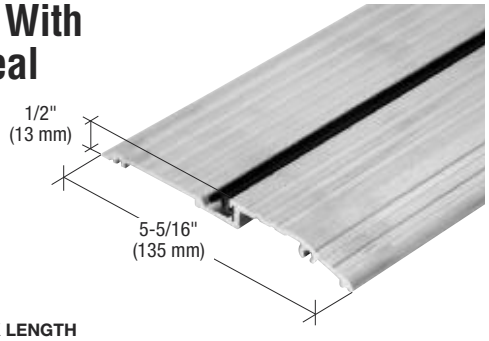


21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
1G20011	Clear Anodized
1G20022	Bronze Anodized
1G20033	Black Anodized

Threshold With Weatherseal

- Air Resistant



21'-4" (6.5 M) STOCK LENGTH

CAT. NO.	FINISH
TH82111	Clear Anodized
TH82122	Bronze Anodized
TH82199	Mill

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

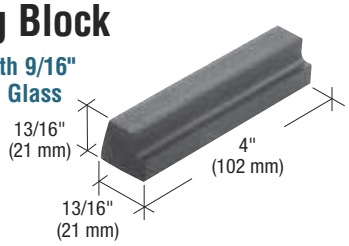
CRL-U.S. Aluminum Series IG500 Storm Front™ Storefront Accessories

MORE CHOICES crlaurence.com

Storm Front.

Setting Block

- Used With 9/16" (14 mm) Glass



CAT. NO.	QTY/PKG
SB916	100

Minimum order: 1 pack.

Vertical Closure Plate

- Nylon



CAT. NO.	QTY/PKG
CP801	50

Minimum order: 1 pack.

Water Deflector

- Used With 1G524



CAT. NO.	QTY/PKG
WD801	50

Minimum order: 1 pack.

Water Deflector

- Used With 1G526

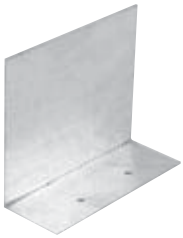


CAT. NO.	QTY/PKG
WD802	50

Minimum order: 1 pack.

End Dam

- Used to Control Infiltrated Water

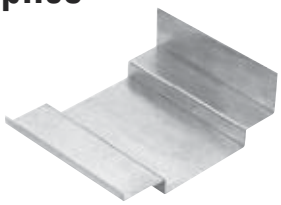


CAT. NO.	QTY/PKG
EC801	20

Minimum order: 1 pack.

Subsill Splice Sleeve

- Used With Subsills



CAT. NO.	QTY/PKG
SV102	10

Minimum order: 1 pack.

Assembly Screw

- #12 x 3/4" (19 mm) Hex Washer Head Sheet Metal Screw
- Sill to Subsill Attachment



CAT. NO.	QTY/PKG
ST268	100

Minimum order: 1 pack.

Assembly Screw

- #12 x 1" (25 mm) Hex Washer Head Sheet Metal Screw
- Used for Reinforcement to Vertical Mullion



CAT. NO.	QTY/PKG
ST266	100

Minimum order: 1 pack.

Assembly Screw

- #8 x 1/2" (13 mm) Flat Head Phillips Sheet Metal Screw
- End Dam Fasteners



CAT. NO.	QTY/PKG
ST173	100

Minimum order: 1 pack.

Assembly Screw

- #10 x 5/8" (16 mm) Flat Head Phillips Sheet Metal Screw
- Channel Reinforcement to Vertical Mullion

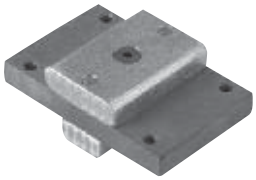


CAT. NO.	QTY/PKG
ST03511	100

Minimum order: 1 pack.

Drill Jig

- For Horizontal Mullions



CAT. NO.	QTY/PKG
DJ801	1

Minimum order: 1 each.

Anchor Bolt

- 3/8" x 3" (9.5 x 76 mm)

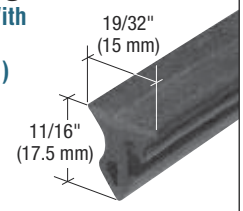


CAT. NO.	QTY/PKG
MF302	50

Minimum order: 1 pack.

EPDM Exterior Glazing Gasket

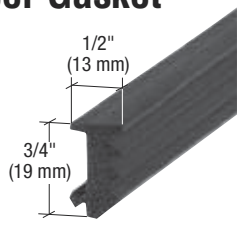
- Used With 1-5/16" (33 mm) Glass



CAT. NO.	FT/ROLL
NP825	250' (76.2 m)

Minimum order: 1 roll.

EPDM Sponge Spacer Gasket



CAT. NO.	FT/ROLL
NP826	250' (76.2 m)

Minimum order: 1 roll.

CRL-U.S. Aluminum Series DHS-500 Storm Front™ Storefront

- 1-3/4" (44 mm) Face Width x 5" (127 mm) Frame Depth
- Rated for Large and Small Missile Impact
- Accepts 9/16" and 1-5/16" (14 and 33 mm) Impact Resistant Glazing
- Available Factory Fabricated and Glazed, or in Individual Stock Lengths for Shop Fabrication
- Miami-Dade County Approved
- Florida Building Code Approval
- Three Finishes Plus Duranar® and Duranar® Sunstorm® Color Coatings Available

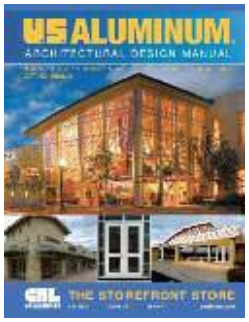


MORE CHOICES crlaurence.com

Storm Front

The DHS-500 is a 5" (127 mm) deep Hurricane Resistant Storefront System designed for all commercial applications including retail space, hotels, condominiums, office buildings, institutional facilities, and industrial structures. The DHS-500 is engineered to deliver superior quality, strength, and durability, while maintaining a truly elegant appearance.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.



- Formerly Delta Doors

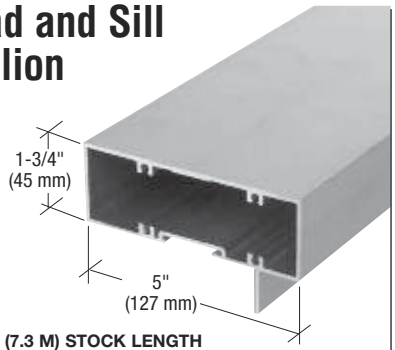
NOA: 11-0927.06

Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.

SERIES	FACE WIDTH	DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
DHS-500	1-3/4" (44.5 mm)	5" (127 mm)	9/16" (14 mm) or 1-5/16" (33 mm)	Wet Glaze	Storefronts in Regions Requiring Hurricane Resistant Performance

CRL-U.S. Aluminum Series DHS-500 Storm Front™ Storefront Profiles

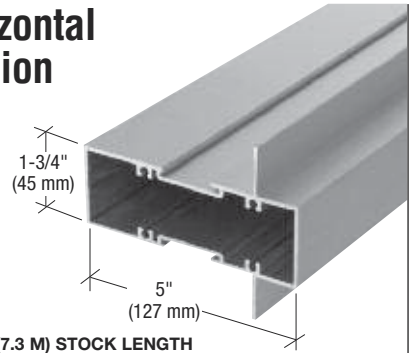
Head and Sill Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
DLD10312	Clear Anodized
DLD10322	Bronze Anodized
DLD103W	White Painted

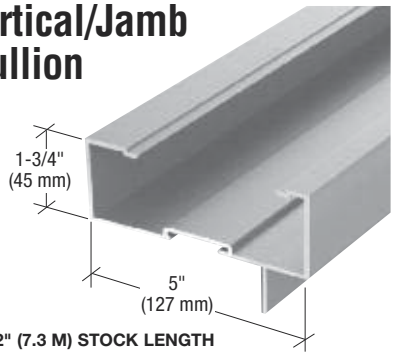
Horizontal Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
DLD10412	Clear Anodized
DLD10422	Bronze Anodized
DLD104W	White Painted

Vertical/Jamb Mullion



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
DLD10012	Clear Anodized
DLD10022	Bronze Anodized
DLD100W	White Painted

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

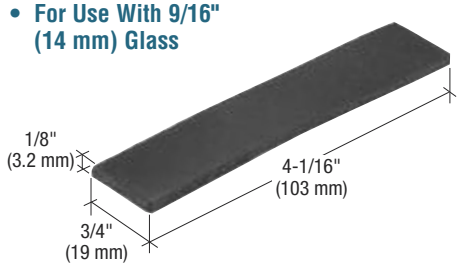
CRL-U.S. Aluminum Series DHS-500 Storm Front™ Storefront Accessories

Storm Front

MORE CHOICES crlaurence.com

Setting Block

- For Use With 9/16" (14 mm) Glass

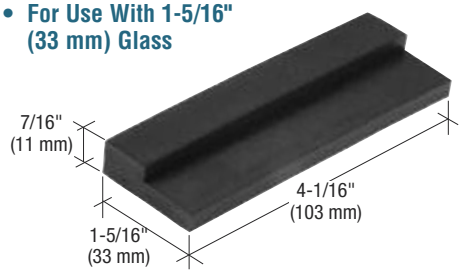


CAT. NO.	QTY/PKG
SB574	100

Minimum order: 100 each.

Setting Block

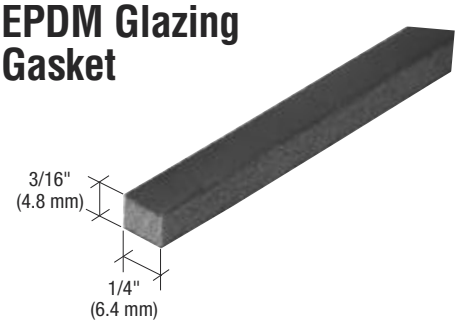
- For Use With 1-5/16" (33 mm) Glass



CAT. NO.	QTY/PKG
TR17005E	100

Minimum order: 100 each.

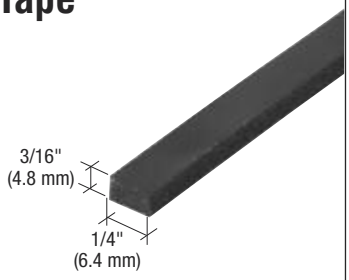
EPDM Glazing Gasket



CAT. NO.	QTY/ROLL
TR16996E	500' (152.4 m)

Minimum order: 100 feet.

3/16" x 1/4" Thermalbond Tape



CAT. NO.	QTY/ROLL
V210614	50' (15 m)

Minimum order: 1 roll.

Assembly Bolt

- 1/4"-20 x 2" (51 mm) Machine Screw With Nut and Two Washers



CAT. NO.	QTY/PKG
12NWFS2Z	100

Minimum order: 100 each.

Assembly Screw

- #12 x 1-1/4" (32 mm) Pan Head Phillips Sheet Metal Screw



CAT. NO.	QTY/PKG
12N125SPPXZ	100

Minimum order: 100 each.

Steel Stiffener

- 4-5/8" x 7/8" (117 x 22 mm)
- 7 Gauge



CAT. NO.	LENGTH
STLMR1	10'-0" (3.05 m)

Minimum order: 1 each. Must ship common carrier.

CRL-U.S. Aluminum Series DHS-500 Storm Front™ Storefront Profiles

Pocket Insert

- Used With 9/16" (14 mm) Glazing

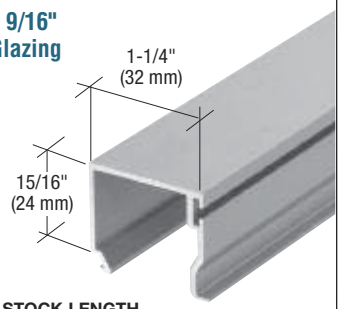


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
DLD10112	Clear Anodized
DLD10122	Bronze Anodized
DLD101W	White Painted

Glass Stop

- Used With 9/16" (14 mm) Glazing

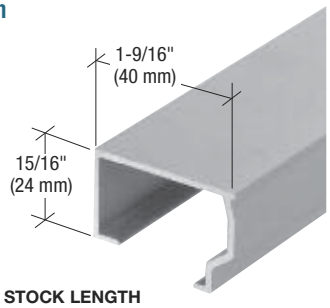


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
DLD10212	Clear Anodized
DLD10222	Bronze Anodized
DLD102W	White Painted

Glass Stop

- Used With 1-5/16" (33 mm) Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
DLD13212	Clear Anodized
DLD13222	Bronze Anodized
DLD132W	White Painted

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

CRL-U.S. Aluminum Series BT601 Blast Resistant Storefront



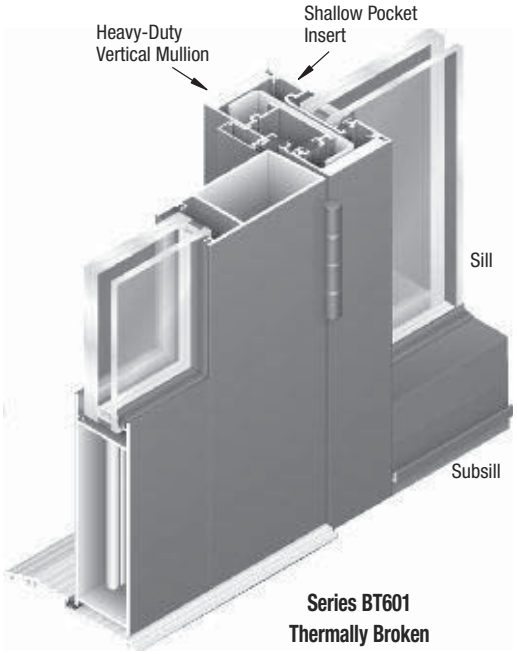
- 2-1/2" (64 mm) Face Width x 5" (127 mm) Depth
- Thermally Insulated
- Tested in Compliance With Miami/Dade County Protocol and DOD UFC 4-010-01
- For 1-5/16" (33 mm) Impact Resistant Glazing
- Screw Spline Assembly
- Three Finishes Plus Custom Paint Available
- Other Profile Sizes Available

The BT601 Blast Resistant Storefront System is engineered and successfully tested to withstand a blast pressure of 1 psi. This unique Storefront System utilizes our High Performance BT601 Entrance and features screw spline assembly for panel erection, insulating glass siliconed in place, high performance subsill, and steel reinforced mullions.

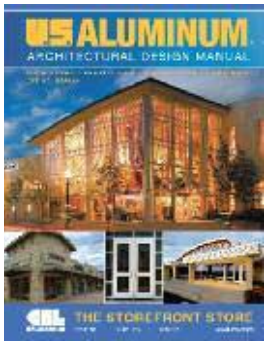
For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

DEFENDER
BLAST MITIGATION PRODUCTS

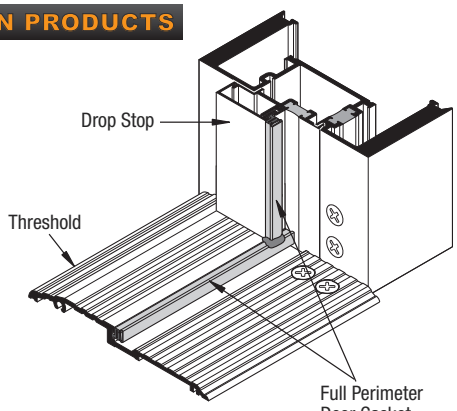
MORE CHOICES
crlaurence.com

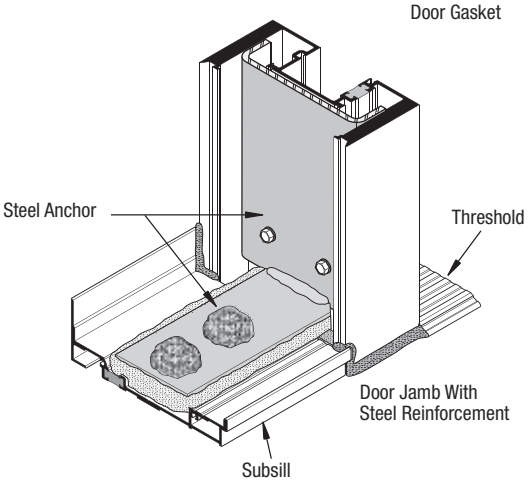


Series BT601
Thermally Broken
Blast Resistant Storefront



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.





SERIES	BLAST LOAD	FACE WIDTH	BACK MEMBER DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
BT601	1 PSI	2-1/2" (64 mm)	5" (127 mm)	1-5/16" (33 mm)	Exterior	Storefronts in Locations Requiring Blast Resistant Performance

CRL-U.S. Aluminum Series BT601 Blast Resistant Storefront Profiles

DEFENDER
BLAST MITIGATION PRODUCTS

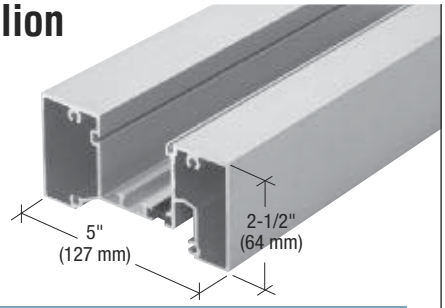
MORE CHOICES
crlaurence.com

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

For Accessories, see page US097

Head/Jamb Mullion

- Thermally Broken for Screw Race Joinery

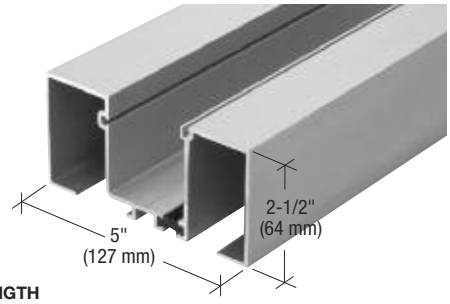


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BT85211	Clear Anodized
BT85222	Bronze Anodized
BT85233	Black Anodized

Deep Pocket Wall Jamb

- Thermally Broken

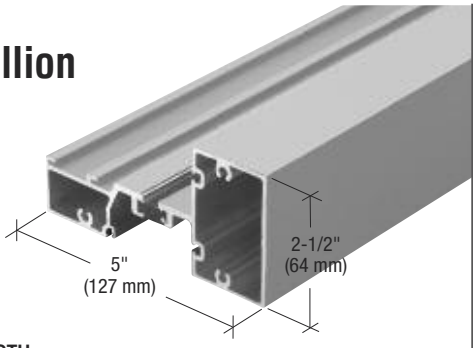


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BT80511	Clear Anodized
BT80522	Bronze Anodized
BT80533	Black Anodized

Intermediate Horizontal Mullion

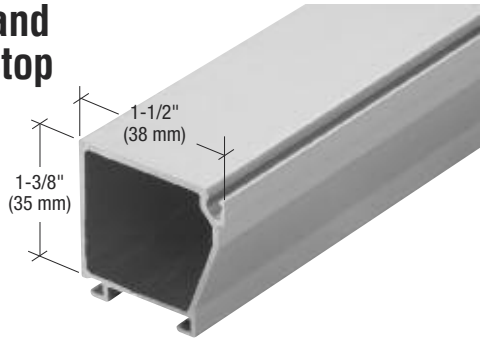
- Thermally Broken for Screw Race Joinery



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BT86211	Clear Anodized
BT86222	Bronze Anodized
BT86233	Black Anodized

Horizontal and Sill Glass Stop

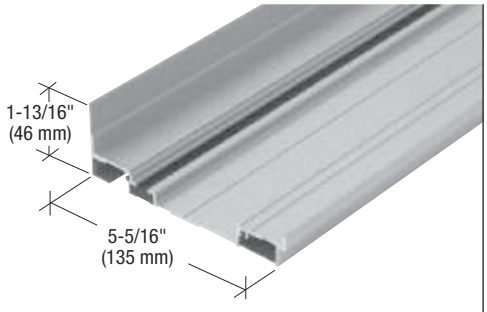


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BR86311	Clear Anodized
BR86322	Bronze Anodized
BR86333	Black Anodized

Subsill

- Thermally Broken

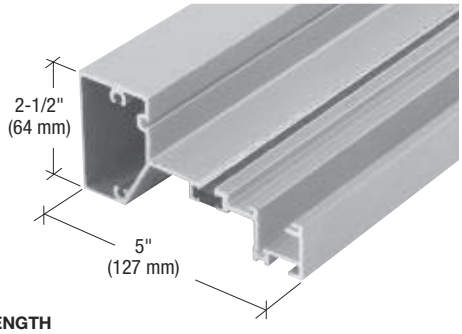


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BT87011	Clear Anodized
BT87022	Bronze Anodized
BT87033	Black Anodized

Sill

- Thermally Broken



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BT87211	Clear Anodized
BT87222	Bronze Anodized
BT87233	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series BT601 Blast Resistant Storefront Profiles

DEFENDER
BLAST MITIGATION PRODUCTS

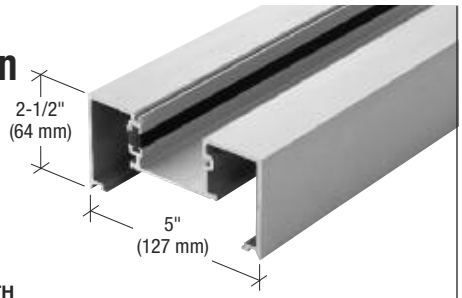
MORE CHOICES
crlaurence.com

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

For Accessories, see page US097

Open Back Vertical Mullion

- Thermally Broken

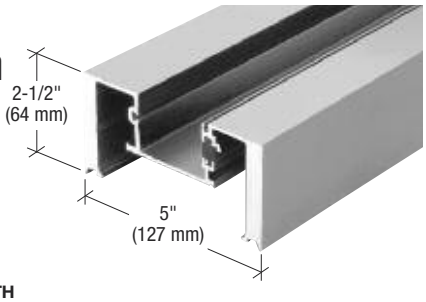


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BT81511	Clear Anodized
BT81522	Bronze Anodized
BT81533	Black Anodized

Heavy-Duty Vertical Mullion

- Thermally Broken

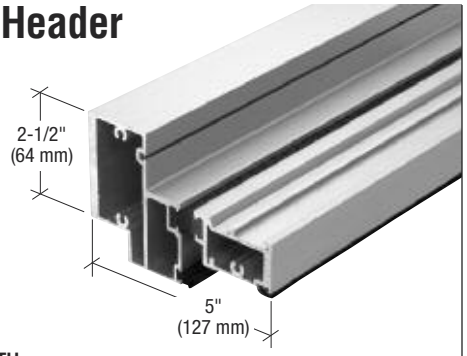


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BT83511	Clear Anodized
BT83522	Bronze Anodized
BT83533	Black Anodized

Transom Door Header for Surface Closer

- Thermally Broken

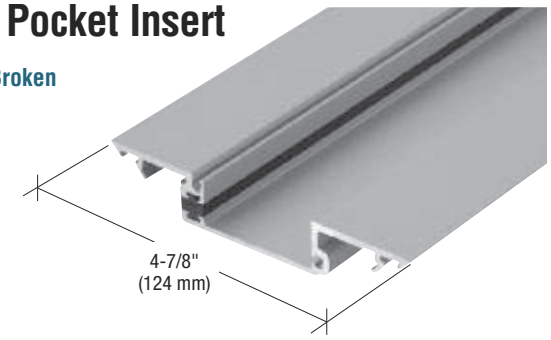


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BT86711	Clear Anodized
BT86722	Bronze Anodized
BT86733	Black Anodized

Shallow Pocket Insert

- Thermally Broken

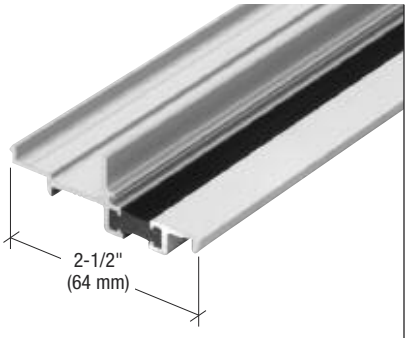


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
BT80411	Clear Anodized
BT80422	Bronze Anodized
BT80433	Black Anodized

Door Stop Insert

- Thermally Broken

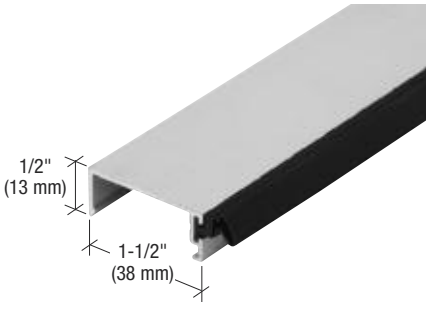


21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
BT84711	Clear Anodized
BT84722	Bronze Anodized
BT84733	Black Anodized

Door Stop With Weatherseal

- Used With BT847



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
1G14711	Clear Anodized
1G14722	Bronze Anodized
1G14733	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

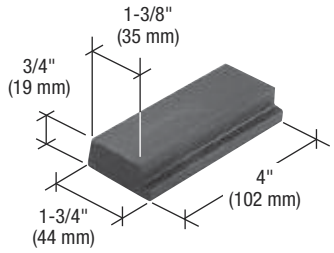
CRL US ALUMINUM

CRL-U.S. Aluminum Series BT601 Blast Resistant Storefront Accessories

MORE CHOICES crlaurence.com

DEFENDER BLAST MITIGATION PRODUCTS

Setting Block

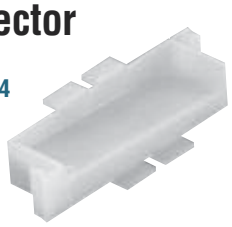


- For Use With 1-5/16" (33 mm) Glass

CAT. NO.	QTY/PKG
SB117	100

Minimum order: 1 pack.

Water Deflector

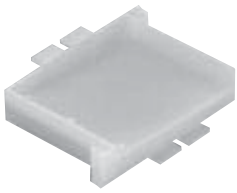


- Used With BT804
- Intermediate Verticals

CAT. NO.	QTY/PKG
WD911	50

Minimum order: 1 pack.

Water Deflector

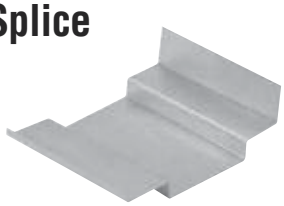


- Used With BT805
- For Wall Jamb Condition

CAT. NO.	QTY/PKG
WD913	50

Minimum order: 1 pack.

Subsill Splice Sleeve



- Used With Subsills

CAT. NO.	QTY/PKG
SV102	10

Minimum order: 1 pack.

Drill Jig



- For Horizontal to Vertical Joinery

CAT. NO.	QTY/PKG
DJ601	1

Minimum order: 1 each.

Steel Stiffener



- 4-1/32" x 1-3/16" (102 x 30 mm)
- 8 Gauge

CAT. NO.	LENGTH
SS05710	10'-0" (3.05 m)

Minimum order: 1 stock length. Must ship common carrier.

Assembly Screw



- #12 x 2" (51 mm) Hex Washer Head Sheet Metal Screw
- For Screw Spline Joinery

CAT. NO.	QTY/PKG
ST286	100

Minimum order: 1 pack.

Assembly Screw



- #12 x 3/4" (19 mm) Hex Washer Head Sheet Metal Screw
- Sill to Subsill Attachment

CAT. NO.	QTY/PKG
ST268	100

Minimum order: 1 pack.

Assembly Screw



- #10 x 3/8" (9.5 mm) Flat Head Phillips Sheet Metal Screw
- Used With BT835/SS057

CAT. NO.	QTY/PKG
ST238	100

Minimum order: 1 pack.

Assembly Screw

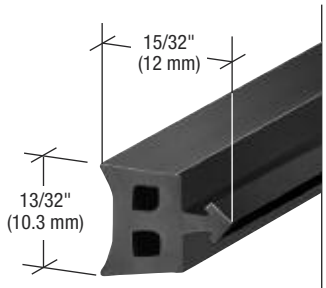


- #8 x 1/2" (13 mm) Flat Head Phillips Sheet Metal Screw
- End Dam Fasteners

CAT. NO.	QTY/PKG
ST173	100

Minimum order: 1 pack.

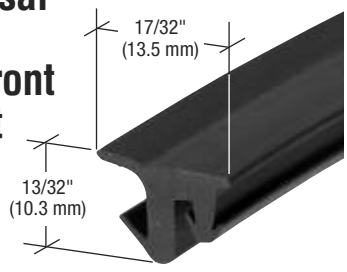
Silicone Rubber Spacer Gasket



CAT. NO.	COLOR	ROLL LENGTH
SP450	Black	250' (76 m)

Minimum order: 1 roll.

Universal EPDM Storefront Gasket



CAT. NO.	COLOR	ROLL LENGTH
NP225	Black	500' (152.4 m)

Minimum order: 1 roll.

CRL-U.S. Aluminum Unit-Glazed Systems

MORE INFORMATION crlaurence.com

CRL US ALUMINUM MANUFACTURED IN THE USA

- Reduces Field Labor
- Vastly Increases Field Production
- Increases Quality Control and Efficiency
- Increases Factory Production Through Assembly Line Techniques
- Promotes Competitiveness on Both Large and Small Jobs

NEW!

ARCHITECTURAL RECORD Record Products 2014 BEST IN CATEGORY



As the design and construction industry continues to innovate and find ways to increase efficiency while streamlining labor and fabrication costs, CRL-U.S. Aluminum has emerged with an innovative solution for installing commercial storefronts and window walls. Our Unit-Glazed Systems allow glaziers to fabricate in their own shop environments, reducing field labor by as much as 50% and accelerate the installation process. This translates into substantial time and cost savings, more competitive quotes, and higher profit margins.

The key to CRL-U.S. Aluminum Unit-Glazed Systems is our new Unit Split Mullions and Gravity Loaded Sill Flashing. These features enable installers to easily snap each Unit-Glazed section together in the field. All Unit-Glazed Systems have been fully tested and approved for structural integrity, air and water infiltration.

For additional information, contact USAL Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

It goes together in 3 easy steps:

1



Sill Gutter Installed

2



Simply Snap Glazed Adjoining Panels Together

3



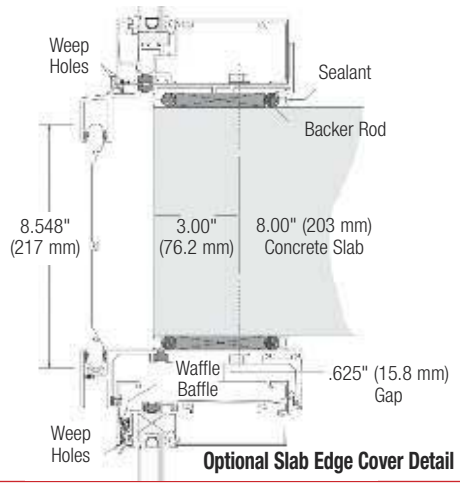
Install Complete Panel Into Sill Gutter



Panel Assembly Shown

Our innovative Slab Edge Covers will give your project a striking façade with a seamless curtain wall aesthetic, minus all of the structural and performance obstacles that come with it.





Optional Slab Edge Cover Detail

CRL-U.S. Aluminum Unit-Glazed Systems

NEW!



Series 4500 SSG Structural Silicone Glazed Window Wall System

- 2-1/4" x 6" (57 x 152 mm) or 2-1/4" x 7" (57 x 178 mm) Frame
- 1" (25 mm) Glazing
- Optional Slab Edge Cover for 7" (178 mm) System Only

Verticals for Structural Silicone Glazing create the look of a true glass wall with the same labor saving installation. Horizontal framing members run continuous between wall jambs to accomplish a horizontal band appearance.

MORE INFORMATION
crlaurence.com

Series TT601 Top Notch Window Wall System

- 2-1/4" x 6" (57 x 152 mm) Frame
- 1" (25 mm) Glazing
- Glass Offset to Front
- Butt Glazed Vertical Option
- Optional Slab Edge Cover

The Top Notch System offers a shallow face reveal that creates a flush exterior appearance. This system utilizes wedge-type molded corner exterior sponge gaskets for superior air and water performance. Internal water deflectors at intermediate horizontal to vertical intersections allow infiltrated water to be drained into a continuous sill gutter and weeped to the exterior.

Series IT451 Center Glazed Thermal Storefront System

- 2" x 4-1/2" (51 x 114 mm) Frame
- 1" (25 mm) Glazing
- Thermally Improved
- Center Glazing

Series IT451 Center Glazed Thermal Systems offer an outstanding value by combining increased thermal performance with low-cost conventional flush glazing. These systems feature the Poly-Aluminizer™ and Lancer™ Thermal Break Technologies, providing exceptional thermal performance.

All systems are available in an array of architectural coatings and anodized finishes.

Series FT451 Flush Front™ Offset Glazed Thermal Storefront System

- 2" x 4-1/2" (51 x 114 mm) Frame
- 1" (25 mm) Glazing
- Flush In, Flush Out, or Combination Glazing
- Thermally Improved

Flush Front™ Series FT451 offers improved thermal performance using the Poly-Aluminizer™ Thermal Break. Flush Front™ features injection molded water deflectors at intermediate horizontals, and a continuous sill gutter with factory pre-punched weep slots to ensure control of any infiltrated water. The plane of the glass may be reversed from exterior to interior or any combination to give these standard systems a custom look.

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL-U.S. Aluminum Series OS451 and OS451SG Window Walls

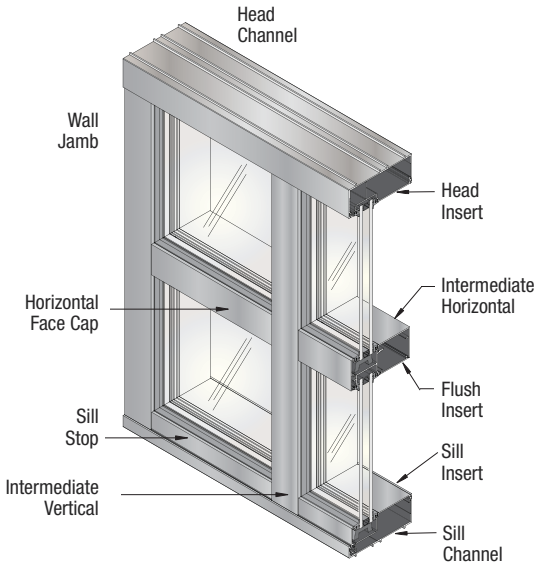
- For 1" (25 mm) Glazing
- Glass Offset to Front
- Structural Vertical Glazing Option
- Top Load Gasket
- Three Finishes Plus Custom Paint Available
- Other Profile Sizes Available



Series OS451 and OS451SG Systems offer a shallow face reveal which creates a flush exterior appearance. They were designed for labor saving stacking type installations, and may be interior or exterior glazed using top load E.P.D.M. glazing gaskets. Internal water deflectors at intersections of intermediate horizontal and vertical mullions allow infiltrated water to be drained into a continuous sill gutter and weeped to the exterior. Optional vertical mullions for structural silicone glazing are available. This multi-purpose product was also designed for use as a storefront system, and is an ideal choice for fixed horizontal ribbon window applications. OS451 and OS451SG Systems accommodate most U.S. Aluminum Entrance Doors.

Verticals for structural silicone glazing create the look of a true glass wall with the same labor saving installation. Horizontal framing members run continuous between wall jambs to accomplish a horizontal band appearance. Glazing is performed from the exterior.

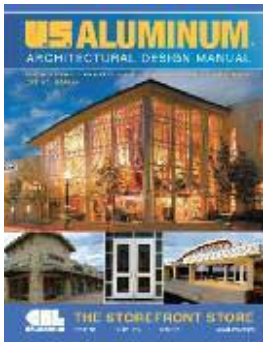
For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.



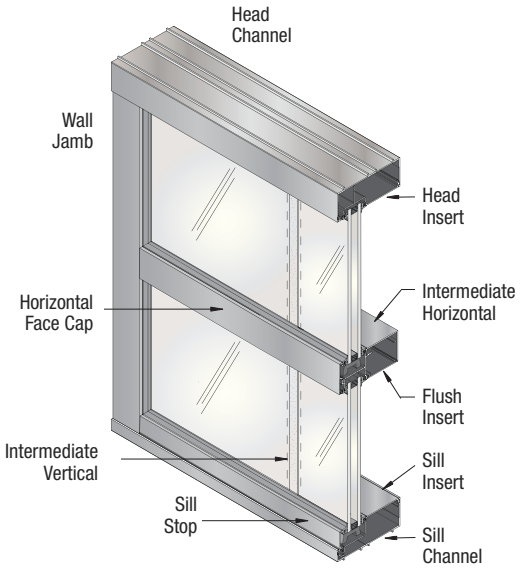
SERIES OS451

Captured Vertical Glazed Window Wall (Exterior Glazing Shown)

MORE INFORMATION
crlaurence.com



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.



SERIES OS451SG

Structural Vertical Glazed Window Wall (Exterior Glazing Only)

SERIES	FACE WIDTH	HEAD/SILL DEPTH	GLAZING INFILL	APPLICATIONS
OS451 OS451SG	2" (51)	4-3/4" (121 mm)	1" (25 mm)	Ground Floor to Mid-Rise Buildings. Ideal for Fixed Horizontal Ribbon Window Applications.

CRL-U.S. Aluminum Series OS451 and OS451SG Window Wall Profiles

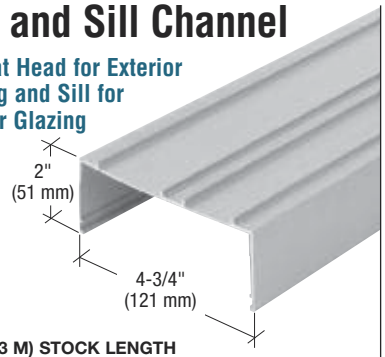
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see page US104

Head and Sill Channel

- Used at Head for Exterior Glazing and Sill for Interior Glazing

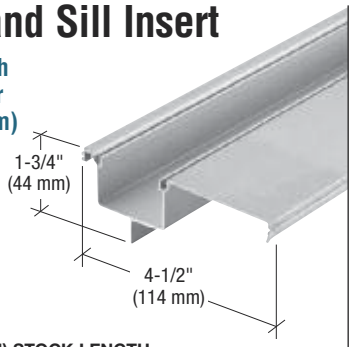


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS56811	Clear Anodized
CS56822	Bronze Anodized
CS56833	Black Anodized

Head and Sill Insert

- Used With CS568 for 1" (25 mm) Glazing

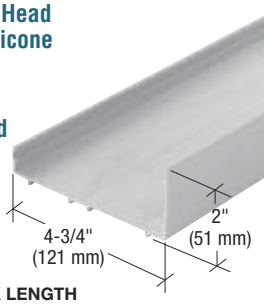


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G56611	Clear Anodized
0G56622	Bronze Anodized
0G56633	Black Anodized

Head and Sill Channel

- Used at Sill and Head for Structural Silicone Glazing
- Used at Sill for Exterior Captured Glazing

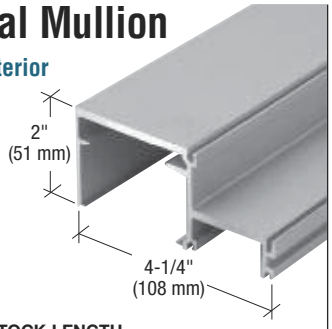


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CS56311	Clear Anodized
CS56322	Bronze Anodized
CS56333	Black Anodized

Horizontal Mullion

- Used for Exterior Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G53311	Clear Anodized
0G53322	Bronze Anodized
0G53333	Black Anodized

Horizontal Face Cap

- Used With 0G533

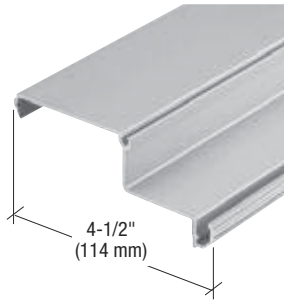


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G53411	Clear Anodized
0G53422	Bronze Anodized
0G53433	Black Anodized

Sill Insert

- Used With CS563 for 1" (25 mm) Glazing

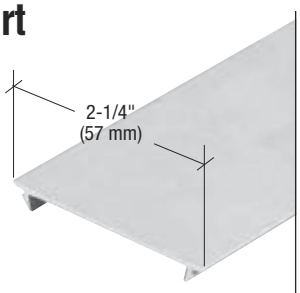


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G57611	Clear Anodized
0G57622	Bronze Anodized
0G57633	Black Anodized

Flush Insert

- Used With 0G533

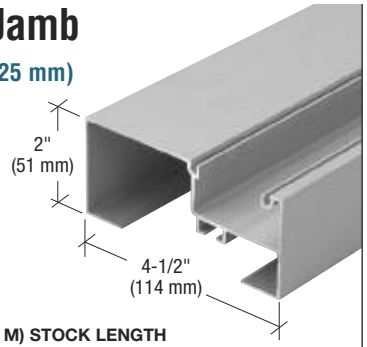


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G53211	Clear Anodized
0G53222	Bronze Anodized
0G53233	Black Anodized

Wall Jamb

- For 1" (25 mm) Glazing

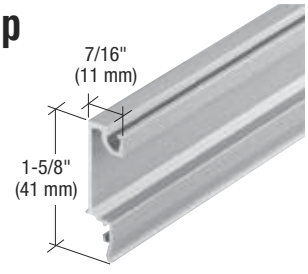


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G55211	Clear Anodized
0G55222	Bronze Anodized
0G55233	Black Anodized

Face Stop

- Used With 0G576



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G53911	Clear Anodized
0G53922	Bronze Anodized
0G53933	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series OS451 and OS451SG Window Wall Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see page US104

Vertical Mullion

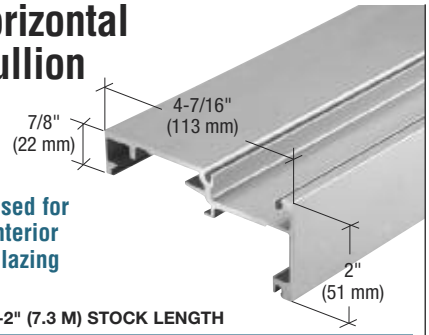
- Used for Captured Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G55511	Clear Anodized
0G55522	Bronze Anodized
0G55533	Black Anodized

Horizontal Mullion

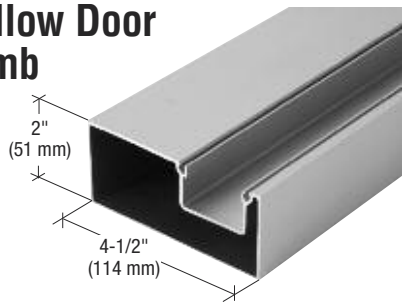


- Used for Interior Glazing

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G56311	Clear Anodized
0G56322	Bronze Anodized
0G56333	Black Anodized

Hollow Door Jamb

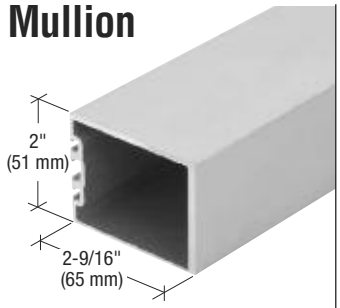


21'-9" (6.6 M) STOCK LENGTH

CAT. NO.	FINISH
0G53611	Clear Anodized
0G53622	Bronze Anodized
0G53633	Black Anodized

Vertical Mullion

- Used for Structural Silicone Glazing

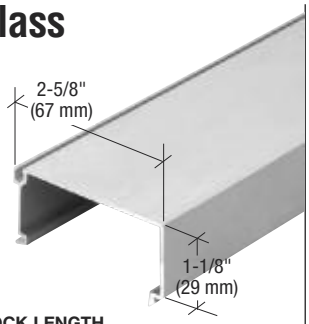


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G55111	Clear Anodized
0G55122	Bronze Anodized
0G55133	Black Anodized

Interior Glass Stop

- Used With 0G563

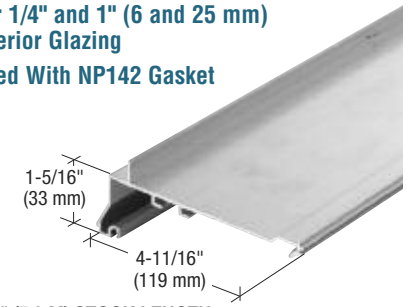


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M57311	Clear Anodized
M57322	Bronze Anodized
M57333	Black Anodized

Head Insert

- For 1/4" and 1" (6 and 25 mm) Interior Glazing
- Used With NP142 Gasket



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G56499	Mill

90 Degree Inside/Outside Structural Silicone Mullion

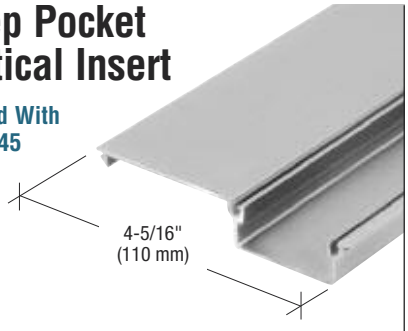


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G59011	Clear Anodized
0G59022	Bronze Anodized
0G59033	Black Anodized

Deep Pocket Vertical Insert

- Used With 0G445

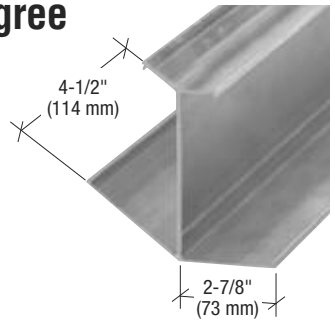


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
RF11011	Clear Anodized
RF11022	Bronze Anodized
RF11033	Black Anodized

135 Degree Corner Mullion

- Used With RF110



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G44511	Clear Anodized
0G44522	Bronze Anodized
0G44533	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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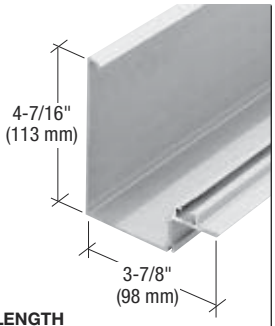
CRL-U.S. Aluminum Series OS451 and OS451SG Window Wall Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see page US104

90 Degree Inside Corner Half Section

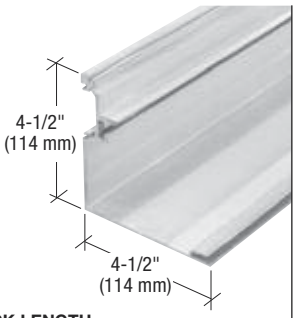


- Used With FF570

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF57511	Clear Anodized
FF57522	Bronze Anodized
FF57533	Black Anodized

90 Degree Inside Corner Half Section



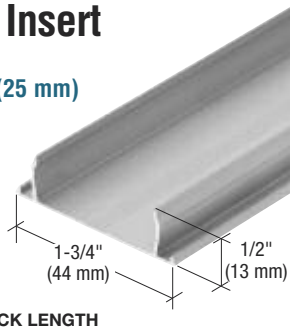
- Used With FF575

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF57011	Clear Anodized
FF57022	Bronze Anodized
FF57033	Black Anodized

1" Pocket Insert

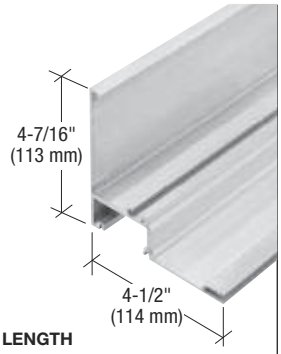
- Used With 1" (25 mm) Pocket Depth



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
P12511	Clear Anodized
P12522	Bronze Anodized
P12533	Black Anodized

90 Degree Outside Corner Half Section

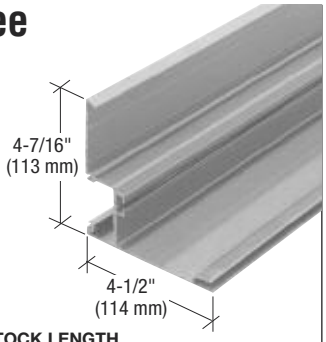


- Used With FF590

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF58011	Clear Anodized
FF58022	Bronze Anodized
FF58033	Black Anodized

90 Degree Outside Corner Half Section

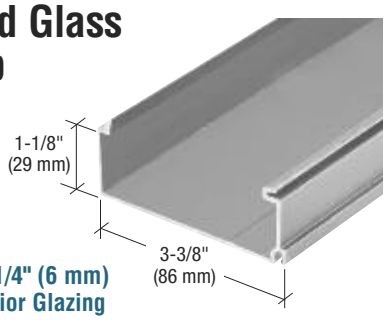


- Used With FF580

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
FF59011	Clear Anodized
FF59022	Bronze Anodized
FF59033	Black Anodized

Head Glass Stop

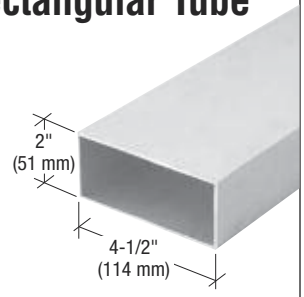


- For 1/4" (6 mm) Interior Glazing

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
M57511	Clear Anodized
M57522	Bronze Anodized
M57533	Black Anodized

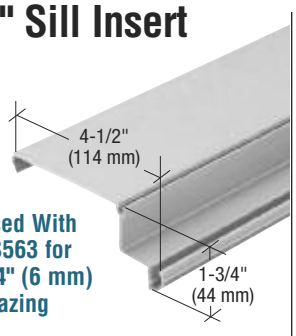
Rectangular Tube



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
145011	Clear Anodized
145022	Bronze Anodized
145033	Black Anodized

1/4" Sill Insert

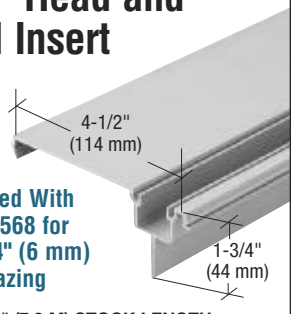


- Used With CS563 for 1/4" (6 mm) Glazing

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G47611	Clear Anodized
0G47622	Bronze Anodized
0G47633	Black Anodized

1/4" Head and Sill Insert

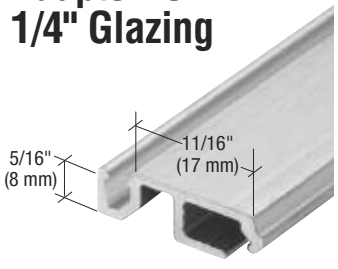


- Used With CS568 for 1/4" (6 mm) Glazing

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
0G46611	Clear Anodized
0G46622	Bronze Anodized
0G46633	Black Anodized

Adaptor for 1/4" Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
1S25111	Clear Anodized
1S25122	Bronze Anodized
1S25133	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series OS451 and OS451SG Window Wall Accessories

MORE CHOICES crlaurence.com

Water Deflector

- For Shallow Pocket



CAT. NO.	QTY/PKG
WD210	50

Minimum order: 1 pack.

Water Deflector

- For Deep Pocket

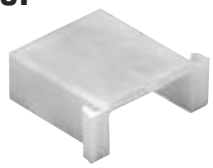


CAT. NO.	QTY/PKG
WD200	50

Minimum order: 1 pack.

Water Deflector

- Used With 0G555 and 0G755 Only
- For Deep Pocket

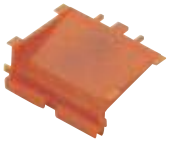


CAT. NO.	QTY/PKG
WD270	50

Minimum order: 1 pack.

Water Deflector

- Used With Structural Silicone Glazing



CAT. NO.	QTY/PKG
WD280	50

Minimum order: 1 pack.

Stacking Head Splice Sleeve

- Expansion Joint Seal



CAT. NO.	QTY/PKG
SV568	10

Minimum order: 1 pack.

Stacking Sill Splice Sleeve

- Expansion Joint Seal



CAT. NO.	QTY/PKG
SV563	10

Minimum order: 1 pack.

End Dam

- Used to Control Infiltrated Water
- With Screws



CAT. NO.	QTY/PKG
EC450	20

Minimum order: 1 pack.

Anchor Clip

- Used With 0G563 and 0G533
- Used for Inside and Outside Glazing
- Screws Included



CAT. NO.	QTY/PKG
AP563	20

Minimum order: 1 pack.

Temporary Glass Retainer

- Used With Structural Glazed Vertical Mullions

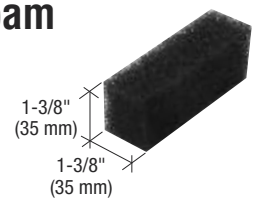


CAT. NO.	QTY/PKG
RG700	50

Minimum order: 1 pack.

Urethane Foam Weep Baffle

- Used With CS568 Sill With Interior Glazing

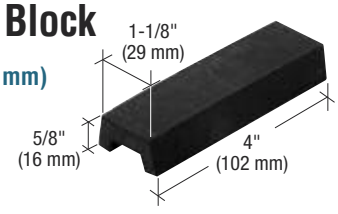


CAT. NO.	QTY/PKG
UB635	100

Minimum order: 1 pack.

Setting Block

- For 1" (25 mm) Glazing

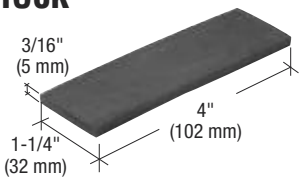


CAT. NO.	QTY/PKG
SB230	100

Minimum order: 1 pack.

Setting Block

- For Interior Glazing

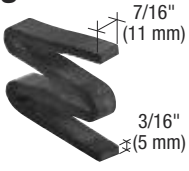


CAT. NO.	QTY/PKG
SB240	100

Minimum order: 1 pack.

"W" Anti-Walking Block

- Used at Deep Pocket Verticals
- Prevents Glass From Shifting

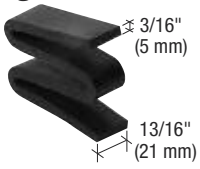


CAT. NO.	QTY/PKG
WB452	50

Minimum order: 1 pack.

"W" Anti-Walking Block

- Used With 0G555 Deep Pocket Mullion



CAT. NO.	QTY/PKG
WB555	50

Minimum order: 1 pack.

Nylon Clip

- Used at Head When Using Structural Glazing
- 6" (152 mm) Long



CAT. NO.	QTY/PKG
NC539	100

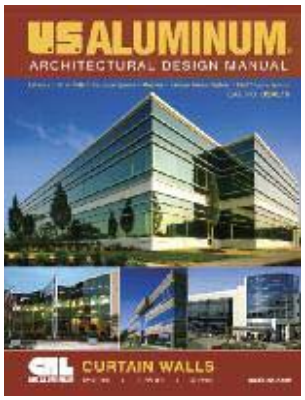
Minimum order: 1 pack.

CRL-U.S. Aluminum Curtain Wall Systems

• Systems • Supplies • Service

CRL-U.S. Aluminum offers Curtain Wall Systems that are ideal for low to mid-rise structures. We offer cost efficient and versatile systems with clean lines and superb performance characteristics. Systems are available that may be glazed from the interior or exterior using E.P.D.M. glazing gaskets, and all series are compatible with most CRL-U.S. Aluminum Entrance Doors, Sunshades, and Light Shelves. Dual colors can be achieved with these systems simply by specifying different finishes for the exterior face covers and interior mullions. Glazing options include 1/4" (6 mm), 1" (25 mm) insulating glass, and 2" (51 mm) triple glaze.

CRL-U.S. Aluminum Curtain Wall Systems can be custom modified to the specific requirements of your project. Our product specialists will work with you to ensure the Curtain Wall System you order from us will meet your needs and the approval of your clients. For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL15 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs**.



MORE INFORMATION crlaurence.com





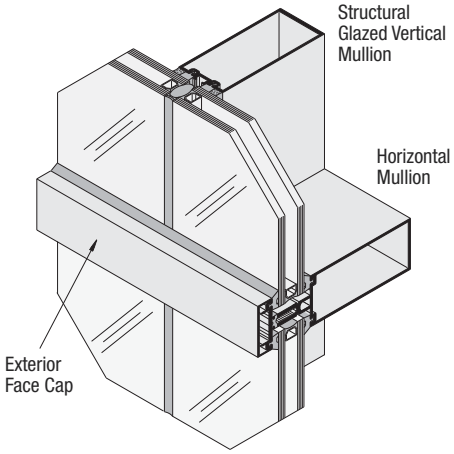
CRL-U.S. Aluminum Series 2100 and 2200 Curtain Walls

- Thermally Improved
- Injected Molded Water Deflectors
- Suitable for Low to Mid-Rise Buildings
- For 1" (25 mm) and/or 1/4" (6 mm) Glazing
- Available for Captured Glazing and Structural Silicone Glazing
- Exterior Glazed
- Screw Spline or Shear Block Assembly



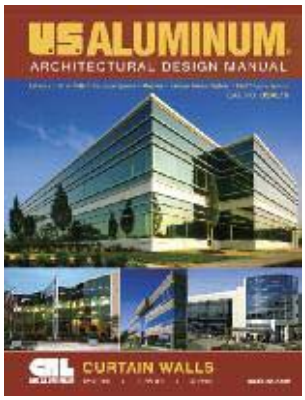
Based on our popular Series 3150/3250, Series 2100 and 2200 Curtain Wall Systems offer a reduced sightline for low to mid-rise applications where exterior glazing is desired. Complementing the efficiency of insulating glass, Series 2100 and 2200 Curtain Walls are thermally improved by a continuous thermal spacer interlocked with the horizontal and vertical pressure plates. Dual colors can be achieved by specifying different finishes for the exterior face covers and interior mullions. Extruded aluminum shear blocks with concealed mechanical attachment allows for a concealed horizontal to vertical joinery without exposed screws. These joint intersections also have concealed Injection Molded End Dams for controlling any infiltrated water. Series 2100 and 2200 Curtain Walls are designed for both Shear Block and Screw Spline installation. The Screw Spline System incorporates a unique split vertical mullion for straight-in installation of each bay, special perimeter members for easy anchorage to the structure, and the option to shop install and seal end dams. Three mullion depths are offered to accommodate various structural loads.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

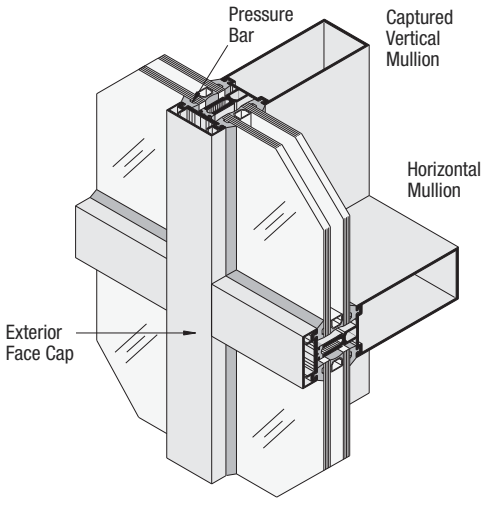


SERIES 2100
Structural Silicone Glazed Vertical Curtain Wall

MORE INFORMATION
crlaurence.com



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL15 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.



SERIES 2200
Captured Vertical Glazed Curtain Wall

SERIES	FACE WIDTH	BACK MEMBER DEPTH	OVERALL DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
2100 2200	2" (51 mm)	2-7/8" (73 mm) 4" (102 mm) 5" (127 mm)	4-15/16" (125 mm) 6-1/16" (154 mm) 7-1/16" (179 mm)	1" (25 mm) and/or 1/4" (6 mm)	Exterior	Low to Mid-Rise Buildings Where Exterior Glazing is Desired

SERIES 2202 - For colder climates we offer the New Series 2202 Curtain Wall System with Struct-Link Thermal Break technology. Similar in design to the Series 2200, it's an excellent choice for energy savings when glazed with insulating glass units, even when subjected to the harshest weather conditions. Contact U.S. Aluminum for full details.

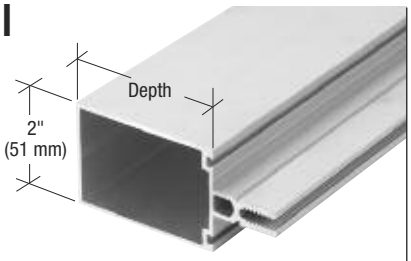
CRL-U.S. Aluminum Series 2100 and 2200 Curtain Wall Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US109-US111

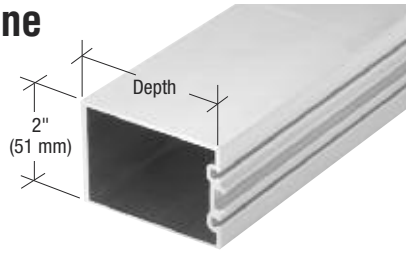
Vertical/Horizontal Mullion for Shear Block Assembly



24'-2" (7.3 M) STOCK LENGTH

2-7/8" (73 MM) DEPTH CAT. NO.	4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	FINISH
CW20011	CW20411	CW20511	Clear Anodized
CW20022	CW20422	CW20522	Bronze Anodized
CW20033	CW20433	CW20533	Black Anodized

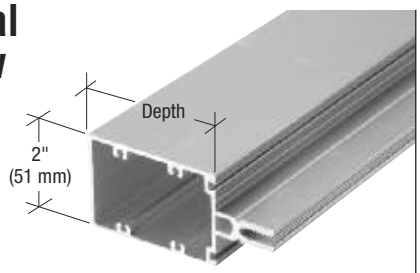
Structural Silicone Glazed Vertical Mullion



24'-2" (7.3 M) STOCK LENGTH

2-7/8" (73 MM) DEPTH CAT. NO.	4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	FINISH
CW26011	CW26411	CW26511	Clear Anodized
CW26022	CW26422	CW26522	Bronze Anodized
CW26033	CW26433	CW26533	Black Anodized

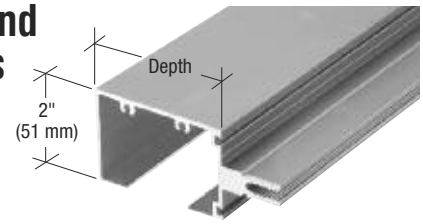
Vertical/Horizontal Mullion for Screw Spline and Multi-Lite Units



24'-2" (7.3 M) STOCK LENGTH

2-7/8" (73 MM) DEPTH CAT. NO.	4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	FINISH
CW21011	CW21411	CW21511	Clear Anodized
CW21022	CW21422	CW21522	Bronze Anodized
CW21033	CW21433	CW21533	Black Anodized

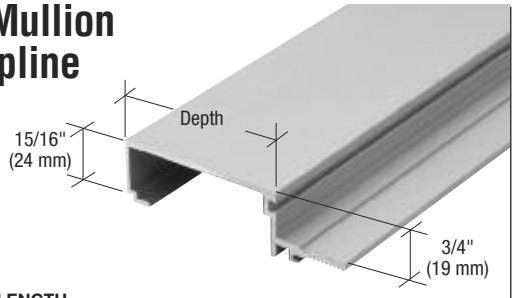
Perimeter Mullion for Screw Spline and Multi-Lite Units



24'-2" (7.3 M) STOCK LENGTH

2-7/8" (73 MM) DEPTH CAT. NO.	4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	FINISH
CW22311	CW22411	CW22511	Clear Anodized
CW22322	CW22422	CW22522	Bronze Anodized
CW22333	CW22433	CW22533	Black Anodized

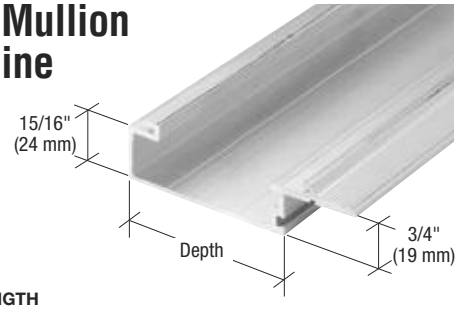
Male Split Mullion for Screw Spline Assembly



24'-2" (7.3 M) STOCK LENGTH

2-7/8" (73 MM) DEPTH CAT. NO.	4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	FINISH
CW23911	CW24911	CW25911	Clear Anodized
CW23922	CW24922	CW25922	Bronze Anodized
CW23933	CW24933	CW25933	Black Anodized

Female Split Mullion for Screw Spline Assembly



24'-2" (7.3 M) STOCK LENGTH

2-7/8" (73 MM) DEPTH CAT. NO.	4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	FINISH
CW23011	CW24011	CW25011	Clear Anodized
CW23022	CW24022	CW25022	Bronze Anodized
CW23033	CW24033	CW25033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

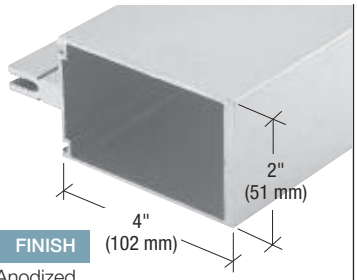
CRL-U.S. Aluminum Series 2100 and 2200 Curtain Wall Profiles

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US109-US111

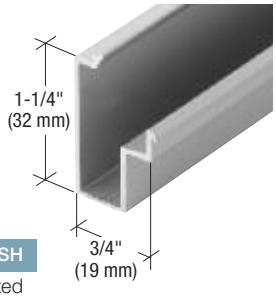
Heavy Wall Vertical Mullion for Shear Block Assembly



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW23411	Clear Anodized
CW23422	Bronze Anodized
CW23433	Black Anodized

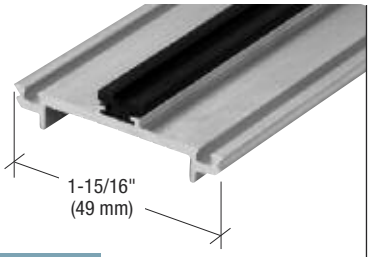
Perimeter Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW22011	Clear Anodized
CW22022	Bronze Anodized
CW22033	Black Anodized

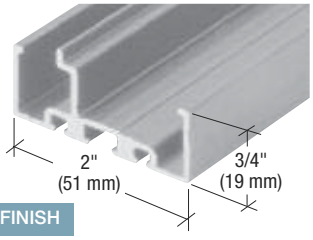
Pressure Bar With Thermal Spacer



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW23399	Mill

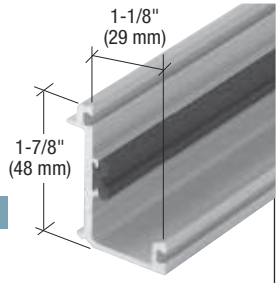
Butt Glaze Adaptor for 1/4" Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW22211	Clear Anodized
CW22222	Bronze Anodized
CW22233	Black Anodized

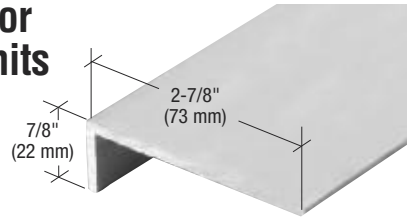
Perimeter Pressure Bar With Thermal Spacer



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW27411	Clear Anodized
CW27422	Bronze Anodized
CW27433	Black Anodized

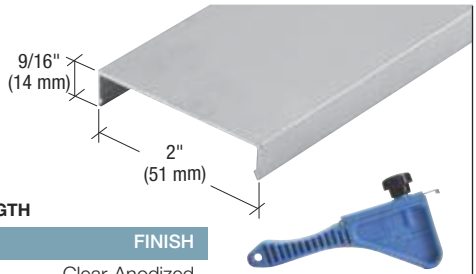
Aluminum Anchor for Multi-Lite Units



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
A20099	Mill

Face Cap

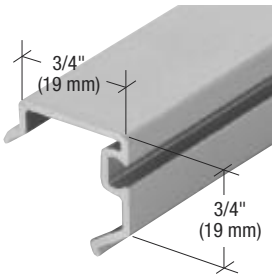


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW20111	Clear Anodized
CW20122	Bronze Anodized
CW20133	Black Anodized

CAT. NO. FCR1
Face Cap Removal Tool
(see page US114)

Glazing Pocket Reducer



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW22111	Clear Anodized
CW22122	Bronze Anodized
CW22133	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series 2100 and 2200 Curtain Wall Accessories

MORE CHOICES crlaurence.com

Wall Jamb Anchor at Head and Sill

- For Captured Glazing

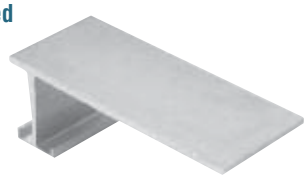


CAT. NO.	USED WITH	QTY/PKG
AP311	CW200	6
AP312	CW204	6
AP313	CW205	6

Minimum order: 1 pack.

Wall Jamb Anchor at Head and Sill

- For Captured Glazing



CAT. NO.	USED WITH	QTY/PKG
AP314	CW234	6

Minimum order: 1 pack.

Intermediate Vertical Anchor at Head and Sill

- For Captured Glazing



CAT. NO.	USED WITH	QTY/PKG
AP240	CW200	12
AP244	CW204	12
AP245	CW205	12

Minimum order: 1 pack.

Splice Sleeve

- For Captured and Structural Silicone Vertical Mullions



CAT. NO.	USED WITH	QTY/PKG
SL284	CW200, CW260	12
SL285	CW204, CW264	12

Minimum order: 1 pack.

Intermediate Vertical Anchor at Head and Sill

- For Captured Glazing



CAT. NO.	USED WITH	QTY/PKG
AP255	CW234	12

Minimum order: 1 pack.

Intermediate Vertical Anchor at Head and Sill

- For Structural Silicone Glazing

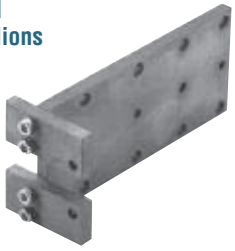


CAT. NO.	USED WITH	QTY/PKG
AP260	CW260	12
AP264	CW264	12
AP265	CW265	12

Minimum order: 1 pack.

Drill Jig

- For Captured Vertical Mullions



CAT. NO.	QTY/PKG
DJ020	1

Minimum order: 1 each.

Drill Jig

- For Structural Silicone Glazed Vertical Mullions



CAT. NO.	QTY/PKG
DJ021	1

Minimum order: 1 each.

Shear Clip

- For Shear Block Assembly
- Use for Last Bay Horizontals

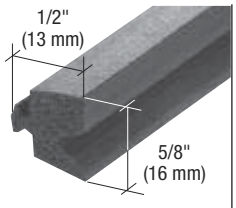


CAT. NO.	USED WITH	QTY/PKG
AP287	CW200	20
AP404	CW204	20
AP517	CW205	20

Minimum order: 1 pack.

Interior Gasket

- EPDM Sponge

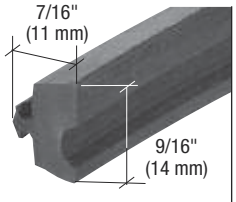


CAT. NO.	FT/ROLL
NP420	250' (76 m)

Minimum order: 1 roll.

Exterior Gasket

- Dense EPDM

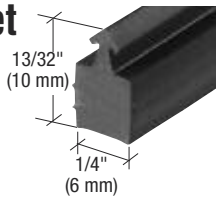


CAT. NO.	FT/ROLL
NP430	250' (76 m)

Minimum order: 1 roll.

Spacer Gasket for Butt Glazing

- Silicone Rubber



CAT. NO.	FT/ROLL
SP250	250' (76 m)

Minimum order: 1 roll.

CRL-U.S. Aluminum Series 2100 and 2200 Curtain Wall Accessories

MORE INFORMATION crlaurence.com

Temporary Glass Retainer

- Use With Captured Mullions

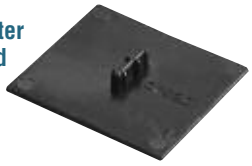


CAT. NO.	QTY/PKG
CW368	50

Minimum order: 1 pack.

Closure Plate

- Used for Perimeter Seal on Captured Mullions

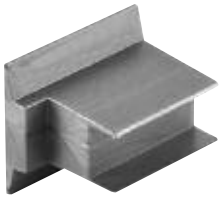


CAT. NO.	QTY/PKG
CP22020	20

Minimum order: 1 pack.

End Dam

- Used With Captured Mullions

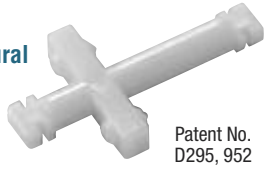


CAT. NO.	QTY/PKG
HD475	50

Minimum order: 1 pack.

Temporary Glass Retainer

- Use With Structural Silicone Glazed Mullions



Patent No. D295, 952

CAT. NO.	QTY/PKG
RG635	50

Minimum order: 1 pack.

Closure Plate

- Used for Perimeter Seal on Structural Silicone Glazed Mullions



CAT. NO.	QTY/PKG
CP271	20

Minimum order: 1 pack.

Water Deflector

- Used With Silicone Glazed Mullions



CAT. NO.	QTY/PKG
WD220	50

Minimum order: 1 pack.

Assembly Screw

- #10 x 1" (25 mm) Hex Washer Head Sheet Metal Screw
- Use With Screw Race Joinery



CAT. NO.	QTY/PKG
ST251	200

Minimum order: 1 pack.

Assembly Screw

- 1/4"-20 x 1" (25 mm) Hex Washer Head Cap Screw
- Use for Pressure Bar Attachment

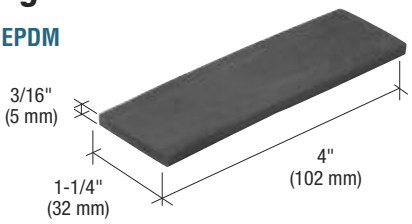


CAT. NO.	QTY/PKG
MS222000200	200

Minimum order: 1 pack.

Edge Block

- EPDM



CAT. NO.	QTY/PKG
SB240	100

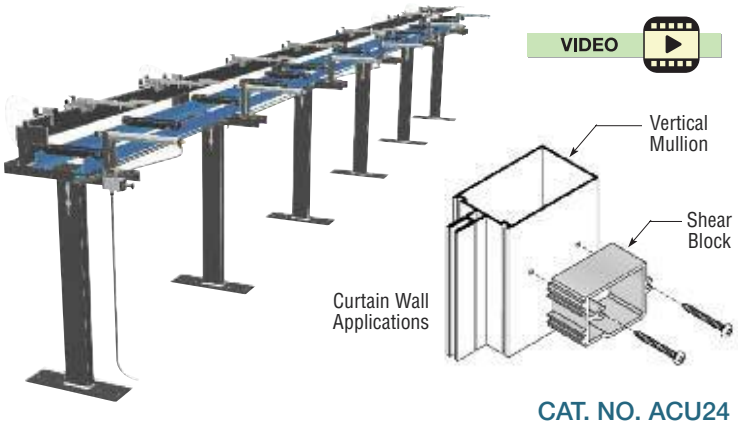
Minimum order: 1 pack.

CRL Accufab Pro Curtain Wall Tool

- For Attaching Head, Sill, and Intermediate Shear Blocks to Curtain Wall, Storefront, and Window Wall Vertical Mullions Quickly and Easily
- See Page US130 for Information

2013 PRODUCT OF THE YEAR USGlass METAL & GLAZING MAGAZINE

CRL US ALUMINUM MANUFACTURED IN THE USA



CAT. NO. ACU24

CRL-U.S. Aluminum Series 2100 and 2200 Curtain Wall Accessories

MORE CHOICES crlaurence.com

Shear Block

- For Horizontal Mullions
- Includes Screws

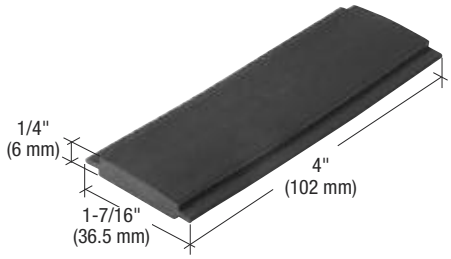


CAT. NO.	USED WITH	QTY/PKG
AP202	CW200	20
AP204	CW204	20
AP205	CW205	20

Minimum order: 1 pack.

Setting Block

- Used With 1" (25 mm) Glass

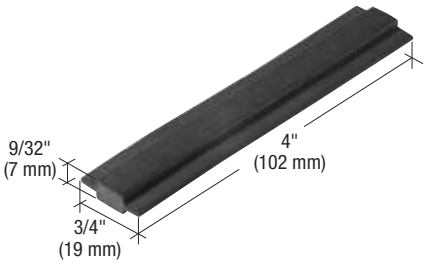


CAT. NO.	QTY/PKG
SB221	100

Minimum order: 1 pack.

Setting Block

- Used With 1/4" (6 mm) Glass



CAT. NO.	QTY/PKG
SB220	20

Minimum order: 1 pack.

Steel Stiffener

- Used With CW230 and CW239 Vertical Mullions
- 2-7/16" x 11/16" (62 x 17.5 mm)
- 10 Gauge



CAT. NO.	LENGTH
SS21016	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- Used With CW240 and CW249 Vertical Mullions
- 3-9/16" x 11/16" (90 x 17.5 mm)
- 10 Gauge



CAT. NO.	LENGTH
SS21116	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- Used With CW231 and CW238 Vertical Mullions
- 2" x 1-1/4" (51 x 32 mm)
- 10 Gauge



CAT. NO.	LENGTH
SS21316	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- Used With CW200 and CW260 Vertical Mullions
- 2-1/4" x 1-9/16" (57 x 40 mm)
- 10 Gauge



CAT. NO.	LENGTH
SS22016	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- Used With CW204, CW234, and CW264 Vertical Mullions
- 3-1/2" x 1-9/16" (89 x 40 mm)
- 10 Gauge



CAT. NO.	LENGTH
SS22116	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- Used With CW205 and CW265 Vertical Mullions
- 4-7/16" x 1-9/16" (113 x 40 mm)
- 10 Gauge

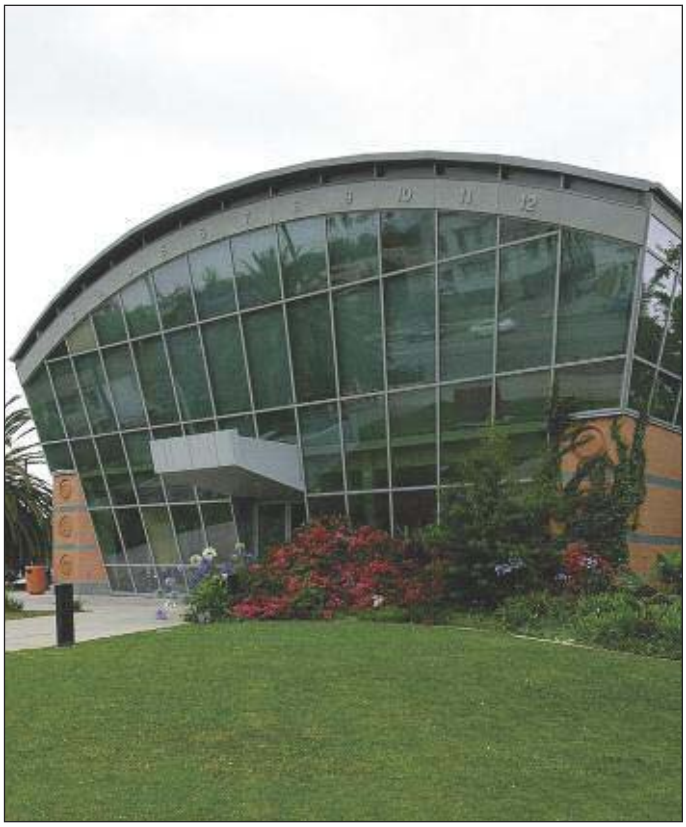


CAT. NO.	LENGTH
SS22216	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.







CRL-U.S. Aluminum Series 3250 Curtain Wall

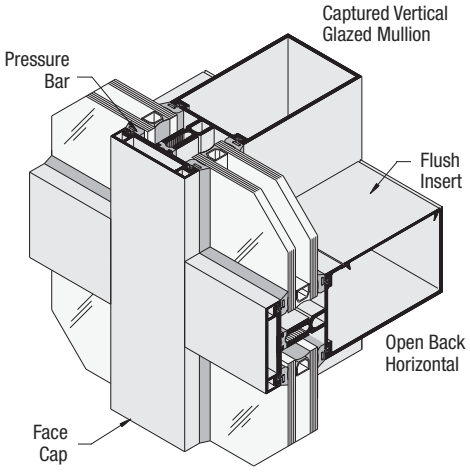
- Thermally Improved
- 2-1/2" (64 mm) Face Dimension
- Multiple System Depths
- Standard for 1" (25 mm) Glazing
- Available for 1/4" (6 mm) Glazing
- Exterior Glazed
- Available for Captured Glazing



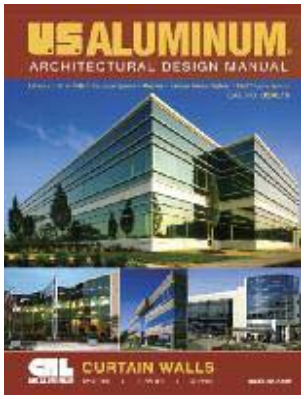
Strength, versatility, and economics make Series 3250 Curtain Wall an industry favorite for low to mid-rise applications where exterior glazing is desired. Complementing the efficiency of insulated glass, Series 3250 is thermally improved by a continuous thermal spacer interlocked with the horizontal and vertical pressure plates. Dual colors can be achieved by specifying different finishes for the exterior face covers and interior mullions. Two piece horizontals and die cast shear blocks allow for a concealed horizontal to vertical joinery without exposed screws. These joint intersections also have concealed injection molded end dams for controlling any infiltrated water. Various depth mullions are available for accommodating single and multi-span structural loads.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

MORE INFORMATION
crlaurence.com

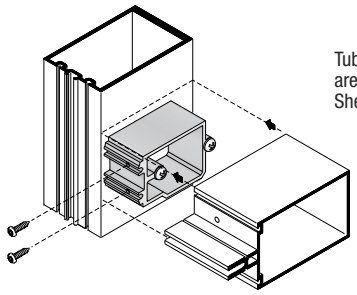


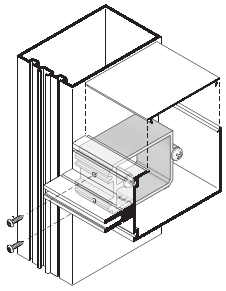
SERIES 3250
Captured Vertical Glazed Curtain Wall



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL15 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.

- Tubular and Open Back Horizontals Available





SERIES	FACE WIDTH	BACK MEMBER DEPTH	OVERALL DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
3250	2-1/2" (64 mm)	4" (102 mm) 5" (127 mm) 8" (203 mm)	6" (152 mm) 7" (178 mm) 10" (254 mm)	1/4" (6 mm) or 1" (25 mm)	Exterior	Low to Mid-Rise Buildings Where Exterior Glazing is Desired

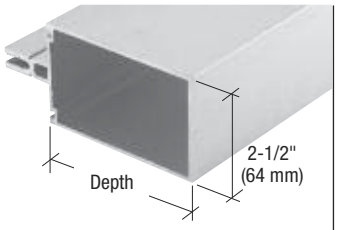
CRL-U.S. Aluminum Series 3250 Curtain Wall Profiles

MORE CHOICES crlaurence.com

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

For Accessories, see pages US120-US122

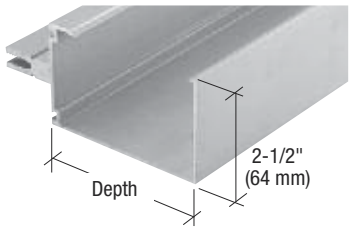
Vertical/Horizontal Mullion



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
CW96411	CW90511	CW90811	Clear Anodized
CW96422	CW90522	CW90822	Bronze Anodized
CW96433	CW90533	CW90833	Black Anodized

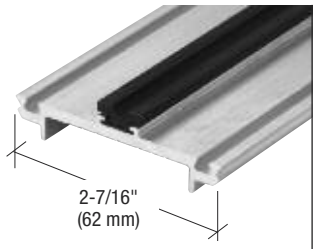
Open Back Horizontal Mullion



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
CW92611	CW92511	CW98811	Clear Anodized
CW92622	CW92522	CW98822	Bronze Anodized
CW92633	CW92533	CW98833	Black Anodized

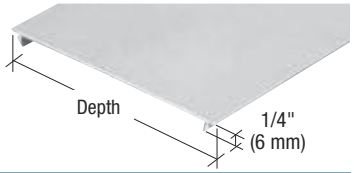
Pressure Bar With Thermal Spacer



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW93399	Mill

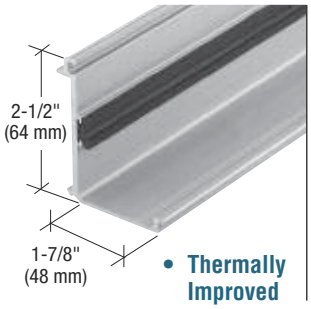
Horizontal Inserts



24'-2" (7.3 M) STOCK LENGTH

3-19/64" (84 MM) DEPTH CAT. NO.	4-1/8" (105 MM) DEPTH CAT. NO.	7-1/16" (180 MM) DEPTH CAT. NO.	FINISH
CW41311	CW95011	CW98911	Clear Anodized
CW41322	CW95022	CW98922	Bronze Anodized
CW41333	CW95033	CW98933	Black Anodized

Perimeter Pressure Bar With Thermal Spacer

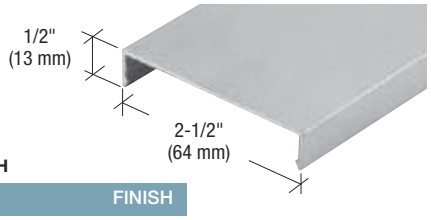


- Thermally Improved

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW95211	Clear Anodized
CW95222	Bronze Anodized
CW95233	Black Anodized

Face Cap



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW90111	Clear Anodized
CW90122	Bronze Anodized
CW90133	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

CRL Face Cap Remover

NEW!

- Removes Most Pressure Bar System Face Caps
- Adjustable for Varying Size Face Caps
- Lightweight, Easy Grip Handle



VIDEO



CAT. NO. FCR1

CRL Face Cap Remover is designed to remove exterior face caps on a wide selection of curtain walls by simply hooking one side of the face cap to pull and pop off the cap. This tool has an easy grip, lightweight handle, and is quick and easy to adjust for use on varying size face caps. Minimum order is one each.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series 3250 Curtain Wall Profiles

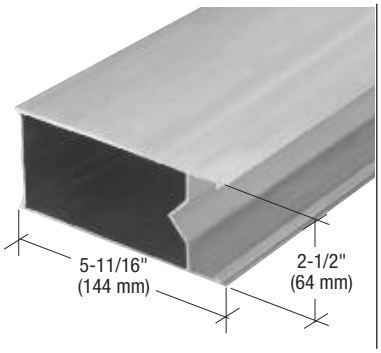
MORE CHOICES crlaurence.com

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

For Accessories, see pages US120-US122

90 Degree Outside Corner Mullion

- Used With CW971 and CW962

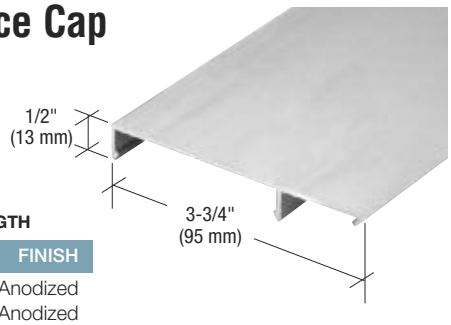


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW96011	Clear Anodized
CW96022	Bronze Anodized
CW96033	Black Anodized

90 Degree Face Cap

- For Outside Corner
- Used With CW993
- Requires Two Per Corner

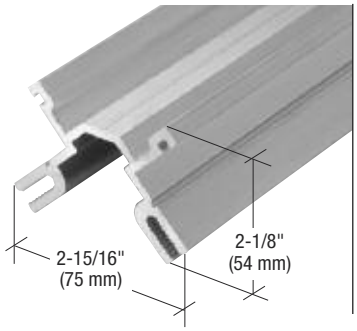


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW96911	Clear Anodized
CW96922	Bronze Anodized
CW96933	Black Anodized

Pressure Bar Adaptor

- For 90 Degree Outside Corner
- Used With CW993

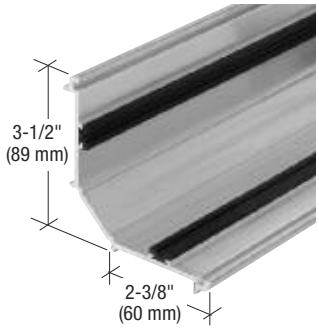


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW97199	Mill

90 Degree Outside Corner Pressure Bar

- Thermally Isolated
- Used With CW971 and CW933

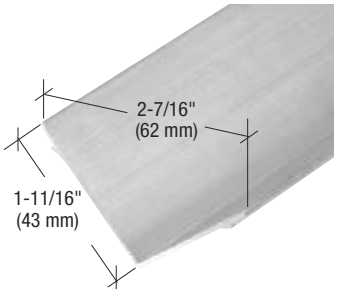


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW99399	Mill

Inside Corner Interior Trim

- Used With CW960 for 4" (102 mm) Depth System

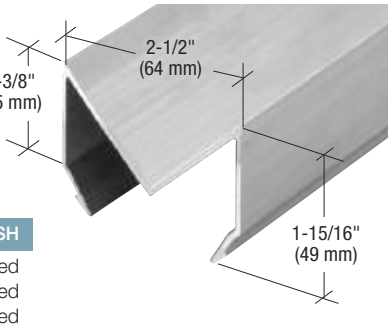


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW96211	Clear Anodized
CW96222	Bronze Anodized
CW96233	Black Anodized

90 Degree Corner Trim

- Used With CW960 for 5" (127 mm) Depth System

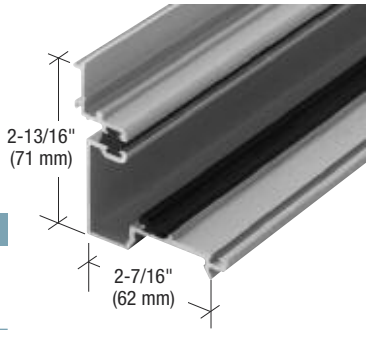


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW96111	Clear Anodized
CW96122	Bronze Anodized
CW96133	Black Anodized

Door Jamb Pressure Bar

- Thermally Improved

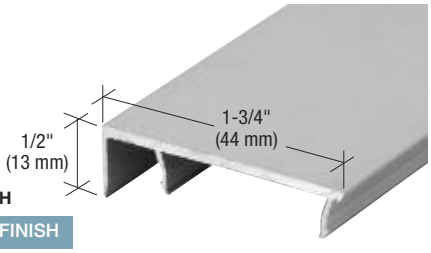


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW95811	Clear Anodized
CW95822	Bronze Anodized
CW95833	Black Anodized

Door Jamb Face Cap

- Used With CW993



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW90611	Clear Anodized
CW90622	Bronze Anodized
CW90633	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series 3150 Curtain Wall

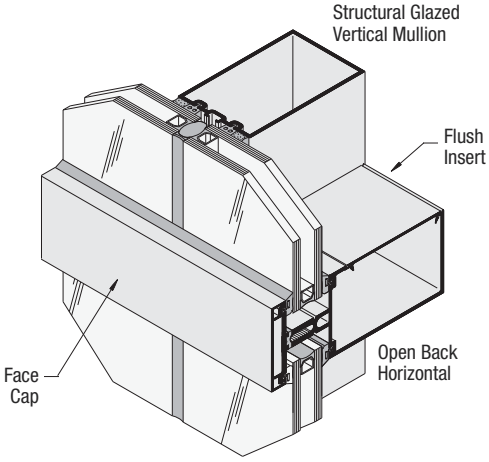
- Thermally Improved
- Vertical Structural Silicone Glazed
- Standard 1" (25 mm) Glazing
- Available for 1/4" (6 mm) Glazing
- Multiple System Depths
- Concealed Horizontal to Vertical Joinery
- Three Finishes and Custom Paint Available



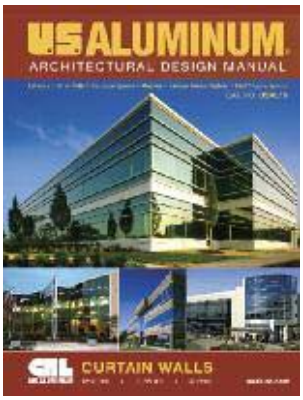
Series 3150 Curtain Wall combines the horizontal members of Series 3250 Curtain Wall with Structural Silicone Glazed Vertical Mullions. Narrow 3/8" silicone joints and vertical mullions hidden behind the glass create the appearance of a glass wall with horizontal feature strips.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

MORE INFORMATION crlaurence.com

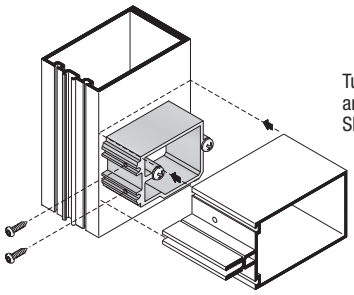


SERIES 3150
Structural Silicone Glazed Vertical Curtain Wall

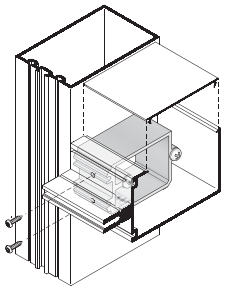


Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL15 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the catalog Library at crlaurence.com/catalogs.

- Tubular and Open Back Horizontals Available



Tubular Horizontals are Positioned Over Shear Blocks



Open Back Horizontals are Rolled Over Shear Blocks

SERIES	FACE WIDTH	BACK MEMBER DEPTH	OVERALL DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
3150	2-1/2" (64 mm)	4" (102 mm) 5" (127 mm) 8" (203 mm)	6" (152 mm) 7" (178 mm) 10" (254 mm)	1" (25 mm)	Exterior	Low to Mid-Rise Buildings Where Total Glass Appearance is Desired

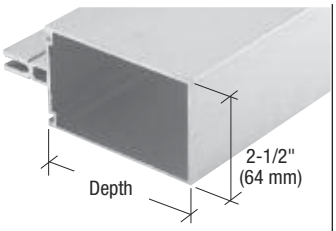
CRL-U.S. Aluminum Series 3150 Curtain Wall Profiles

MORE INFORMATION crlaurence.com

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

For Accessories, see pages US120-US122

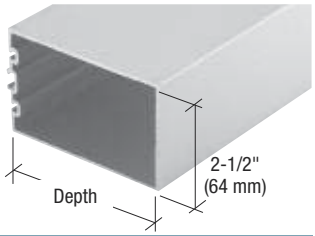
Vertical/Horizontal Mullion



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
CW96411	CW90511	CW90811	Clear Anodized
CW96422	CW90522	CW90822	Bronze Anodized
CW96433	CW90533	CW90833	Black Anodized

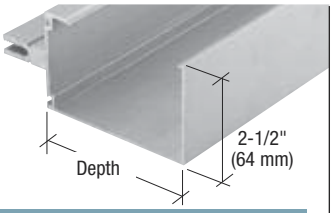
Structural Silicone Glazed Vertical Mullion



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
CW93411	CW93511	CW97411	Clear Anodized
CW93422	CW93522	CW97422	Bronze Anodized
CW93433	CW93533	CW97433	Black Anodized

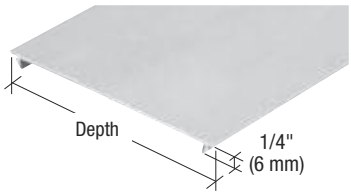
Open Back Horizontal Mullion



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
CW92611	CW92511	CW98811	Clear Anodized
CW92622	CW92522	CW98822	Bronze Anodized
CW92633	CW92533	CW98833	Black Anodized

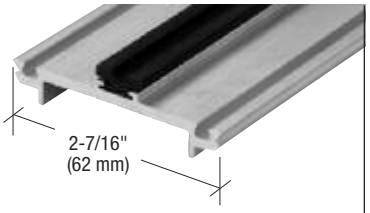
Horizontal Inserts



24'-2" (7.3 M) STOCK LENGTH

3-19/64" (84 MM) DEPTH CAT. NO.	4-1/8" (105 MM) DEPTH CAT. NO.	7-1/16" (180 MM) DEPTH CAT. NO.	FINISH
CW41311	CW95011	CW98911	Clear Anodized
CW41322	CW95022	CW98922	Bronze Anodized
CW41333	CW95033	CW98933	Black Anodized

Pressure Bar With Thermal Spacer

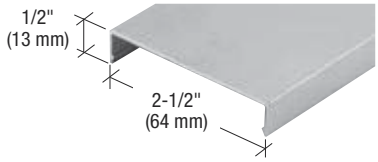


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW93399	Mill

Face Cap

- Used With CW93399



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW90111	Clear Anodized
CW90122	Bronze Anodized
CW90133	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

CRL Face Cap Remover

NEW!

- Removes Most Pressure Bar System Face Caps
- Adjustable for Varying Size Face Caps
- Lightweight, Easy Grip Handle



VIDEO



CAT. NO. FCR1

CRL Face Cap Remover is designed to remove exterior face caps on a wide selection of curtain walls by simply hooking one side of the face cap to pull and pop off the cap. This tool has an easy grip, lightweight handle, and is quick and easy to adjust for use on varying size face caps. Minimum order is one each.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series 3150 Curtain Wall Profiles

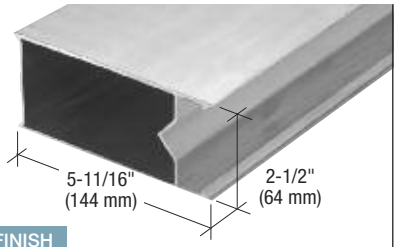
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US120-US122

90 Degree Outside Corner Mullion

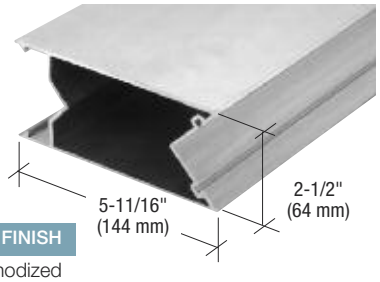
- Used With CW962 and CW961



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW96011	Clear Anodized
CW96022	Bronze Anodized
CW96033	Black Anodized

90 Degree Inside Corner Mullion



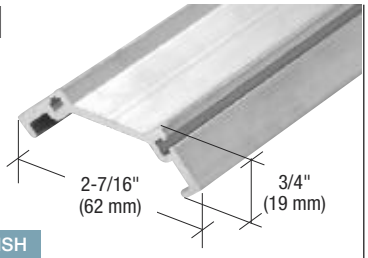
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW98011	Clear Anodized
CW98022	Bronze Anodized
CW98033	Black Anodized

- Used With CW982 and CW976

90 Degree Structural Silicone Outside Corner Adaptor

- Used With CW960

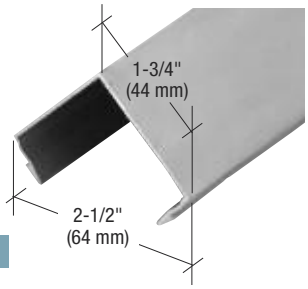


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW96611	Clear Anodized
CW96622	Bronze Anodized
CW96633	Black Anodized

90 Degree Inside Corner Cover

- Used With CW980 for 4" (102 mm) Depth System

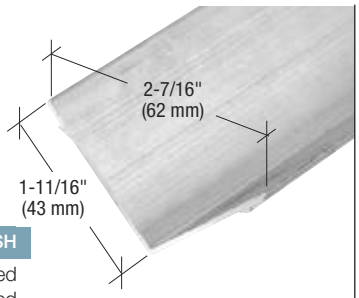


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW98211	Clear Anodized
CW98222	Bronze Anodized
CW98233	Black Anodized

Inside Corner Interior Trim

- Used With CW960 for 4" (102 mm) Depth System

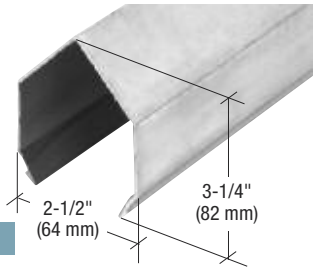


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW96211	Clear Anodized
CW96222	Bronze Anodized
CW96233	Black Anodized

90 Degree Inside Corner Cover

- Used With CW980 for 5" (127 mm) Depth System

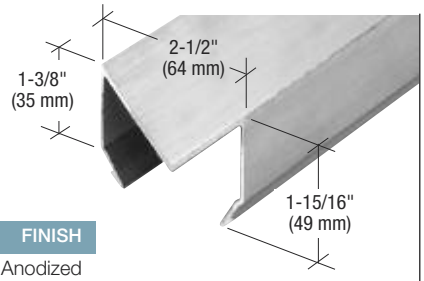


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW98111	Clear Anodized
CW98122	Bronze Anodized
CW98133	Black Anodized

90 Degree Corner Trim

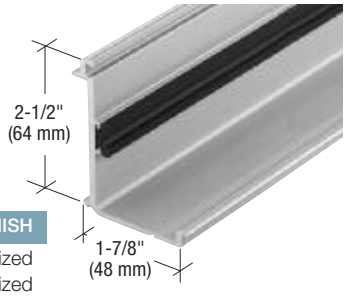
- Used With CW960 for 5" (127 mm) Depth System



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW96111	Clear Anodized
CW96122	Bronze Anodized
CW96133	Black Anodized

Perimeter Pressure Bar With Thermal Spacer



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW95211	Clear Anodized
CW95222	Bronze Anodized
CW95233	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series 3150 Curtain Wall Profiles

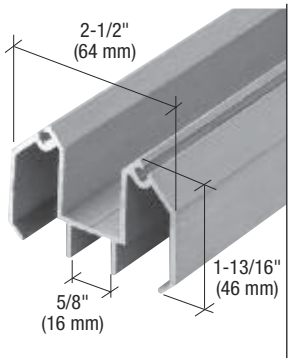
MORE INFORMATION crlaurence.com

- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

For Accessories, see pages US120-US122

90 Degree Outside Corner Adaptor

- Used With CW960 for 1/4" (6 mm) Glazing

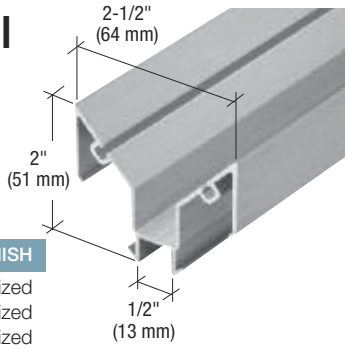


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW97711	Clear Anodized
CW97722	Bronze Anodized
CW97733	Black Anodized

90 Degree Structural Silicone Inside Corner Adaptor

- Used With CW980 for 1/4" (6 mm) Glazing

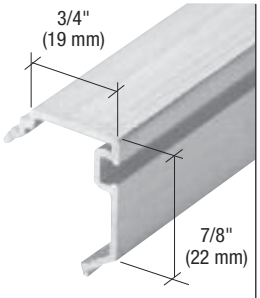


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW97611	Clear Anodized
CW97622	Bronze Anodized
CW97633	Black Anodized

1/4" Pocket Reducer

- For Captured Glazing

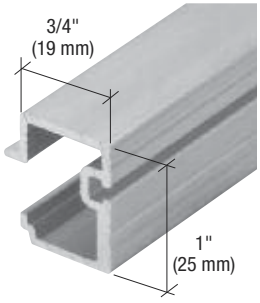


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW92111	Clear Anodized
CW92122	Bronze Anodized
CW92133	Black Anodized

1/4" Pocket Reducer

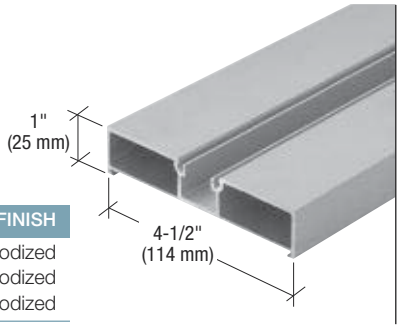
- For Structural Silicone Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
CW97511	Clear Anodized
CW97522	Bronze Anodized
CW97533	Black Anodized

1" Door Jamb

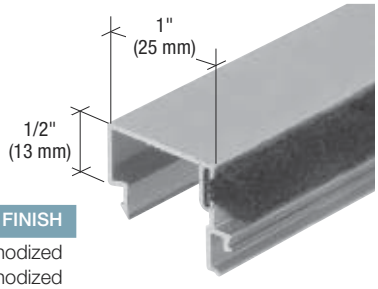


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
TJ45011	Clear Anodized
TJ45022	Bronze Anodized
TJ45033	Black Anodized

Snap-In Door Stop

- Used With TJ450



21'-2" (6.4 M) STOCK LENGTH

CAT. NO.	FINISH
DS04711	Clear Anodized
DS04722	Bronze Anodized
DS04733	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

CRL Accufab Pro Curtain Wall Tool

- For Attaching Head, Sill, and Intermediate Shear Blocks to Curtain Wall, Storefront, and Window Wall Vertical Mullions Quick and Easy
- See Page US130 for Information

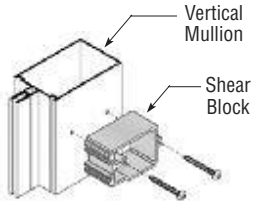
2013 PRODUCT OF THE YEAR USGlass MAGAZINE

CRL US ALUMINUM MANUFACTURED IN THE USA



Curtain Wall Applications

VIDEO



CAT. NO. ACU24

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series 3150 and 3250 Curtain Wall Accessories

MORE INFORMATION crlaurence.com

Intermediate 'T' Anchor

- For Captured Vertical Mullions



CAT. NO.	USED WITH	QTY/PKG
AP964	CW954 and CW964	12
AP965	CW915 and CW905	12
AP968	CW918 and CW908	12

Minimum order: 1 pack.

Intermediate 'T' Anchor

- For Structural Silicone Mullions

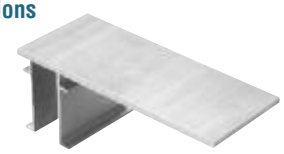


CAT. NO.	USED WITH	QTY/PKG
AP994	CW934	12
AP995	CW935	12
AP998	CW974	12

Minimum order: 1 pack.

Wall Jamb Anchor

- For Captured Vertical Mullions

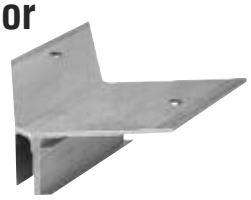


CAT. NO.	USED WITH	QTY/PKG
AP974	CW954 and CW964	6
AP975	CW915 and CW905	6
AP978	CW918 and CW908	6

Minimum order: 1 pack.

Outside 90 Degree Corner Anchor

- For Structural Silicone and Captured Mullions



CAT. NO.	USED WITH	QTY/PKG
AP960	CW960	10

Minimum order: 1 pack.

Inside 90 Degree Corner Anchor

- For Structural Silicone Mullions



CAT. NO.	USED WITH	QTY/PKG
AP980	CW980	10

Minimum order: 1 pack.

Splice Sleeve

- For Captured Vertical Mullions



CAT. NO.	USED WITH	QTY/PKG
SL944	CW954 and CW964	12
SL945	CW915 and CW905	12
SL948	CW918 and CW908	12

Minimum order: 1 pack.

Splice Sleeve

- For 90 Degree Inside Corner Mullions



CAT. NO.	USED WITH	QTY/PKG
SL980	CW980	5

Minimum order: 1 pack.

Splice Sleeve

- For 90 Degree Outside Corner Mullions



CAT. NO.	USED WITH	QTY/PKG
SL960	CW960	5

Minimum order: 1 pack.

Splice Sleeve

- For Structural Silicone Vertical Mullions



CAT. NO.	USED WITH	QTY/PKG
SL934	CW934	12
SL935	CW935	12
SL974	CW974	12

Minimum order: 1 pack.

Shear Block

- For Horizontal Mullions



CAT. NO.	USED WITH	QTY/PKG
AP954	CW954 and CW926	20
AP955	CW915 and CW925	20

Minimum order: 1 pack.

Shear Block

- For Horizontal Mullions



CAT. NO.	USED WITH	QTY/PKG
AC956	CW988	20

Minimum order: 1 pack.

Intermediate Shear Block

- For Horizontal Mullions With Screws



CAT. NO.	USED WITH	QTY/PKG
AP928	CW908	20

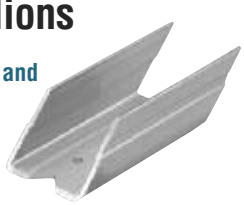
Minimum order: 1 pack.

CRL-U.S. Aluminum Series 3150 and 3250 Curtain Wall Accessories

MORE INFORMATION crlaurence.com

Shear Block for Corner Mullions

- Used With Inside and Outside Corners

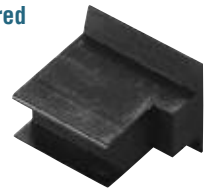


CAT. NO.	USED WITH	QTY/PKG
AP926	CW960 and CW980	20

Minimum order: 1 pack.

End Dam

- Used With Captured Vertical Mullions



CAT. NO.	QTY/PKG
HD975	50

Minimum order: 1 pack.

Water Deflector

- Used With Structural Silicone Glazed Vertical Mullions

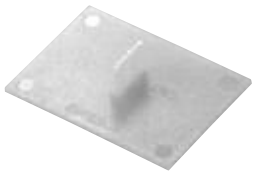


CAT. NO.	QTY/PKG
WD900	50

Minimum order: 1 pack.

Closure Plate

- For Captured Mullions

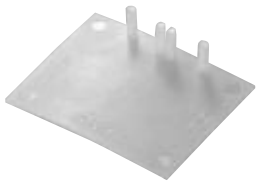


CAT. NO.	QTY/PKG
CP900	50

Minimum order: 1 pack.

Closure Plate

- For Structural Silicone Mullions



CAT. NO.	QTY/PKG
CP951	50

Minimum order: 1 pack.

Closure Plate

- For Outside Corner Mullions



CAT. NO.	QTY/PKG
CP953	10

Minimum order: 1 pack.

Closure Plate

- For Inside Corner Mullions



CAT. NO.	QTY/PKG
CP954	10

Minimum order: 1 pack.

Temporary Glass Retainer

- Used With Captured Glazing

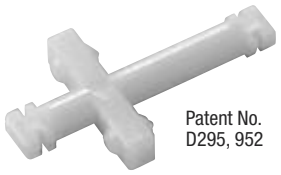


CAT. NO.	QTY/PKG
CW368	50

Minimum order: 1 pack.

Temporary Glass Retainer

- Used With Structural Silicone Glazing



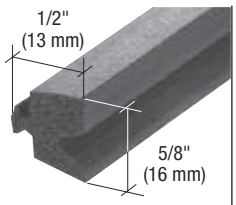
Patent No. D295, 952

CAT. NO.	QTY/PKG
RG635	50

Minimum order: 1 pack.

Interior Gasket

- EPDM Sponge

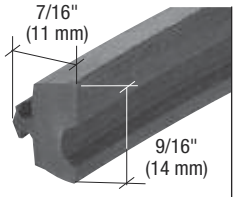


CAT. NO.	MULLION DEPTH	FT/ROLL
NP420	All	250' (76 m)

Minimum order: 1 roll.

Exterior Gasket

- Dense EPDM

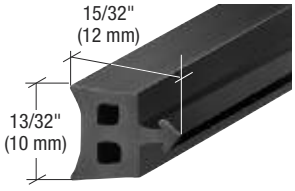


CAT. NO.	MULLION DEPTH	FT/ROLL
NP430	All	250' (76 m)

Minimum order: 1 roll.

Spacer Gasket

- Silicone Rubber



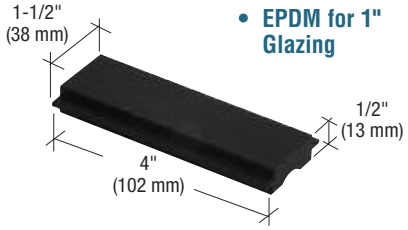
CAT. NO.	FT/ROLL
SP450	250' (76 m)

Minimum order: 1 roll.

CRL-U.S. Aluminum Series 3150 and 3250 Curtain Wall Accessories

MORE CHOICES crlaurence.com

Setting Block

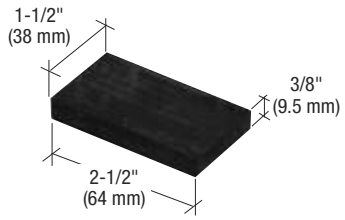


- EPDM for 1" Glazing

CAT. NO.	QTY/PKG
SB910	100

Minimum order: 1 pack.

Edge Block



CAT. NO.	QTY/PKG
AW901	100

Minimum order: 1 pack.

Assembly Screw

- 1/4"-20 x 1" (25 mm) Hex Washer Head Cap Screw
- Use for Pressure Bar Attachment



CAT. NO.	QTY/PKG
MS222000200	200

Minimum order: 1 pack.

Outside Corner Water Deflector



CAT. NO.	QTY/PKG
WD961	10

Minimum order: 1 pack.

Inside Corner Water Deflector



CAT. NO.	QTY/PKG
WD981	10

Minimum order: 1 pack.

Drill Jig

- For 3150 and 3250 Series Curtain Wall
- Horizontal to Vertical Shear Block Joinery



CAT. NO.	QTY/PKG
DJ360	1

Minimum order: 1 each.

Steel Stiffener

- For 4" (102 mm) Mullions
- Fits CW934, CW954, and CW964
- 3-1/2" x 1-11/16" (89 x 43 mm)
- 7 Gauge



CAT. NO.	LENGTH
SS96416	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- For 5" (127 mm) Mullions
- Fits CW905, CW915, and CW935
- 4-1/2" x 1-43/64" (114 x 42 mm)
- 7 Gauge

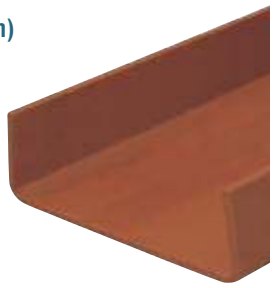


CAT. NO.	LENGTH
SS90516	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

Steel Stiffener

- For 8" (203 mm) Mullions
- Fits CW908, CW918, and CW974
- 7-1/4" x 2-1/4" (184 x 57 mm)
- 10 Gauge



CAT. NO.	LENGTH
SS90816	16'-0" (4.88 m)

Minimum order: 1 stock length. Must ship common carrier.

CRL Hydrapunch™ Machine

- Punches Four Holes at Once in Curtain Wall Extrusions to Reduce Shop Fabrication Time
- Hydraulic Operation - 110 Volts
- Easy to Set Up and Operate
- See Page US131 for More Information

MORE INFORMATION crlaurence.com



CAT. NO. HM00100

TOLL FREE Phone: (800) 421-6144
Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL-U.S. Aluminum Series 4500 and 4500SG Curtain Walls

- Superior Thermal Performance
- 1" (25 mm) Glazing System for Low to Mid-Rise Buildings
- Pocket Reducer Available For 1/4" (6 mm) Glazing
- Exterior Glazed
- Available for Captured Glazing and Structural Silicone Glazing

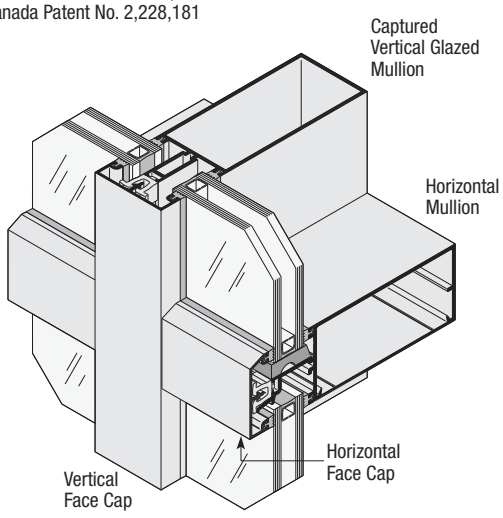


The Series 4500 and 4500SG Curtain Walls feature pressure relieved horizontals with a unique, integral UNIflash™ System to literally sweep infiltrated water to the exterior. UNIflash™ eliminates the secondary operation of installing rigid vinyl internal flashing in horizontals as required by similar systems. Exterior and interior members are internally joined with a non-conductive injection molded thermoplastic connector providing total thermal isolation which allows by specifying different finishes for exterior face members and interior mullions. The system features either shear block or panel type assembly with no exposed joint fasteners.

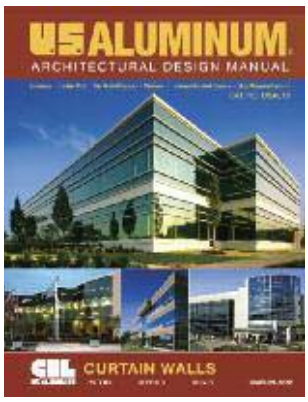
Series 4500SG is offered in stick or panel erected systems combining the horizontal members of Series 4500 with structural silicone glazed vertical mullions. The two-sided silicone system creates the appearance of a glass wall with horizontal feature strips.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

U.S. Patent No. 5,839,236
UK Patent No. 9802018.3;
Canada Patent No. 2,228,181

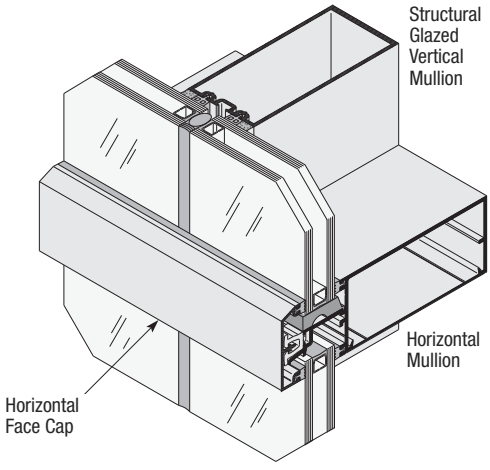


SERIES 4500
Captured Vertical Glazed Curtain Wall



Complete specifications, detailed assembly drawings, windload and deadload charts, can be found in our USAL15 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs**.

MORE INFORMATION
crlaurence.com



SERIES 4500SG
Structural Silicone Glazed Vertical Curtain Wall

SERIES	FACE WIDTH	BACK MEMBER DEPTH	OVERALL DEPTH	GLAZING INFILL	GLAZING METHOD	APPLICATIONS
4500 4500SG	2-1/4" (57 mm)	4" (102 mm) 5" (127 mm) 8" (203 mm)	6" (152 mm) 7" (178 mm) 10" (254 mm)	1/4" (6 mm) or 1" (25 mm)	Exterior	Low to Mid-Rise Buildings Where Exterior Glazing is Desired

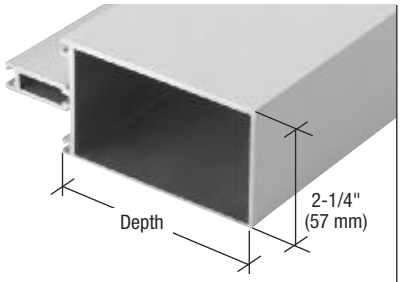
CRL-U.S. Aluminum Series 4500 and 4500SG Curtain Wall Profiles

- Clear, Bronze, and Black Anodized Finishes
- Three Sizes Available
- Shear Block Assembly
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US126-US129

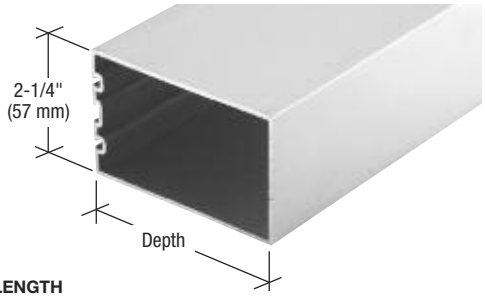
Captured Glazed Vertical Mullion



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
TW44111	TW54111	TW84111	Clear Anodized
TW44122	TW54122	TW84122	Bronze Anodized
TW44133	TW54133	TW84133	Black Anodized

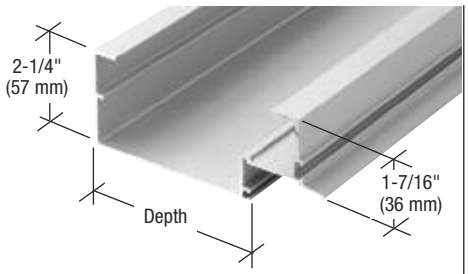
Structural Silicone Glazed Vertical Mullion



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
TW41011	TW55011	TW81011	Clear Anodized
TW41022	TW55022	TW81022	Bronze Anodized
TW41033	TW55033	TW81033	Black Anodized

Open Back Head Mullion

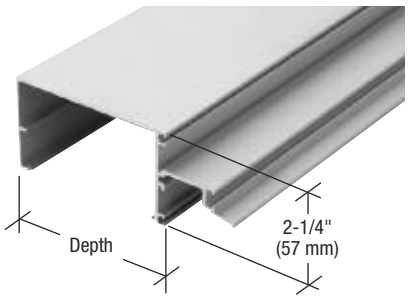


24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
TW44311	TW54311	TW84311	Clear Anodized
TW44322	TW54322	TW84322	Bronze Anodized
TW44333	TW54333	TW84333	Black Anodized

Open Back Horizontal Mullion

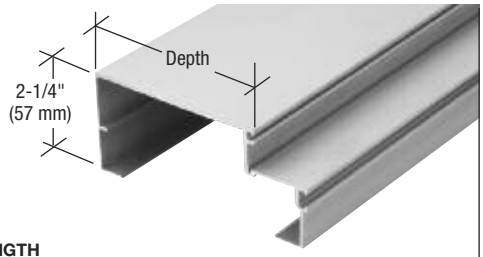
- Used With PS100



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	FINISH
TW44511	TW54511	Clear Anodized
TW44522	TW54522	Bronze Anodized
TW44533	TW54533	Black Anodized

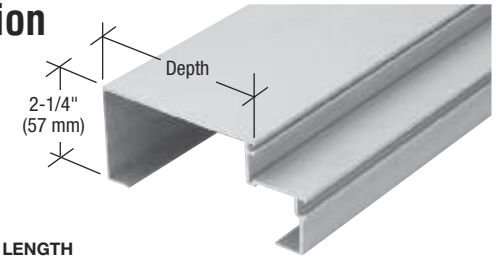
Sill Mullion



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
TW44611	TW54611	TW84611	Clear Anodized
TW44622	TW54622	TW84622	Bronze Anodized
TW44633	TW54633	TW84633	Black Anodized

Jamb Mullion



24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	8" (203 MM) DEPTH CAT. NO.	FINISH
TW41611	TW51611	TW81611	Clear Anodized
TW41622	TW51622	TW81622	Bronze Anodized
TW41633	TW51633	TW81633	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

Duranar and Sunstorm are registered trademarks of PPG Industries Ohio, Inc.

CRL-U.S. Aluminum Series 4500 and 4500SG Curtain Wall Profiles

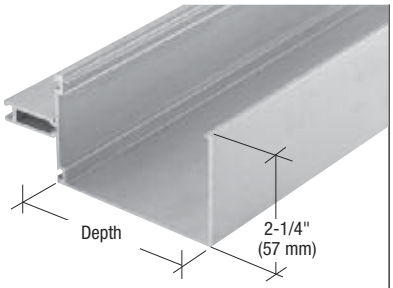
- Clear, Bronze, and Black Anodized Finishes
- Duranar® and Duranar® Sunstorm® Color Coatings on Request

MORE CHOICES crlaurence.com

For Accessories, see pages US126-US129

Captured Glazed Vertical Mullion

- Used With TW504 and TW704 for Panel Assembly

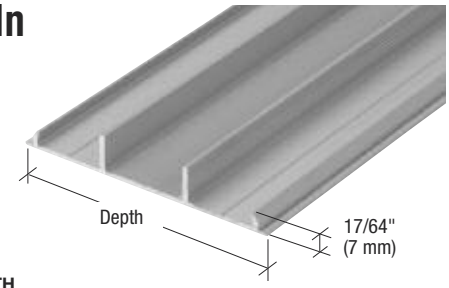


24'-2" (7.3 M) STOCK LENGTH

4" (102 MM) DEPTH CAT. NO.	5" (127 MM) DEPTH CAT. NO.	FINISH
TW50111	TW70111	Clear Anodized
TW50122	TW70122	Bronze Anodized
TW50133	TW70133	Black Anodized

Vertical Snap-In Insert

- Used With TW501 and TW701 for Panel Assembly

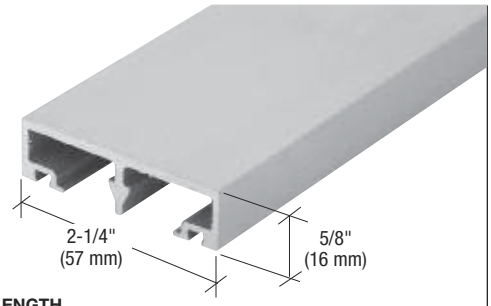


24'-2" (7.3 M) STOCK LENGTH

3-3/4" (95 MM) DEPTH CAT. NO.	4-3/4" (121 MM) DEPTH CAT. NO.	FINISH
TW50411	TW70411	Clear Anodized
TW50422	TW70422	Bronze Anodized
TW50433	TW70433	Black Anodized

Vertical Face Cap

- Used on All Captured Vertical Mullions

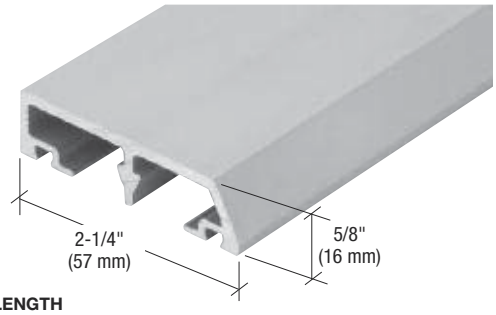


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
TW91211	Clear Anodized
TW91222	Bronze Anodized
TW91233	Black Anodized

Horizontal Face Cap

- Used With All Horizontal Mullions

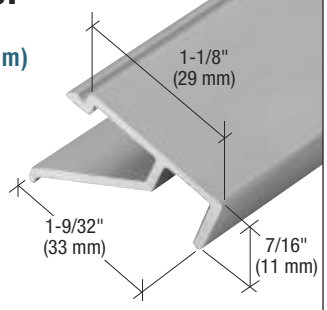


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
TW91711	Clear Anodized
TW91722	Bronze Anodized
TW91733	Black Anodized

1" Pocket Insert Perimeter

- For 1" (25 mm) Glazing

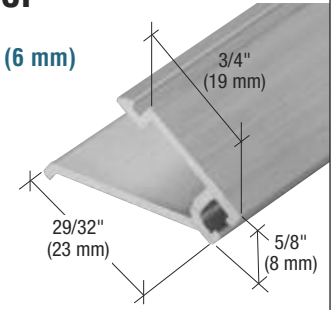


24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
TW72411	Clear Anodized
TW72422	Bronze Anodized
TW72433	Black Anodized

1/4" Pocket Reducer

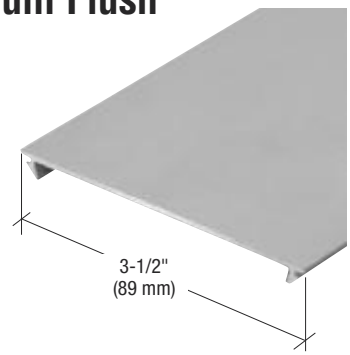
- For 1/4" (6 mm) Glazing



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
TW70911	Clear Anodized
TW70922	Bronze Anodized
TW70933	Black Anodized

Aluminum Flush Insert



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
PS10011	Clear Anodized
PS10022	Bronze Anodized
PS10033	Black Anodized

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. F.O.B. CRL Service Centers. Must ship common carrier.

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From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL-U.S. Aluminum Series 4500 and 4500SG Curtain Wall Accessories

MORE INFORMATION crlaurence.com

Intermediate 'T' Anchor



- For Captured Vertical Mullions

CAT. NO.	USED WITH	QTY/PKG
AP514	TW441	12
AP707	TW541	12
AP604	TW841	12

Minimum order: 1 pack.

Intermediate 'T' Anchor



- For Structural Silicone Vertical Mullions

CAT. NO.	USED WITH	QTY/PKG
AP513	TW410	12
AP712	TW550	12
AP812	TW810	12

Minimum order: 1 pack.

Wall Jamb Anchor



- For Captured Vertical Mullions

CAT. NO.	USED WITH	QTY/PKG
AP516	TW441 and TW416	4
AP634	TW541 and TW516	4
AP607	TW841	4

Minimum order: 1 pack.

Wall Jamb Anchor



- For Structural Silicone Vertical Mullions

CAT. NO.	USED WITH	QTY/PKG
AP511	TW410	4
AP711	TW550	4
AP811	TW810	4

Minimum order: 1 pack.

Optional Perimeter Anchor

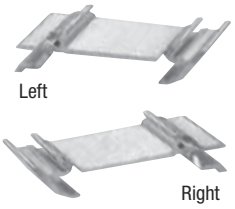


- Works With All Three Mullion Depths

CAT. NO.	QTY/PKG
AP626	12

Minimum order: 1 pack.

Shear Blocks



- For Outside 90 Degree Corners
- Set Includes One Left, One Right Block, and Screws

CAT. NO.	USED WITH	QTY/PKG
AP568	TW470	1 Set
AP708	TW580	1 Set

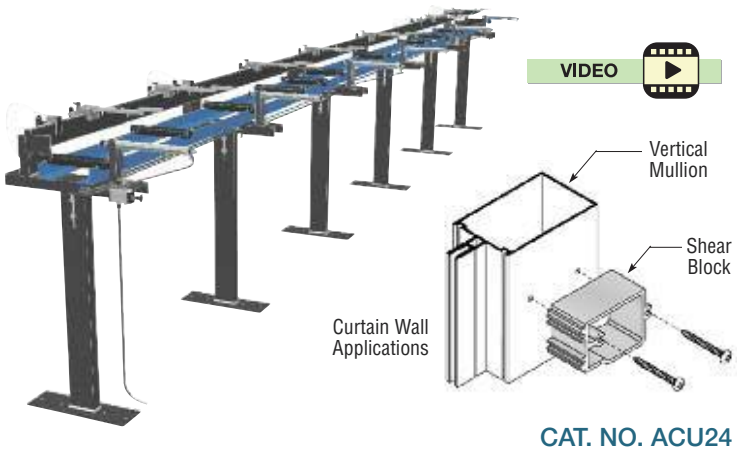
Minimum order: 1 pack.

CRL Accufab Pro Curtain Wall Tool

- For Attaching Head, Sill, and Intermediate Shear Blocks to Curtain Wall, Storefront, and Window Wall Vertical Mullions Quickly and Easily
- See Page US130 for More Information

2013 PRODUCT OF THE YEAR USGlass METAL & GLAZING MAGAZINE

CRL US ALUMINUM MANUFACTURED IN THE USA



CAT. NO. ACU24

CRL-U.S. Aluminum Series 4500 and 4500SG Curtain Wall Accessories

MORE CHOICES crlaurence.com

Splice Sleeves

- For Structural Silicone 90 Degree Inside or Outside Corner Mullions



CAT. NO.	USED WITH	QTY/PKG
SL572	TW470	5
SL772	TW580	5

Minimum order: 1 pack.

Splice Sleeves

- For Structural Silicone Vertical Mullions



CAT. NO.	USED WITH	QTY/PKG
SL512	TW410	12
SL711	TW550	12
SL811	TW810	12

Minimum order: 1 pack.

Splice Sleeves

- For Captured Vertical Mullions



CAT. NO.	USED WITH	QTY/PKG
SL511	TW441	12
SL710	TW541	12
SL811	TW841	12

Minimum order: 1 pack.

Drill Jig

- Used With All Three Mullion Depths



CAT. NO.	FOR	QTY/PKG
DJ750	Shear Block Assembly	1
DJ751	Screw Spline Assembly	1

Minimum order: 1 each.

Shear Blocks

- For Horizontal Mullions
- Screws Included

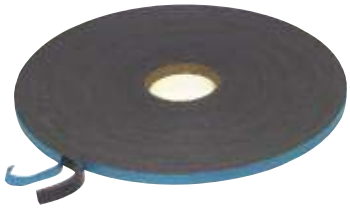


CAT. NO.	USED WITH	QTY/PKG
AP431	TW443, TW445, and TW446	20
AP531	TW543, TW545, and TW546	20

Minimum order: 1 pack.

Spacer Tape

- For Structural Silicone Corners
- 1/4" x 3/4" (6 x 19 mm)

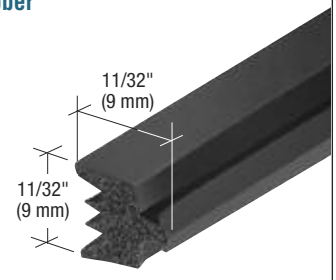


CAT. NO.	FT/ROLL
V210834	50' (15 m)

Minimum order: 1 roll.

Interior Gasket

- Sponge Rubber

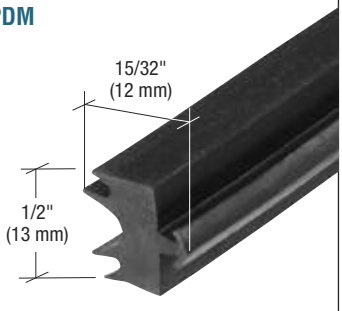


CAT. NO.	FT/ROLL
NP716	500' (152 m)

Minimum order: 1 roll.

Exterior Gasket

- Dense EPDM

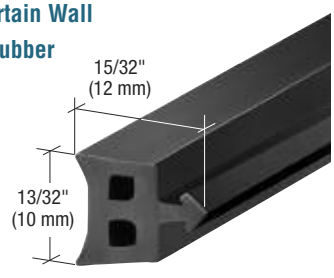


CAT. NO.	FT/ROLL
NP726	250' (76 m)

Minimum order: 1 roll.

Spacer Gasket

- For Structural Silicone Glazed Curtain Wall
- Silicone Rubber



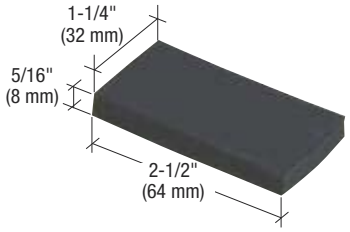
CAT. NO.	FT/ROLL
SP450	250' (76 m)

Minimum order: 1 roll.

CRL-U.S. Aluminum Series 4500 and 4500SG Curtain Wall Accessories

MORE INFORMATION crlaurence.com

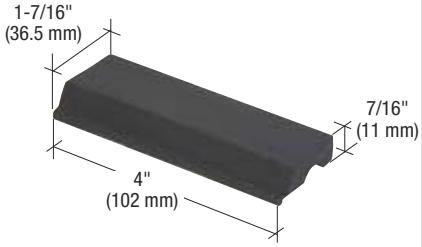
Edge Block



CAT. NO.	QTY/PKG
WB701	50

Minimum order: 1 pack.

Setting Blocks



CAT. NO.	QTY/PKG
SB710	100

Minimum order: 1 pack.

Steel Stiffeners

- For Vertical Mullions
- ASTM A-559
- 10 Gauge

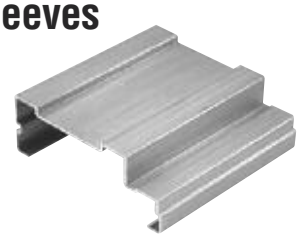


CAT. NO.	USED WITH	LENGTH
SS40116	TW441, TW501, and TW502	16' (4.9 m)
SS50116	TW541, TW701, and TW702	16' (4.9 m)
SS80116	TW841	16' (4.9 m)

Minimum order: 1 stock length. Must ship common carrier.

Splice Sleeves

- For Vertical Wall Jambs



CAT. NO.	USED WITH	QTY/PKG
SL506	TW416	5
SL706	TW516	5
SL834	TW816	5

Minimum order: 1 pack.

Splice Sleeve

- For Vertical Face Cap



CAT. NO.	USED WITH	QTY/PKG
SL712	TW912	5

Minimum order: 1 pack.

Splice Sleeve

- For Horizontal Face Cap



CAT. NO.	USED WITH	QTY/PKG
SL717	TW917	5

Minimum order: 1 pack.

Splice Sleeve

- For Vertical Corner Face Cap



CAT. NO.	USED WITH	QTY/PKG
SL618	TW818	5

Minimum order: 1 pack.

Water Deflector

- For Outside 90 Degree Corners

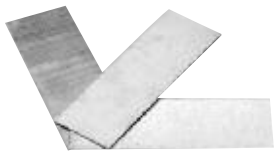


CAT. NO.	QTY/PKG
WD719	8

Minimum order: 1 pack.

Water Deflector

- For 135 Degree Corners



CAT. NO.	QTY/PKG
WD524	8

Minimum order: 1 pack.

Assembly Screw

- 1/4"-20 x 3/4" (19 mm) Hex Washer Head Screw
- For Attaching TW719 to TW420 or TW560



CAT. NO.	QTY/PKG
MS212	200

Minimum order: 1 pack.

Face Cap Retainer Clip

- For Horizontal and Vertical Face Caps



CAT. NO.	QTY/PKG
NC900	200

Minimum order: 1 pack.

Temporary Glass Retainer

- For Silicone Structural Glaze Applications



Patent No. D295, 952

CAT. NO.	QTY/PKG
RG700	50

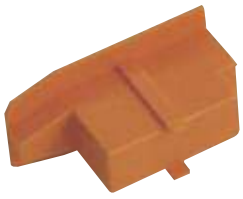
Minimum order: 1 pack.

CRL-U.S. Aluminum Series 4500 and 4500SG Curtain Wall Accessories

MORE CHOICES crlaurence.com

End Dam

- For Intermediate Horizontals
- Used With All Three Mullion Depths



CAT. NO.	QTY/PKG
WD710	50

Minimum order: 1 pack.

End Dam

- For Sills
- Used With All Three Mullion Depths



CAT. NO.	QTY/PKG
WD711	50

Minimum order: 1 pack.

Closure Plate

- For Wall Jambs
- Used With All Three Mullion Depths

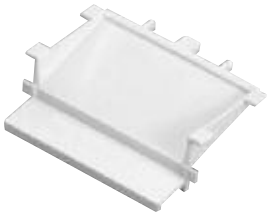


CAT. NO.	QTY/PKG
CP700	30

Minimum order: 1 pack.

Water Diverter

- For Structural Silicone Glazed Horizontals
- Used With All Three Mullion Depths

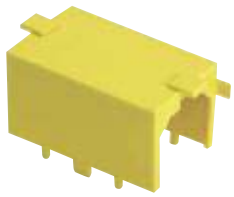


CAT. NO.	QTY/PKG
WD703	50

Minimum order: 1 pack.

Water Diverter

- For Structural Silicone Glazed Sills
- Used With All Three Mullion Depths

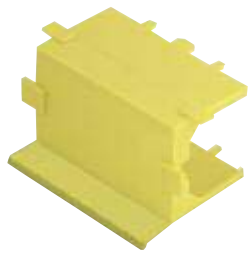


CAT. NO.	QTY/PKG
WD704	50

Minimum order: 1 pack.

Water Diverter

- For Structural Silicone Glazed Heads
- Used With All Three Mullion Depths



CAT. NO.	QTY/PKG
WD705	50

Minimum order: 1 pack.

Assembly Screw

- #10 x 1" (25 mm) Hex Washer Screw
- Use With Screw Spline Assemblies



CAT. NO.	QTY/PKG
ST251	200

Minimum order: 1 pack.

Assembly Screw

- #12 x 2" (51 mm) Phillips Pan Head Sheet Metal Screw
- Use With Shear Block Assemblies

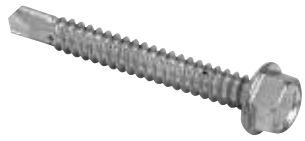


CAT. NO.	QTY/PKG
ST269	100

Minimum order: 1 pack.

Assembly Screw

- 1/4" x 2" Hex Washer Head Tek Screw
- For Attaching TW719 to TW823



CAT. NO.	QTY/PKG
ST217	200

Minimum order: 1 pack.

CRL Accufab Pro Storefront and Curtain Wall Tools

- **Accufab Pro Reduces Labor Time and Costs by 50% or More!**
- **Designed to Accurately and Quickly Locate Shear Block Connectors on U.S. Aluminum Storefront or Curtain Wall Verticals**
- **Three Sizes: 16', 24', and 32' (4.9, 7.3, and 9.8 m)**
- **Pneumatic Clamping System (Requires 75 PSI)**
- **U.S. Patent No. 8,176,610 B1**

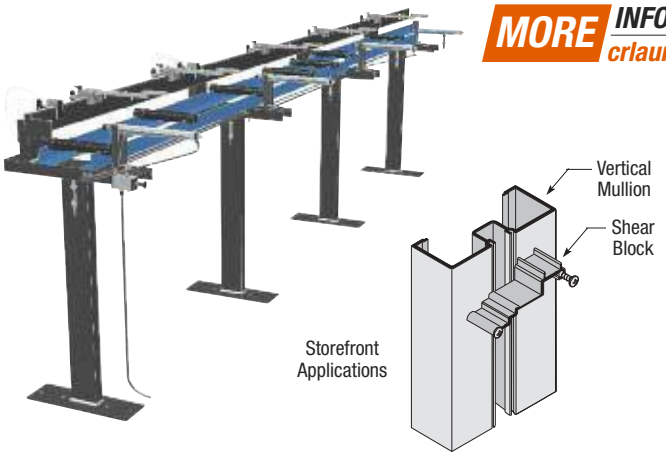
2013 PRODUCT OF THE YEAR USGlass MAGAZINE

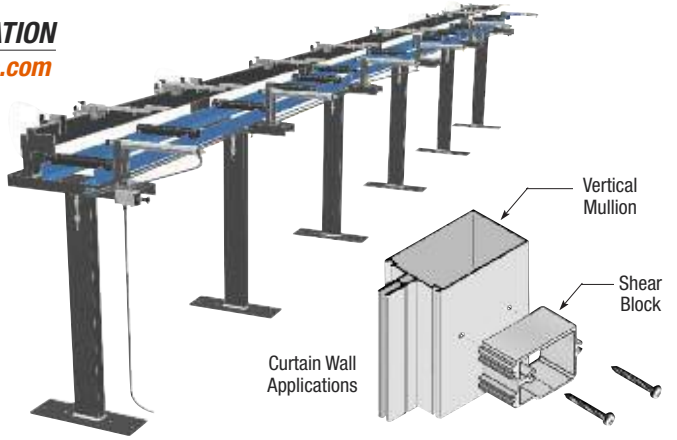
CRL US ALUMINUM MANUFACTURED IN THE USA

VIDEO

CRL Accufab Pro Curtain Wall and Storefront Tools are designed to accurately and quickly locate Shear Block Connectors on the vertical members of U.S. Aluminum Curtain Wall, Storefront, and Window Wall Systems. Fabrication time on installing horizontal Shear Blocks to vertical mullions is cut by 50 percent or more. In your shop or on the job site, the new Accufab Pro Tool will eliminate misdrilled fasteners, out-of-level horizontal members, and costly measurement mistakes. The Storefront Tool is supplied with five ACUFST0P Flipstops. The Shear Block Locators must be ordered separately. The Curtain Wall Tools are supplied with seven ACUFST0P Flipstops. The Shear Blocks Locators must be ordered separately. Additional Shear Block Locators to handle a variety of stock extrusion and Shear Block sizes can be easily changed out. The calibrated rear sliding bar allows quick setup and accurate repeatability. Setup and user instructions are included with every CRL Accufab Pro Tool. **NOTE:** Self-drilling screws must be used to fasten Shear Blocks to mullions when working with the Accufab Pro Tool. See **crlaurence.com** for specific self-drilling screws to use for each Shear Block. Setup and user instructions are included with every CRL Accufab Pro Tool.

For more information on these CRL Accufab Pro Storefront and Curtain Wall Tools, contact us toll free at (800) 262-5151 from anywhere in the United States and Canada. You can also contact us through email at **usalum@crlaurence.com**.

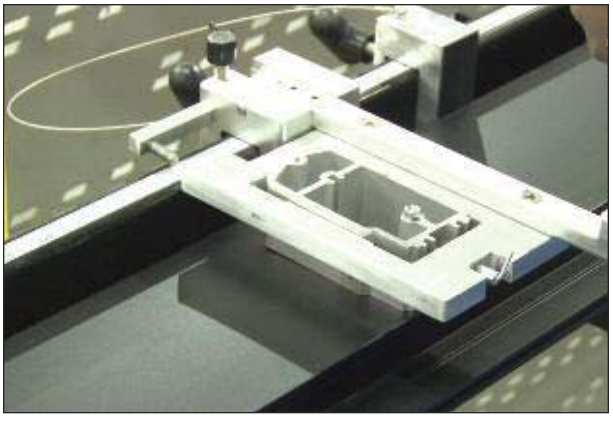




ACCUFAB PRO STOREFRONT TOOL

CAT. NO.	DESCRIPTION
ACU16	16' (4.9 m) Accufab Pro Storefront Tool
ACUFST0P	Additional Flipstop Assembly
ACUDVD	Accufab Pro Instructional DVD

Minimum order: 1 each.
NOTE: Must specify U.S. Aluminum Curtain Wall, Storefront, or Window Wall Series used at time order is placed.



Shear Block Locator shown with Shear Block, which are purchased separately

ACCUFAB PRO CURTAIN WALL TOOL

CAT. NO.	DESCRIPTION
ACU24	24' (7.3 m) Accufab Pro Curtain Wall Tool
ACU32	32' (9.8 m) Accufab Pro Curtain Wall Tool
ACUFST0P	Additional Flipstop Assembly
ACUDVD	Accufab Pro Instructional DVD

Minimum order: 1 each.
NOTE: Must specify U.S. Aluminum Curtain Wall, Storefront, or Window Wall Series used at time order is placed.

Shear Block Locators for different sizes of Shear Blocks are ordered separately. Locators are engineered to precisely position the Shear Blocks on the vertical members, and the use of improper locators may result in the incorrect positioning of the Shear Block, leaving your horizontal members with a less than desirable joining to the vertical members. For assistance in ordering Shear Block Locators, please consult with U.S. Aluminum Technical Sales.

SHEAR BLOCK LOCATORS

CAT. NO.	FITS SHEAR BLOCK	FOR USE WITH USAL SYSTEM
AP403SBL*	AP403	400/450 Storefront Horizontal/Sill Anchor
AP202SBL	AP202	2100/2200 with 2-7/8" (73 mm) Back Member
AP204SBL	AP204	2100/2200 with 4" (102 mm) Back Member
AP205SBL	AP205	2100/2200 with 5" (127 mm) Back Member
AP954HSBL	AP954	3150/3250 with 4" (102 mm) Back Member
AP955HSBLΔ	AP955	3150/3250 with 5" (127 mm) Back Member
AP928HSBL	AP928	3150/3250 with 8" (203 mm) Back Member

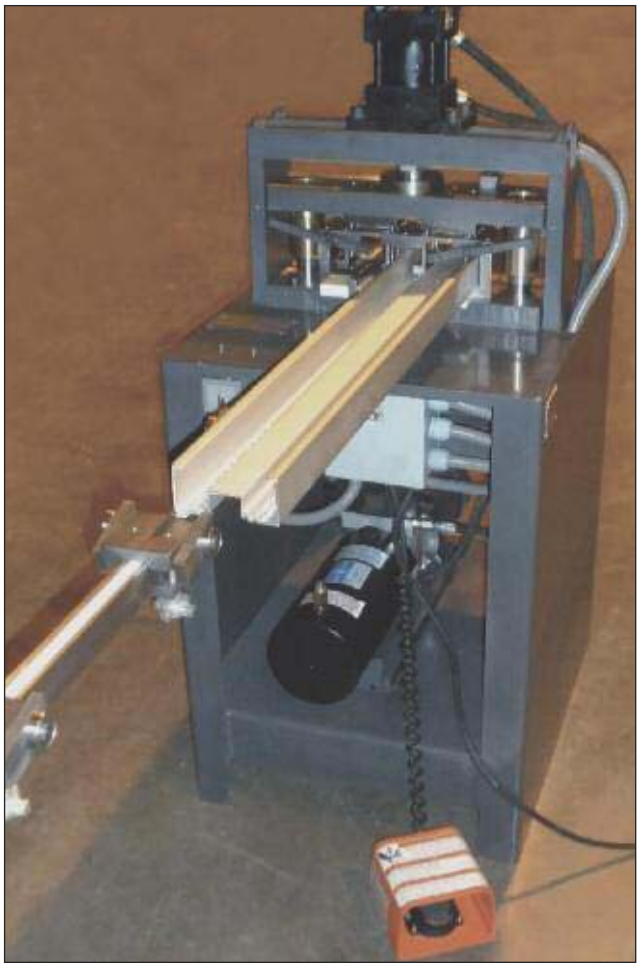
Minimum order: 1 each. *Standard with ACU16. ΔStandard with ACU24 and ACU32.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

CRL Hydrapunch™ Machine

- **Punches Four Holes at Once in Storefront or Curtain Wall Extrusions**
- **Reduces Shop Fabrication Time**
- **Hydraulic Operation - 110 Volts AC**



The CRL Hydrapunch™ Machine is a multi-head machine with pre-set dies for quickly and accurately punching holes in the open back vertical mullion/filler of our popular center glazed systems for 1/4" (6 mm) and 1" (25 mm) infills. Simply insert the vertical mullion/filler into the die set, align against the pre-set flip stop, push the pedal and the Hydrapunch™ Machine punches four holes at one time.

No need to measure and drill each hole in CRL/U.S. Aluminum framing systems. Get a perfect fit every time and eliminate the most common fabrication errors. Minimum order is one each. Must ship common carrier.

The Hydrapunch™ Machine comes with one Die Set which punches the following U.S. Aluminum Center Glazed Storefront Systems:

Series 400 - 1/4" Glazing
Series 450 - 1/4" Glazing
Series 451 - 1" Glazing
Series IT451 - 1" Glazing

Optional Die Sets for these popular U.S. Aluminum Systems are also available:

Flush Front Systems
Series 2200 Curtain Wall
Series 3150 Curtain Wall
Series 3250 Curtain Wall
Series 4500 Curtain Wall

MORE INFORMATION crlaurence.com

For additional information contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada. Ask for Extension 5305.

CAT. NO. HM00100

CRL Phillocraft® Pow-R-Pax® Production Table

MORE INFORMATION crlaurence.com

- **36" Wide by 96" Long Production Table**
- **Legs Adjust From 33" to 37" High**
- **Sturdy 12 Gauge Steel Frame**
- **Ships K.D.**



The Phillocraft® Pow-R-Pax® Production Table is infinitely expandable to meet your current or future needs. Begin with a 96" (2438 mm) starter and expand with 48" (1219 mm) add-ons as your needs grow. The frame is made of heavy 12 gauge "C"-channel steel. The table top is 1" (25 mm) thick hardboard over a high-density flake core. Invisible steel spline clamping bars connect the tops to form a smooth, continuous surface. Adjustable legs allow for the table height to vary from 33" to 37" (838 to 940 mm). The table has a load rating of 100 lbs. (45 kg) per square foot . Frame color is putty. Table ships K.D. and requires some assembly. For additional information contact the CRL Customer Service Department at (800) 421-6144.
Minimum order is one each. Must ship common carrier.

Phillocraft and Pow-R-Pax are registered trademarks of Manna Marketing & Development Group, Inc.

CAT. NO. WS3696

CRL Aluminum Extrusion Notching Saw

- Cuts Storefront Extrusion With Accuracy
- Portable and Lightweight for On-the-Job Use
- Adjustable Cutting Height and Length
- Includes One 5" (127 mm) Blade

MORE INFORMATION crlaurence.com



This is a new and improved model of our Aluminum Extrusion Notching Saw, which makes working with storefront metals safer and easier. The 115V AC 1/2 HP motor has a thermally protected circuit to avoid overheating. For safety, the momentary actuated switch doesn't let the machine operate without your hands being on it. All of the machine bearings are sealed and self-lubricating for low-maintenance operation. Heavy-duty machine table and legs support your work.

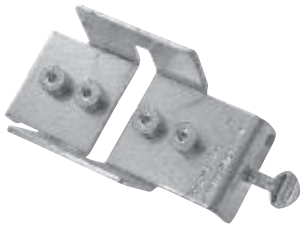
The NS450 is stronger and lighter than previous models, it weighs just 67 pounds (30 kg). Overall machine dimensions are 19"H by 18"W by 20"D (483 x 457 x 508 mm). Must ship common carrier or pick up at our Service Centers. For Replacement Blades order Cat. No. 412. Minimum order is one each.



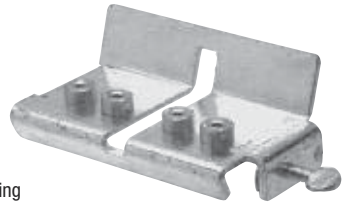
CAT. NO. 412
Saw Blade
5" x 1/8" x 1" Arbor
(127 x 3.2 x 25 mm)

CAT. NO. NS450
Notching Saw

CRL Universal Drill Jigs



CAT. NO. 40J
Single Jig for Vertical Tubing

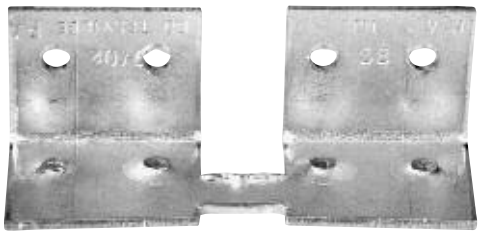


CAT. NO. 45J
Single Jig for Horizontal Tubing

- Available for Either Vertical or Horizontal Storefront Tube Applications

These heavy-gauge steel Drill Jigs are designed to quickly and accurately position the mounting holes on 4" (102 mm) storefront tubes for mounting Cat. No. BPF4 Storefront Brackets. **NOTE:** These Jigs will not work with Vistawall®, YKK®, or Kawneer® Brand Tubes. Minimum order is one each.

CRL Storefront Brackets



- Fits Plain or Fin Tube
- Can Be Used on 4", 4-1/2", and 5" (102, 114, and 127 mm) Tubes

CRL Storefront Brackets are made from heavy, 12-gauge cadmium plated steel. These Brackets are punched and dimpled where necessary. The dimpled holes have been tapped for #10-24 screws. Minimum order is one each.

CAT. NO. BPF4

CRL Steel Reinforcement Backing Plates

- Used to Mount Door Hinges to Storefront Tubes
- Non-Handed, Can Be Used for Both Door and Frame Reinforcement

CRL Reinforcement Backing Plates are made from heavy-gauge plated steel. They are non-handed, and tapped for standard #12-24 machine screws to mount the plate to the frame or door.

CAT. NO.	APPLICATION	LENGTH
MHT4	For Standard Weight 4-1/2" (114 mm) Butt Hinges	8" (203 mm)
MHA4	For Heavy Weight 4-1/2" (114 mm) Butt Hinges	8" (203 mm)
BP18800	For Heavy Weight 4-1/2" (114 mm) Butt Hinges	8" (203 mm)
2302710	For Standard Weight 5" (127 mm) Butt Hinges	8-1/2" (216 mm)
2302711	For Standard Intermediate Pivots	9" (229 mm)

Minimum order: 1 each. All Backing Plates can be combined for quantity pricing.



CAT. NO. MHT4



CAT. NO. MHA4



CAT. NO. BP18800



CAT. NO. 2302710



CAT. NO. 2302711

Vistawall is a registered trademark of Oldcastle Building Envelope, Inc.
YKK is a registered trademark of YKK Corporation Japan.
Kawneer is a registered trademark of Kawneer Company, Inc.

CRL-U.S. Aluminum Commercial Windows

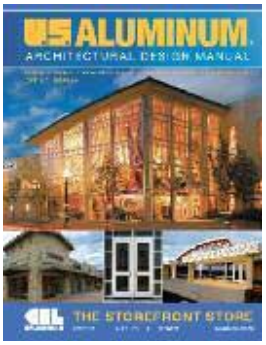
- Projected Windows
- Fixed Windows
- Casement Windows
- Horizontal Sliding Windows
- Single Hung Windows

CRL-U.S. Aluminum Windows are offered in a number of configurations to meet typical and specialized building conditions. Fixed and operable versions can be retrofit into existing openings or incorporated into window wall systems for new construction. Projected and casement type windows feature quality operating hardware for years of trouble-free service. Locking hardware options assure security, and integrated weatherstripping provides an airtight seal when closed. An array of architectural coatings and anodized finishes can be selected to provide windows that will complement the structure's aesthetic appeal. Accessories such as screens, mulling bars, subsills, head and jamb channels are available to complete the installation.

For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.







MORE INFORMATION
crlaurence.com

Complete specifications, detailed assembly drawings, windload and deadload charts can be found in our USAL14 U.S. Aluminum Architectural Design Manual, available for viewing, download or order from the Catalog Library at **crlaurence.com/catalogs**.



CRL-U.S. Aluminum Commercial Windows

Series 7200 Windows

- Custom Sized to Job Specifications
- 2" (51 mm) Depth
- AAMA Glass CW-PG 75 Rated
- In Accordance with AAMA/WDMA/CSA101/I.S.2/A440-11
- Available in Fixed, Projected, Inswing and Outswing, and Dual Vertical Stacked Configurations
- Polyurethane Thermal Break
- Reinforced Corner Construction

MORE CHOICES
crlaurence.com



The Series 7200 Windows are dry glazed with architectural tape at the outside and E.P.D.M. elastomeric wedge on the inside. Vent construction is accomplished with tubular members, mitered and reinforced with an extruded aluminum corner key, and hydraulically crimped. Operating hardware options include 90 degree egress 4-bar hinges, 5 or 3 knuckle butt hinges, roto operators, friction adjusters, and stop limit arms. Locking hardware options include cam locking handles, 2-point locking handles and security locks. For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

Series 7300 Windows

- Custom Sized to Job Specifications
- 2" (51 mm) Depth
- AAMA Glass CW-PG 75 Rated
- In Accordance with AAMA/WDMA/CSA101/I.S.2/A440-11
- Available in Fixed, Projected, Inswing and Outswing, and Dual Vertical Stacked Configurations
- Polyurethane Thermal Break
- Reinforced Corner Construction

MORE INFORMATION
crlaurence.com



The Series 7300 Windows are dry glazed with architectural tape at the outside and E.P.D.M. elastomeric wedge on the inside. Vent construction is accomplished with tubular members, mitered and reinforced with an extruded aluminum corner key, and hydraulically crimped. Operating hardware options include 90 degree egress 4-bar hinges, 5 or 3 knuckle butt hinges, roto operators, friction adjusters, and stop limit arms. Locking hardware options include cam locking handles, 2-point locking handles and security locks. For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

CRL-U.S. Aluminum Commercial Windows

Series 7400 Windows

- Custom Sized to Job Specifications
- 2-1/4" (57 mm) Depth
- AMAA Glass AW-PG 75
- Projected, Fixed, Casement and Dual Vertical Stacked
- Multitude of Hardware Options
- Reinforced Corner Construction
- Flush Sash With Frame Design
- 90 Degree Corners, Compensation Channels, Starter Sills, and Sill Flashing

MORE INFORMATION
crlaurence.com



The Series 7400 is a 2-1/4" (57 mm) Operable Window tested to be in accordance with or exceed AAMA/WDMA/CSA101/I.S.2/A440-11 requirements. The 7400 Window is constructed using extruded tubular members mitered and crimped with corner keys. These windows are offered in projected, casement, and fixed configurations. Series 7400 also features the Insulabar® by Ensinger Inc. Thermal Break design to provide maximum thermal properties. For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

Series 7600 Windows

- Custom Sized to Job Specifications
- 3" (76 mm) Depth Concealed Vent Windows
- 1" (25 mm) Glazing
- AMAA Glass CW-PG 100
- In Accordance With: AAMA/WDMA/CSA101/1.S.2/A440-11
- Minimal Sightline
- Structural Silicone Glazed
- Reinforced Corner Construction
- Use With Storefront or Curtain Wall
- Thermally Broken
- U-Factor 0.56 to 0.34
- Multi-Point Hardware Locking Handles



The Series 7600 Concealed Vent is a minimal sight line window perfect for use in Storefront, Ribbon Window and Curtain Wall openings. Standard hardware includes a single Multi-Point Locking Handle. As with all of our operable windows, vent construction starts with tubular vent components that are mitered, reinforced with corner keys, and crimped at all corners. When closed, the vent is sealed to the frame with bulb gaskets ensuring an air tight seal. For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

CRL-U.S. Aluminum Commercial Windows

- Tested to AAMA Class CW-PG60
- Thermally Insulated-NFRC Certified
- U-Factors as Low as 0.34
- Choice of Block or Fin Frame
- 1" (25 mm) Glazing

MORE INFORMATION
crlaurence.com

MORE CHOICES
crlaurence.com

Series 8000 Single Hung Windows

- Custom Sized to Job Specifications
- Screens, Mulling Bars, Subsills, Head and Jamb Channels are Available
- Frame Depth 4-1/2" (114 mm)



The 8000 Single Hung Window uses a Class 5 Balance for smooth operation. The 4-1/2" (114 mm) deep frame is designed to match typical building conditions, including our entrances and storefront. An efficient thermally insulated frame accepts 1" (25 mm) glazing, with extruded pulls at the interlock and bottom rail. The window features a self-locking latch. Available in an array of architectural coatings and anodized finishes. For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

Series 8100 Fixed Windows

- Custom Sized to Job Specifications
- Mulling Bars, Subsills, Head and Jamb Channels are Available
- Frame Depth 4-1/2" (114 mm)



The 8100 Fixed Window has a 4-1/2" (114 mm) deep frame designed to match typical building conditions, including our entrances and storefronts. An efficient thermally insulated frame accepts 1" (25 mm). Available in an array of architectural coatings and anodized finishes. For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

Series 8200 Horizontal Sliding Windows

- Custom Sized to Job Specifications
- Dry Glazed
- Self Locking Latch and Tandem Adjustable Rollers for Ease of Operation
- Screens, Mulling Bars, Subsills, Head and Jamb Channels are Available
- Frame Depth 4-1/2" (114 mm)



The 8200 Horizontal Sliding Window offers that rare combination of smooth operation, durability, and toughness. It has a 4-1/2" (114 mm) deep frame designed to match typical building conditions, including our entrances and storefronts. An efficient thermally insulated frame accepts 1" (25 mm) glazing. Available in an array of architectural coatings and anodized finishes. For additional information, contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International.

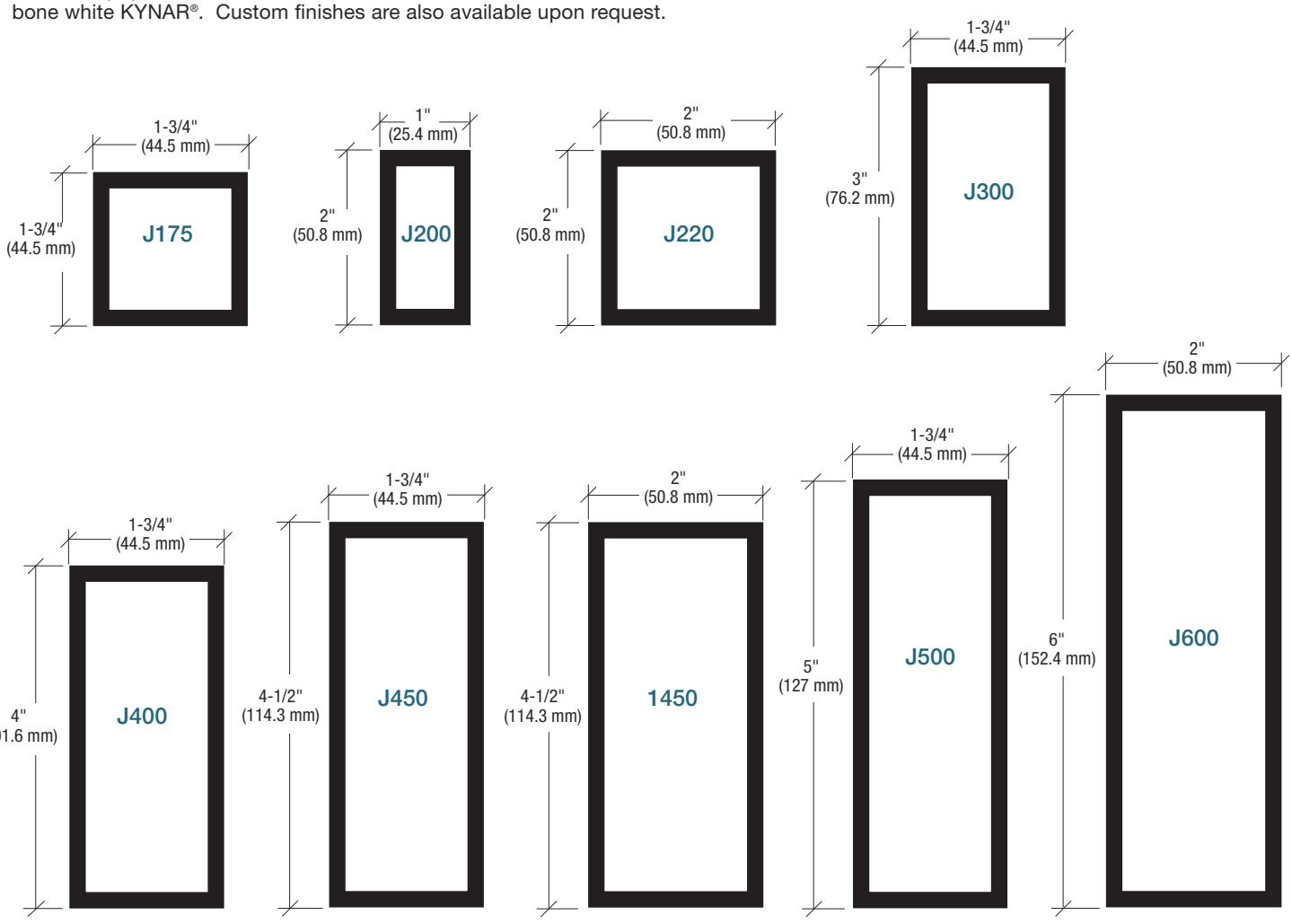
CRL-U.S. Aluminum Hollow Tube Extrusions

- **Multiple Use Extrusions Available in Nine Sizes and Four Finishes**
- **Heavy Wall Tube is Strong Enough for Structural Work**

MORE INFORMATION crlaurence.com



These multi-purpose CRL Hollow Tube Extrusions can be used for mullions, stiffeners, and for custom fabrications. Each length comes individually wrapped for protection during shipping. They are available in our four most popular finishes: clear anodized, dark bronze, black anodized, and bone white KYNAR®. Custom finishes are also available upon request.



CLEAR ANODIZED CAT. NO.	DARK BRONZE CAT. NO.	BLACK ANODIZED CAT. NO.	BONE WHITE KYNAR® CAT. NO.	SIZE (W X H)	LENGTH
J17511	J17522	J17533	J17552	1-3/4" x 1-3/4" (44.5 x 44.5 mm)	21'-2" (6.4 m)
J20011	J20022	J20033	J20052	1" x 2" (25.4 x 50.8 mm)	21'-2" (6.4 m)
J22011	J22022	J22033	J22052	2" x 2" (50.8 x 50.8 mm)	21'-2" (6.4 m)
J30011	J30022	J30033	J30052	1-3/4" x 3" (44.5 x 76.2 mm)	21'-2" (6.4 m)
J40011	J40022	J40033	J40052	1-3/4" x 4" (44.5 x 101.6 mm)	24'-2" (7.3 m)
J45011	J45022	J45033	J45052	1-3/4" x 4-1/2" (44.5 x 114.3 mm)	24'-2" (7.3 m)
145011	145022	145033	145052	2" x 4-1/2" (50.8 x 114.3 mm)	24'-2" (7.3 m)
J50011	J50022	J50033	J50052	1-3/4" x 5" (44.5 x 127 mm)	24'-2" (7.3 m)
J60011	J60022	J60033	J60052	2" x 6" (50.8 x 152.4 mm)	24'-2" (7.3 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. Must ship common carrier.

KYNAR® is a registered trademark of Autofina Chemicals, Inc.

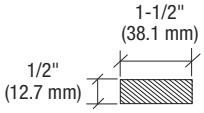
CRL-U.S. Aluminum Flat Bars, L-Bars, and Sill Cover Extrusions



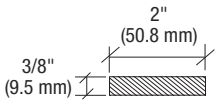
• Multiple Use Extrusions Available in Several Sizes and Two Finishes

These CRL Flat Bars, L-Bars, and Sill Cover Extrusions can be used in multiple applications. End closers, corner caps, drywall cover, jamb molding, or for custom fabrication. Our Bar Extrusions can be used for chair rails, door bumper bars, or for custom extrusions. They are available in clear anodized and dark bronze anodized finishes. Customer finishes are also available upon request.

ALUMINUM FLAT BAR EXTRUSIONS



B150



B237

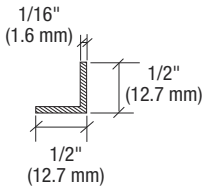
MORE FINISHES crlaurence.com

BAR EXTRUSIONS

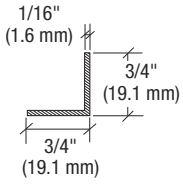
CLEAR ANODIZED CAT. NO.	DARK BRONZE CAT. NO.	SIZE (W X H)	LENGTH
B15011	B15022	1-1/2" x 1/2" (38.1 x 12.7 mm)	21'-2" (6.4 m)
B23711	B23722	2" x 3/8" (50.8 x 9.5 mm)	21'-2" (6.4 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. Must ship common carrier.

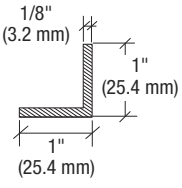
ALUMINUM L-BAR EXTRUSIONS



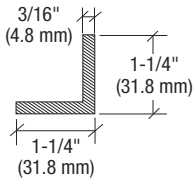
A050



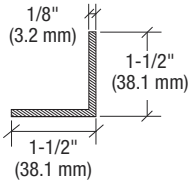
AL075



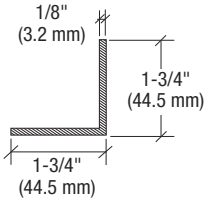
A100



A125



A150



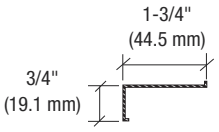
A175

L-BAR EXTRUSIONS

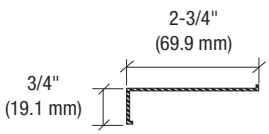
CLEAR ANODIZED CAT. NO.	DARK BRONZE CAT. NO.	SIZE (W X H X T)	LENGTH
A05011	A05022	1/2" x 1/2" x 1/16" (12.7 x 12.7 x 1.6 mm)	21'-2" (6.4 m)
AL07511	AL07522	3/4" x 3/4" x 1/16" (19.1 x 19.1 x 1.6 mm)	21'-2" (6.4 m)
A10011	A10022	1" x 1" x 1/8" (25.4 x 25.4 x 3.2 mm)	21'-2" (6.4 m)
A12511	A12522	1-1/4" x 1-1/4" x 3/16" (31.8 x 31.8 x 4.8 mm)	21'-2" (6.4 m)
A15011	A15022	1-1/2" x 1-1/2" x 1/8" (38.1 x 38.1 x 3.2 mm)	21'-2" (6.4 m)
A17511	A17522	1-3/4" x 1-3/4" x 1/8" (44.5 x 44.5 x 3.2 mm)	21'-2" (6.4 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. Must ship common carrier.

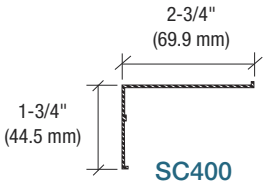
ALUMINUM SILL COVER AND JAMB MOLDING EXTRUSIONS



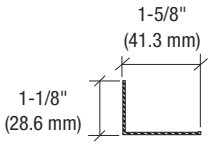
SC100



SC200



SC400



SJ300

SILL COVERS AND JAMB MOLDINGS

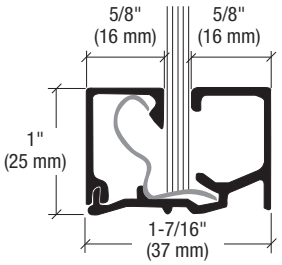
CLEAR ANODIZED CAT. NO.	DARK BRONZE CAT. NO.	SIZE (W X H)	LENGTH
SC10011	SC10022	1-3/4" x 3/4" (44.5 x 19.1 mm)	21'-2" (6.4 m)
SC20011	SC20022	2-3/4" x 3/4" (69.9 x 19.1 mm)	21'-2" (6.4 m)
SC40011	SC40022	2-3/4" x 1-3/4" (69.9 x 44.5 mm)	21'-2" (6.4 m)
SJ30011	SJ30022	1-5/8" x 1-1/8" (41.3 x 28.6 mm)	21'-2" (6.4 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing. Must ship common carrier.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL Snap-In Sash With Clips

- Supplied With 20 Spring Clips Per Length
- Available in Clear Anodized and Dark Bronze Finishes
- For 1/4" (6 mm) Glass



Two-Piece Snap-In Sash



CAT. NO. S010CL1P
Spring Clip

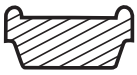
CAT. NO.	SIZE (W X H)	FINISH	LENGTH
S01011	1-1/2" x 1-1/16" (38 x 27 mm)	Clear Anodized	24' (7.3 m)
S01022	1-1/2" x 1-1/16" (38 x 27 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.

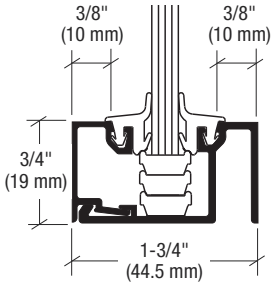
CRL Transom Sash

- For 1/4" (6 mm) or 3/8" (10 mm) Glazing
- Gaskets Sold Separately

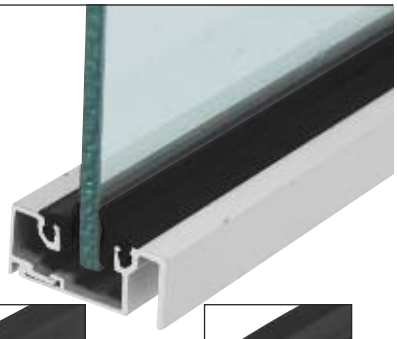
MORE FINISHES
crlaurence.com



CAT. NO. SB045
Setting Blocks sold separately
Minimum order: 10 each



Two-Piece Transom Sash





CAT. NO. NP238
Gasket for 3/8" (10 mm) glazing;
500 Feet (152 m) per roll.



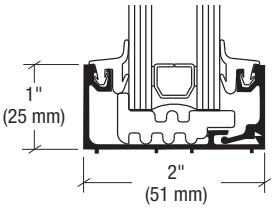
CAT. NO. NP225
Gasket for 1/4" (6 mm) glazing;
500 Feet (152 m) per roll.

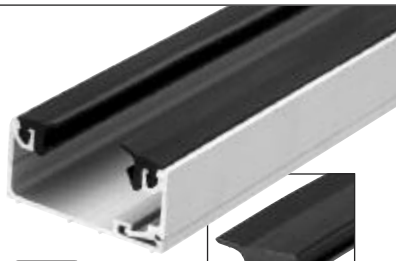
CAT. NO.	SIZE (W X H)	FINISH	LENGTH
TM12411	1-3/4" x 3/4" (44.5 x 19 mm)	Clear Anodized	21' (6.4 m)
TM12422	1-3/4" x 3/4" (44.5 x 19 mm)	Dark Bronze	21' (6.4 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.

CRL Horizontal Transom Sash

- Supplied in 24 Foot Stock Lengths
- Available in Clear Anodized and Dark Bronze Finishes for 1" (25 mm) Glazing
- Supplied With Gasket







CAT. NO. SB280
Setting Blocks sold separately
Minimum order: 10 each



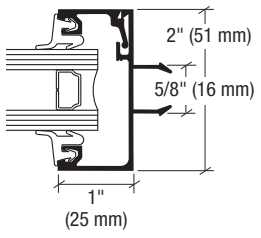
CAT. NO. NP225
Gasket for 1" (25 mm) glazing;
500 Feet (152 m) per roll.

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
TM42511	2" x 1" (51 x 25 mm)	Clear Anodized	24' (7.3 m)
TM42522	2" x 1" (51 x 25 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.

CRL Vertical Transom Sash

- Supplied in 24 Foot Stock Lengths
- Available in Clear Anodized and Dark Bronze Finishes for 1" (25 mm) Glazing
- Supplied With Gasket





MORE INFORMATION
crlaurence.com

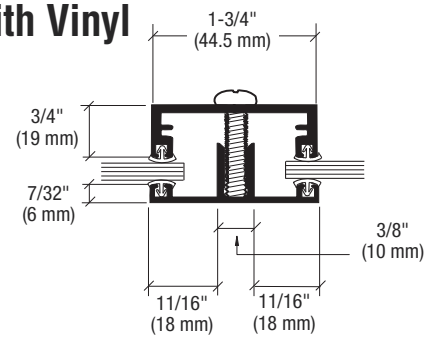
CAT. NO. NP225
Gasket for 1" (25 mm) glazing;
500 Feet (152 m) per roll.

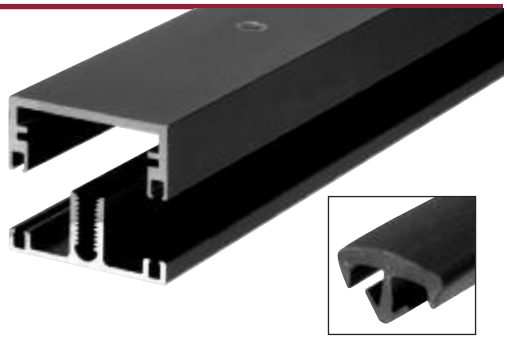
CAT. NO.	SIZE (W X H)	FINISH	LENGTH
TM42711	2" x 1" (51 x 25 mm)	Clear Anodized	24' (7.3 m)
TM42722	2" x 1" (51 x 25 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.

CRL Shallow Division Bar With Vinyl

- Available in Clear Anodized and Dark Bronze Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center





CAT. NO. VS100
Glazing Vinyl

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
DB27511	1-3/4" x 1-1/4" (44.5 x 32 mm)	Clear Anodized	24' (7.3 m)
DB27522	1-3/4" x 1-1/4" (44.5 x 32 mm)	Dark Bronze	24' (7.3 m)

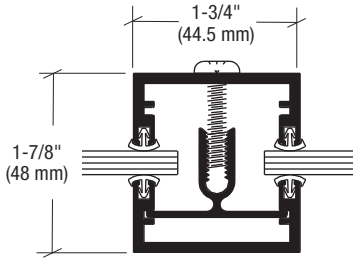
Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.

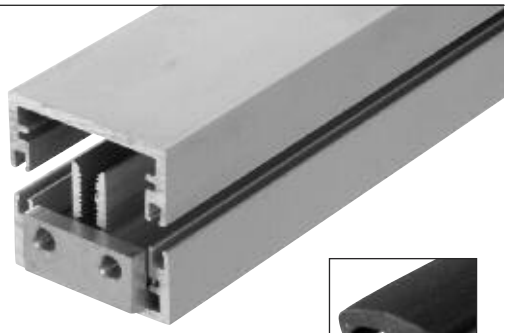
MORE INFORMATION
crlaurence.com

CRL Shallow Division Bar With Vinyl

- Available in Clear Anodized and Dark Bronze Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center

MORE FINISHES
crlaurence.com



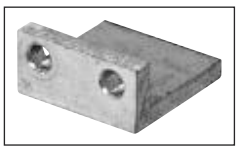




CAT. NO. VS100
Glazing Vinyl

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
DB27411	1-3/4" x 1-7/8" (44.5 x 48 mm)	Clear Anodized	24' (7.3 m)
DB27422	1-3/4" x 1-7/8" (44.5 x 48 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.

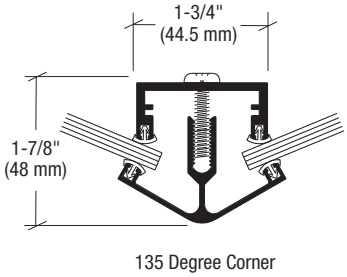


CAT. NO. AP128

Division Bar Anchors are used to secure the Division Bar to the opening. Comes with two pre-drilled 1/4" (6.3 mm) holes. Sold separately in packages of 20.

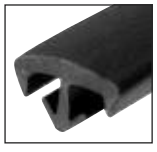
CRL 135 Degree Corner Division Bar With Vinyl

- Available in Clear Anodized and Dark Bronze Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center



135 Degree Corner

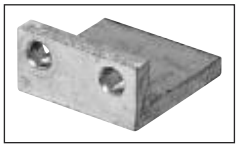




CAT. NO. VS100
Glazing Vinyl

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
CB13511	1-3/4" x 1-7/8" (44.5 x 48 mm)	Clear Anodized	24' (7.3 m)
CB13522	1-3/4" x 1-7/8" (44.5 x 48 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.



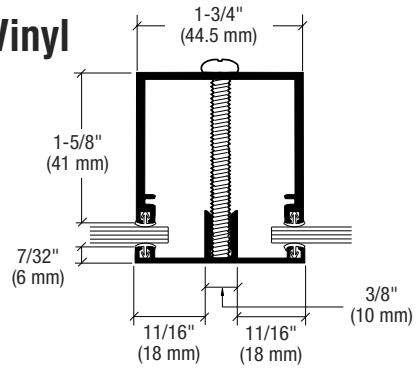
CAT. NO. AP128

Division Bar Anchors are used to secure the Division Bar to the opening. Comes with two pre-drilled 1/4" (6.3 mm) holes. Sold separately in packages of 20.

CRL Deep Division Bar With Vinyl

- Available in Clear Anodized and Dark Bronze Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center

MORE INFORMATION crlaurence.com







CAT. NO. VS100
Glazing Vinyl

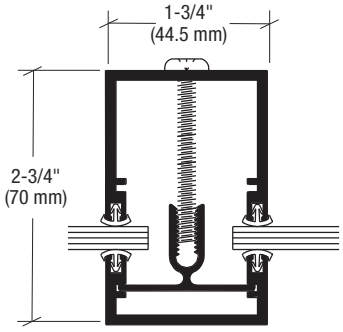
CAT. NO.	SIZE (W X H)	FINISH	LENGTH
DB47511	1-3/4" x 2-3/16" (44.5 x 56 mm)	Clear Anodized	24' (7.3 m)
DB47522	1-3/4" x 2-3/16" (44.5 x 56 mm)	Dark Bronze	24' (7.3 m)

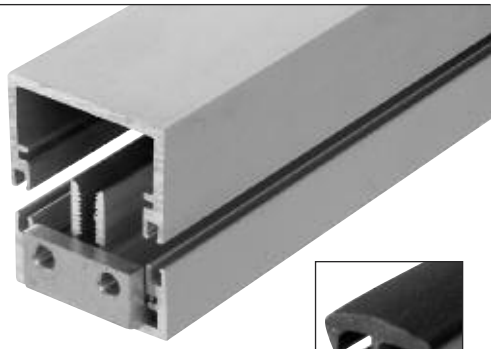
Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.

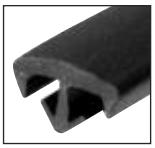
CRL Deep Division Bar With Vinyl

- Available in Clear Anodized and Dark Bronze Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center

MORE FINISHES crlaurence.com



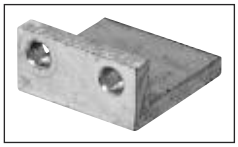




CAT. NO. VS100
Glazing Vinyl

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
DB47411	1-3/4" x 2-3/4" (44.5 x 70 mm)	Clear Anodized	24' (7.3 m)
DB47422	1-3/4" x 2-3/4" (44.5 x 70 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.

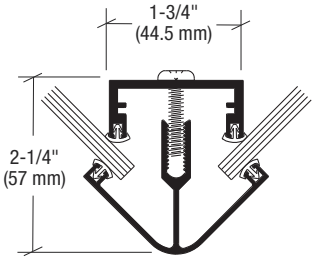


CAT. NO. AP128

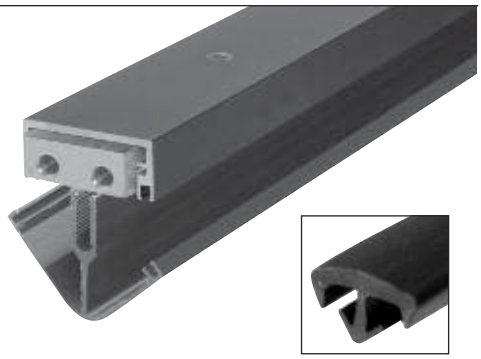
Division Bar Anchors are used to secure the Division Bar to the opening. Comes with two pre-drilled 1/4" (6.3 mm) holes. Sold separately in packages of 20.

CRL 90 Degree Corner Division Bar With Vinyl

- Available in Clear Anodized and Dark Bronze Finishes
- Supplied With Vinyl and Screws
- Back Bar is Punched 12" (305 mm) on Center



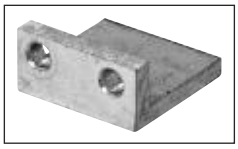
90 Degree Corner



CAT. NO. VS100
Glazing Vinyl

CAT. NO.	SIZE (W X H)	FINISH	LENGTH
CB09011	1-3/4" x 2-1/4" (44.5 x 57 mm)	Clear Anodized	24' (7.3 m)
CB09022	1-3/4" x 2-1/4" (44.5 x 57 mm)	Dark Bronze	24' (7.3 m)

Minimum order: 1 stock length. All CRL-U.S. Aluminum Extrusions can be combined for quantity pricing.
Must ship common carrier.



CAT. NO. AP128

Division Bar Anchors are used to secure the Division Bar to the opening. Comes with two pre-drilled 1/4" (6.3 mm) holes. Sold separately in packages of 20.

487 Series OfficeFront™ Partitions

NEW!

- Center or Offset Glazed, and Designed to Wrap 4-7/8" (124 mm) Walls
- Accepts 1/4", 3/8", 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing
- Screw Spline or Clip Joinery Available
- 1", 1-1/2", and 2" (25, 38, and 51 mm) Face Trim
- Glass, Aluminum, or Wood Doors Available
- Integrated Sliding Aluminum, Wood, or Glass Doors Available
- Several Stock Finishes Available, With Custom Finishes on Request
- "Positive Pressure" Rated Frames Available for Use With Labeled Wood Doors
- Stock Lengths Available for On Site Fixed Panel Fabrication
- Fully Fabricated Frames Available for Fast and Easy Installation
- All Door Frames Factory Fabricated
- Contributes to LEED® Certification Ratings





U.S. ALUMINUM™ INTERIOR PRODUCTS

ARCH. SPEC. ONLINE

Our 487 Series OfficeFront™ Partition Frames for sidelites, doors, clerestory lites, borrowed lites, or continuous glass walls are a great way to divide interior office space and provide acoustical privacy, all while allowing desirable light to enter the indoor spaces and qualify for LEED® (Leadership in Energy and Environment Design) Green Building Rating System™ credit.

CRL-U.S. Aluminum offers a growing variety of OfficeFront™ Partitions and hardware to make state-of-the-art interior office systems available to the glazing industry.

Our commitment to our customers is to carry sufficient inventories of popular stock items, and provide short lead times for special orders. It is a total program that will allow your entry into the Interior Office Front Systems market.

For additional information, visit us online at **crlaurence.com/office-partitions** or contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also email us at **crlaurence.com/support**.

NOTE: CRL Glass Wall Systems may be depreciated as personal property, includible as a Section 179 expense and utilized for bonus depreciation, where applicable. Ask your tax advisor for help in determining whether you qualify.

OFFICE PARTITIONS online by CRL

See Pages XXXVIII to XXXIX in Section 5 for Our NEW Dry Glazed Office Partition Systems

LEED is a registered trademark of U.S. Green Building Council.

TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL US ALUMINUM

487 Series OfficeFront™ Partitions

487 Series 1-1/2" (38 mm) Trim Center Glazed

NEW!

- Center Glazed - Accepts 1/4", 3/8", 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing
- "Pressure Rated" Frames Available for Use With Labeled Wood Doors
- All Door Frames Factory Fabricated
- Standard Size Door Frames In Stock
- Stock Lengths Available for On Site Fixed Panel Fabrication
- Screw Spline or Clip Joinery

CRL US ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



U.S. ALUMINUM™ INTERIORPRODUCTS

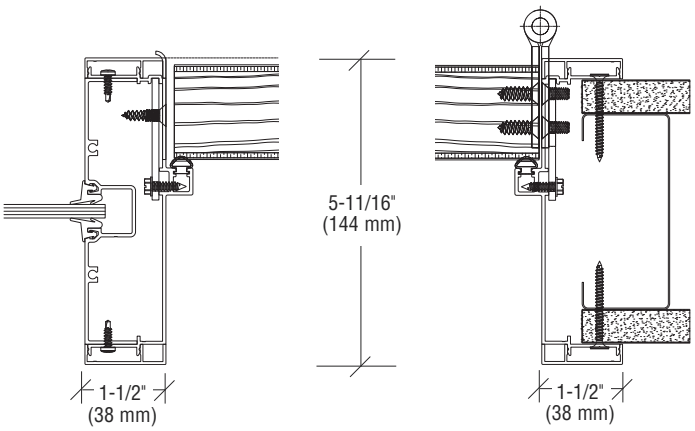
ARCH. SPEC. ONLINE

See Pages XXXVIII to XXXIX in Section 5 for Our **NEW** Dry Glazed Office Partition Systems

MORE INFORMATION crlaurence.com

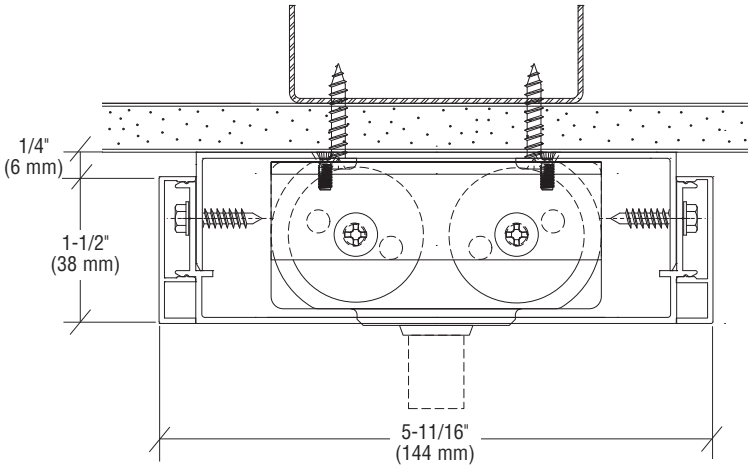
The 487 Series 1-1/2" (38 mm) Trim Center Glazed System offers a clean look with even sight lines and no reveals with a 1-1/2" x 5-11/16" (38 x 144 mm) frame that accepts a variety of glass thicknesses for center glazed applications. Throat size is designed fit over 4-7/8" (124 mm) thick walls, but can easily be converted for surface mount applications. Standard frames are prepped for 4-1/2" x 4-1/2" (114 x 114 mm) butt hinges. This system can also be prepared for use with overhead concealed closers when center pivoting doors are required.

For additional information, visit us online at **crlaurence.com/office-partitions** or contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International.
You can also email us at **crlaurence.com/support**.

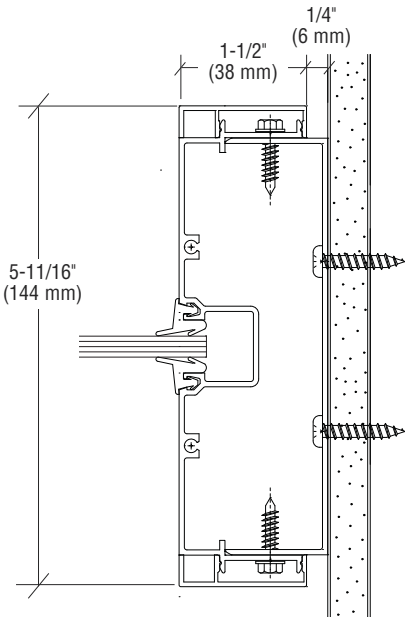


Typical Strike Jamb with Sidelite

Typical Hinge Jamb



Optional Overhead Concealed Closer Header



Optional Surface Mount Sidelite Jamb

487 Series OfficeFront™ Partition Door Frame Kits

NEW!

- Complete Framing Kits for Single or Double Doors
- Stocked in Clear and Dark Bronze Anodized Finishes
- Six Standard Size Configurations Available
- Custom Sizes Available on Special Order
- Non-Fire Rated

MORE INFORMATION
crlaurence.com

U.S. ALUMINUM™ INTERIOR PRODUCTS

CRL-U.S. Aluminum stocks a variety of 487 OfficeFront™ Partition Door Frame Kits in clear and dark bronze anodized finishes. The Kits can be used alone or combined with stock length extrusions to create larger openings with sidelites. Available for single or double door applications in a variety of widths and heights. All Door Frame Kits are prepped for 4-1/2" x 4-1/2" (114 x 114 mm) butt hinges. Frames up to 84" (2134 mm) tall are prepped for three hinges, and Frames over 84" (2134 mm) tall are prepped for four hinges. All Door Frame Kits also include standard CRL Lock Strike prep. Custom Door Frame Kits are available on special order.
NOTE: All doors and hardware must be ordered separately.



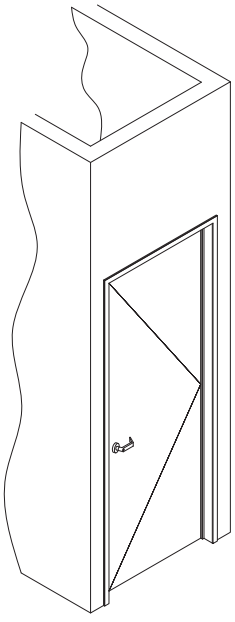
Handing of doors is determined from the "PUSH" side. A single door with hinges on the left from the PUSH side is a Left Hand (LH) Door. A single door with hinges on the right from the PUSH side is a Right Hand (RH) Door. Paired doors always consist of one LH and one RH Door.

OFFICE PARTITIONS online by CRL

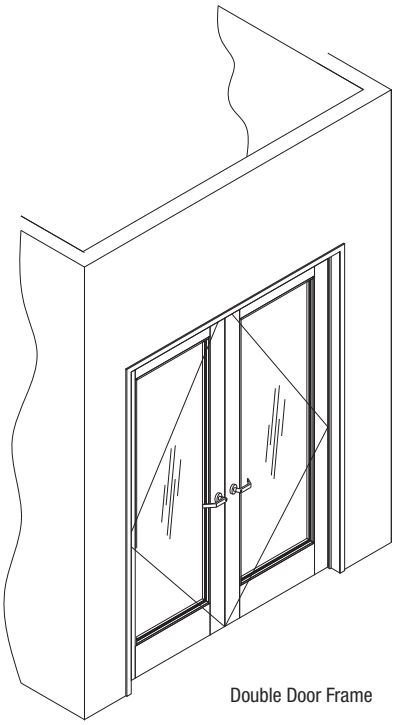
UP AND OVER – SINGLE DOOR FRAME

CAT. NO.	HANDING	DOOR OPENING	FINISH
487F3711L	LH	3'0 x 7'0 (914 x 2134 mm)	Clear Anodized
487F3711R	RH	3'0 x 7'0 (914 x 2134 mm)	Clear Anodized
487F3722L	LH	3'0 x 7'0 (914 x 2134 mm)	Dark Bronze Anodized
487F3722R	RH	3'0 x 7'0 (914 x 2134 mm)	Dark Bronze Anodized
487F3811L	LH	3'0 x 8'0 (914 x 2438 mm)	Clear Anodized
487F3811R	RH	3'0 x 8'0 (914 x 2438 mm)	Clear Anodized
487F3822L	LH	3'0 x 8'0 (914 x 2438 mm)	Dark Bronze Anodized
487F3822R	RH	3'0 x 8'0 (914 x 2438 mm)	Dark Bronze Anodized
487F3911L	LH	3'0 x 9'0 (914 x 2743 mm)	Clear Anodized
487F3911R	RH	3'0 x 9'0 (914 x 2743 mm)	Clear Anodized
487F3922L	LH	3'0 x 9'0 (914 x 2743 mm)	Dark Bronze Anodized
487F3922R	RH	3'0 x 9'0 (914 x 2743 mm)	Dark Bronze Anodized

Minimum order: 1 each. **NOTE:** Doors and hardware must be ordered separately.



Single Door Frame



Double Door Frame

UP AND OVER – DOUBLE DOOR FRAME

CAT. NO.	DOOR OPENING	FINISH
487F6711	6'0 x 7'0 (1829 x 2134 mm)	Clear Anodized
487F6722	6'0 x 7'0 (1829 x 2134 mm)	Dark Bronze Anodized
487F6811	6'0 x 8'0 (1829 x 2438 mm)	Clear Anodized
487F6822	6'0 x 8'0 (1829 x 2438 mm)	Dark Bronze Anodized
487F6911	6'0 x 9'0 (1829 x 2743 mm)	Clear Anodized
487F6922	6'0 x 9'0 (1829 x 2743 mm)	Dark Bronze Anodized

Minimum order: 1 each. **NOTE:** Doors and hardware must be ordered separately.

See Pages XXXVIII to XXXIX in Section 5 for Our **NEW** Dry Glazed Office Partition Systems

487 Series OfficeFront™ Partition "Positive Pressure" Rated Frames

U.S. ALUMINUM™ INTERIOR PRODUCTS



- Accommodates 4-7/8" (124 mm) Wall Thickness
- 1-1/2" (38 mm) Face Trim
- Fully Fabricated Door Frames
- Optional Sidelites (20-Minute Frames Only)
- Supplied With CRL Smoke Seal
- Available in Clear, Bronze, and Black Anodized Finishes
- Custom Finishes are Available on Request
- 20-Minute and 90-Minute Wood Doors Available (See Page US152)

See Pages XXXVIII to XXXIX in Section 5 for Our **NEW** Dry Glazed Office Partition Systems

Our 487 Series OfficeFront™ 20-Minute "Positive Pressure" Frame provides a highly effective heat barrier, is available as single or double door frames, and with optional sidelite. The system wraps 4-7/8" (124 mm) walls and is available with optional rated wood door. All frames come fully fabricated and labeled. Frames with sidelite utilize the screw spline assembly method. Finishes include clear, bronze, and black anodized, with custom finishes on request. **NOTE:** Maximum sidelite width for rated frames is 24" (610 mm); if over 96" (2438 mm) tall a horizontal mullion will be required.

The 487 Series 90-Minute "Positive Pressure" Frame provides a highly effective heat barrier and is available as single door frames only. The system wraps 4-7/8" (124 mm) walls and is available with optional rated wood door. All frames come fully fabricated and labeled. Finishes include clear, bronze, and black anodized with custom finishes on request. **NOTE:** Maximum door size is 48" (1219 mm) wide x 96" (2438 mm) tall.

CRL HSS2000 Smoke Seal

NEW! CLASSIFIED C UL US IS47 BHMA CERTIFIED MSDS ONLINE

- Prevents Spread of Flames, Smoke, and Toxic Gases
- Provides Thermal Insulation to Deter Heat Transfer
- Adhesive Backed for Easy, Cost-Effective Installation
- Effective at Temperatures Up to 800°

CAT. NO.	COLOR	THICKNESS	WIDTH	ROLL LENGTH
HSS2000	Black	3/64" (1.2 mm)	7/16" (11.1 mm)	24' (7.3 m)
HSS2000W	White	3/64" (1.2 mm)	7/16" (11.1 mm)	24' (7.3 m)

Minimum order: 1 roll.



CAT. NO. HSS2000



CAT. NO. HSS2000W

CRL FG3000 Fire Glazing Tapes

CLASSIFIED C UL US IS47 MSDS ONLINE

- Specially Formulated High Performance Intumescent Glazing Tape
- Positive Pressure Tested and Listed
- For Use With Wire Glass and Firelite™

CAT. NO.	COLOR	THICKNESS	WIDTH	ROLL LENGTH
FG3000S45	White	3/64" (1.2 mm)	7/16" (11.1 mm)	16' (4.9 m)
FG3000S90	White	3/64" (1.2 mm)	7/16" (11.1 mm)	16' (4.9 m)

Minimum order: 1 roll.



CAT. NO. FG3000S45
45 Minute Fire Glazing Tape



CAT. NO. FG3000S90
90 Minute Fire Glazing Tape

487 Series OfficeFront™ Partition Extrusions

NEW!

- Accommodates 4-7/8" (124 mm) Wall Thickness
- Available for 1/4", 3/8", 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing
- Designed for Top Load Gaskets
- Clear, Bronze, and Black Anodized Finishes
- Custom Finishes Available Upon Request



487 Series OfficeFront™ Partition Extrusions are available in stock length form for many applications including Sidelites, Borrowed Lites, and Cased Openings. The unique framing members are designed for both clip joinery for quick on site installation, and screw spline assembly for shop fabrication, allowing units to be shipped to the job site knocked down, open panel assembly, or as shop glazed panels ready for installation into finished drywall openings. **NOTE:** For Door Frames see page US144.

See Pages XXXVIII to XXXIX in Section 5 for Our **NEW** Dry Glazed Office Partition Systems

U.S. ALUMINUM™ INTERIORPRODUCTS

Deep Pocket Wall Jamb/Head

NEW!

- Used With 487X503 Mullion and 487X506 Pocket Insert



24'-2" (7.3 M) STOCK LENGTH

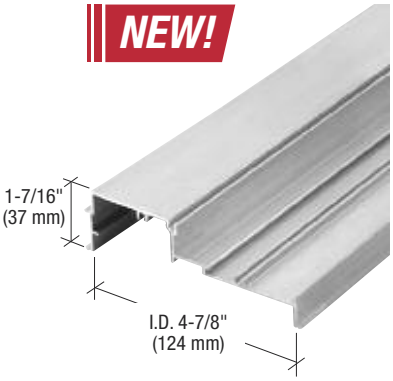
CAT. NO.	FINISH
487X50111	Clear Anodized
487X50122	Dark Bronze Anodized
487X50133	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

Glazing Base

NEW!

- Used With 487X505 Floor Track and 487X504 Glazing Stop



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X50211	Clear Anodized
487X50222	Dark Bronze Anodized
487X50233	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

Horizontal Mullion Base

NEW!

- Used With 487X504 Glazing Stop and 487X015 Face Trim



24'-2" (7.3 M) STOCK LENGTH

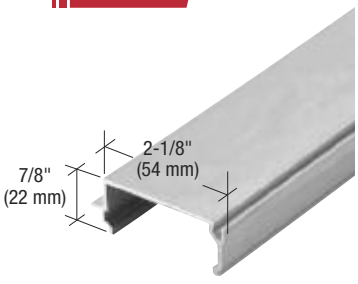
CAT. NO.	FINISH
487X50311	Clear Anodized
487X50322	Dark Bronze Anodized
487X50333	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

Glazing Stop

NEW!

- Easily Snaps Into Place
- Used With 487X502 and 487X503 Bases



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X50411	Clear Anodized
487X50422	Dark Bronze Anodized
487X50433	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

487 Series OfficeFront™ Partition Extrusions

U.S. ALUMINUM™ INTERIORPRODUCTS

MORE CHOICES crlaurence.com

Floor Track

NEW!

- Used With 487X502 Glazing Base



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X50511	Clear Anodized
487X50522	Dark Bronze Anodized
487X50533	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

Shallow Pocket Glazing Insert

NEW!

- Used With 487X501 Jamb



24'-2" (7.3 M) STOCK LENGTH

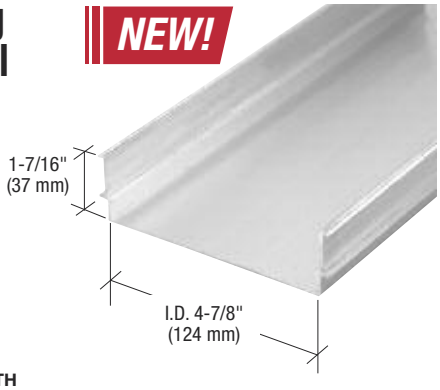
CAT. NO.	FINISH
487X50611	Clear Anodized
487X50622	Dark Bronze Anodized
487X50633	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

Cased Opening Jamb/Head/Sill

NEW!

- Used With 487X015 Face Trim



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X50911	Clear Anodized
487X50922	Dark Bronze Anodized
487X50933	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

Deep Pocket Glazing Insert

NEW!

- Used With 487X501 Jamb



24'-2" (7.3 M) STOCK LENGTH

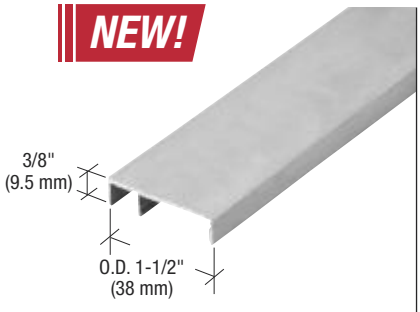
CAT. NO.	FINISH
487X52511	Clear Anodized
487X52522	Dark Bronze Anodized
487X52533	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

Face Trim

NEW!

- 1-1/2" (38 mm) Face Trim
- Snaps Into Place to Conceal Fasteners



24'-2" (7.3 M) STOCK LENGTH

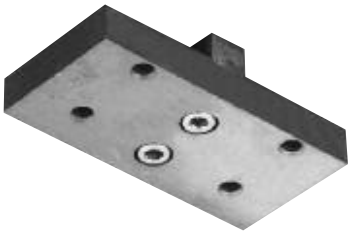
CAT. NO.	FINISH
487X01511	Clear Anodized
487X01522	Dark Bronze Anodized
487X01533	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

487 Series Drill Jig

NEW!

- Lets You Accurately Drill Holes for Screw Spline Assembly



This CRL Drill Jig is designed for use on our U.S. Aluminum 487 Series Office Partition extrusions. The precision made steel Jig fits on to the vertical extrusion providing a template to accurately drill holes for the screw spline. Minimum order is one each. **NOTE:** For large fabrication shops our Accufab Pro Tool can be customized to help you save up to 75% on fabrication times. (See Page US130)

CAT. NO. DJ487

487 Series OfficeFront™ Partition Accessories

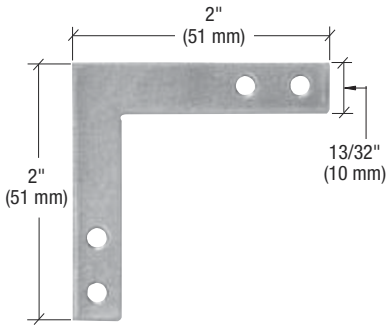
NEW!

U.S. ALUMINUM™ INTERIOR PRODUCTS

Corner Clip

- Used to Fasten Head or Sill to Jamb

Assembly Screws are sold separately (see Cat. No. 20061601 below).



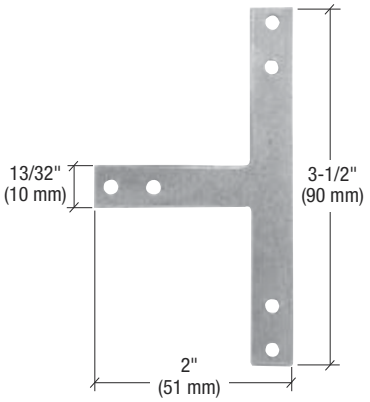
CAT. NO.	QTY/PKG
487C1	2

Minimum order: 1 pack.

T-Clip

- Used to Fasten Transom to Vertical Mullion or Jamb

Assembly Screws are sold separately (see Cat. No. 20061601 below).



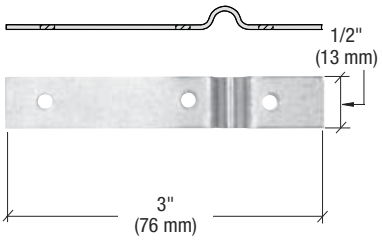
CAT. NO.	QTY/PKG
487C2	2

Minimum order: 1 pack.

Hook Clip

- Used to Fasten Horizontal or Sill to Vertical Mullion

Assembly Screws are sold separately (see Cat. No. 20061601 below).



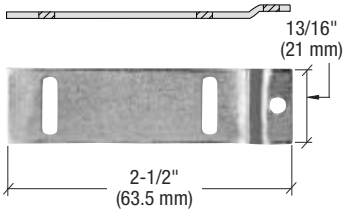
CAT. NO.	QTY/PKG
487C3	2

Minimum order: 1 pack.

Wide Offset Clip

- Used to Fasten Vertical Mullion to Head

Assembly Screws are sold separately (see Cat. No. 20061601 below).



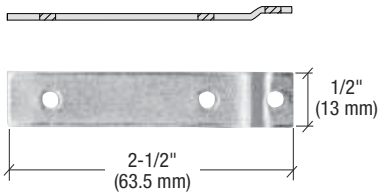
CAT. NO.	QTY/PKG
487C4	2

Minimum order: 1 pack.

Offset Clip

- Used to Fasten Horizontal Mullion or Sill to Verticals

Assembly Screws are sold separately (see Cat. No. 20061601 right).



CAT. NO.	QTY/PKG
487C5	2

Minimum order: 1 pack.

Flat Head Phillips Self-Drilling Drywall Screw

Use to anchor 487 Series Extrusions to drywall.



CAT. NO.	SIZE
6X158DWSD	6 x 1-5/8" (41 mm)

Minimum order: 100 each. Must be ordered in increments of 100.

Self-Drilling TEK® Screw

For fastening 487 Series Inserts and Clips (see above).



CAT. NO.	SIZE
20061601	6-20 x 1/2" (13 mm)

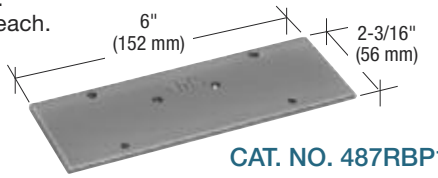
Minimum order: 100 each. Must be ordered in increments of 100.

Frame Reinforcement Backing Plate

NEW!

- For Standard Weight Butt Hinge Installations

Designed to support Standard Weight BB10 and BB15 Series 4-1/2" (114 mm) Ball Bearing Butt Hinges when mounted to our 487 Series Office Partition Frames. Plates are tapped for standard 12-24 machine screws. Minimum order is one each.



CAT. NO. 487RBP1

Hex Washer Head Sheet Metal Screws

Use Cat. No. 10X1HWSMS with 487 Series Office Partition Screw Spline-Assembly Extrusions. Use Cat. No. 8X58HWSMS for attaching Reinforcement Backing Plates (see left).

CAT. NO.	SIZE
10X1HWSMS	10 x 1" (25 mm)
8X58HWSMS	8 x 5/8" (16 mm)

Minimum order: 100 each. Must be ordered in increments of 100.



CAT. NO. 10X1HWSMS
For Screw Spline Assembly



CAT. NO. 8X58HWSMS
For Reinforcement Backing Plates

487 Series OfficeFront™ Partition Accessories

NEW!

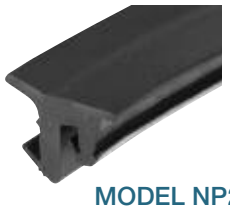
Glazing Gaskets

- Vinyl and Silicone Top Load Gaskets
- For 1/4", 3/8", 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing*

These Glazing Gaskets are used with our 487 Series Office Partitions. Vinyl Gaskets are used for non-rated assemblies, and Silicone Gaskets when rated assemblies are required. Available in black or gray. For easy installation we recommend our Vinyl Roller Tools (see below).
***NOTE:** When glazing with 1/2" (12 mm) glass use Model NP238 on one side and Model NP563 on the opposite side.



MODEL NP225



MODEL NP238



MODEL NP563

100 FT. ROLL VINYL CAT. NO	100 FT. ROLL SILICONE CAT. NO.	500 FT. ROLL VINYL CAT. NO.	500 FT. ROLL SILICONE CAT. NO.	COLOR	GLASS APPLICATION
NP225VC	NP225SC	NP225V	NP225S	Black	For 1/4" (6 mm)
NP225VGRYC	NP225SGRYC	NP225VGRY	NP225SGRY	Gray	For 1/4" (6 mm)
NP238VC	—	NP238V	—	Black	*For 3/8" and 1/2" (10 and 12 mm)
NP238VGRYC	—	NP238VGRY	—	Gray	*For 3/8" and 1/2" (10 and 12 mm)
NP563VC	—	NP563V	—	Black	*For 1/2" and 9/16" (12 and 14 mm)
NP563VGRYC	—	NP563VGRY	—	Gray	*For 1/2" and 9/16" (12 and 14 mm)

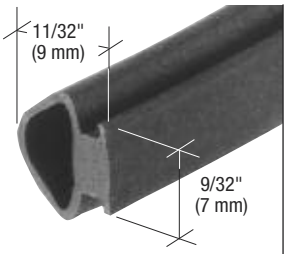
Minimum order: 1 roll.

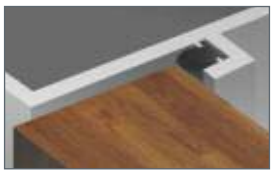
Door Frame Stop Gasket

NEW!

- Flame Retardant Neoprene
- Easily Installed

CRL Door Frame Stop Gasket is designed to be applied to the "stop" perimeter of our 487 Series Office Partition Frame to prevent energy loss, reduce noise, and limit dust infiltration. Black color blends with most decors.





Compresses When Door is Closed

CAT. NO.	COLOR	ROLL LENGTH
NP600C	Black	100' (30.5 m)
NP600	Black	750' (228.6 m)

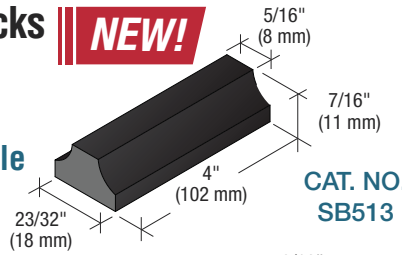
Minimum order: 1 roll.

PVC Setting Blocks

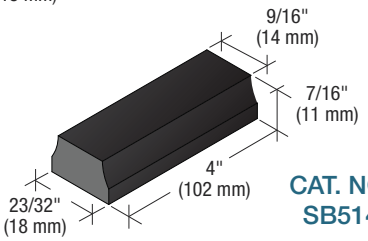
NEW!

- Cushions and Supports Glass
- Two Sizes Available

CRL Setting Blocks cushion and support glass, and act as a centering device for glass installed in 487 Series Office Partition channels. The vinyl composition of the blocks makes them flexible.



CAT. NO. SB513



CAT. NO. SB514

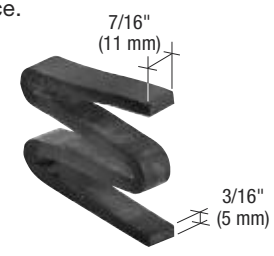
CAT. NO.	GLASS APPLICATION	QTY/PKG
SB513	For 1/4" to 3/8" (6 to 10 mm)	20
SB514	For 1/2" to 9/16" (12 to 14 mm)	20

Minimum order: 1 pack.

W Anti-Walking Block

- Used at Deep Pocket Verticals

This W Anti-Walking Block is used to prevent glass from shifting in opening. 'W' shape holds them in place.



CAT. NO.	QTY/PKG
WB452	50

Minimum order: 1 pack.

Adjustable Multi-Cutter Tool

- Makes Precise Straight or Miter Cuts in Gaskets
- Adjustable Guide Block



CAT. NO.	DESCRIPTION
MC80N	Multi-Cutter
MC80RB	Pack of 5 Blades

Minimum order: 1 each or 1 pack.

Vinyl Roller Tools

- Ball Bearing Wheels



VR17 Extra Long Vinyl Roller Tool

VR04 Standard Vinyl Roller Tool

VR10 Blue Handle Vinyl Roller Tool

CAT. NO.	DESCRIPTION
VR17	Extra Long 17" (432 mm) Vinyl Roller
VR04	Standard 11" (279 mm) Vinyl Roller
VR10	Blue Handle 11" (279 mm) Vinyl Roller

Minimum order: 1 each.

487 Series OfficeFront™ Partitions

487 Series 3" Offset Glazed

NEW!

- Offset Glazed - Accepts 1/4", 3/8" 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing
- Accommodates Recessed Window Coverings
- Utilizes Our Standard Stock Door Frames
- All Door Frames Factory Fabricated
- Stock Lengths Available for On Site Fixed Panel Fabrication
- Screw Spline or Clip Joinery

CRL U.S. ALUMINUM MANUFACTURED IN THE USA

USE MONOLITHIC TEMPERED GLASS



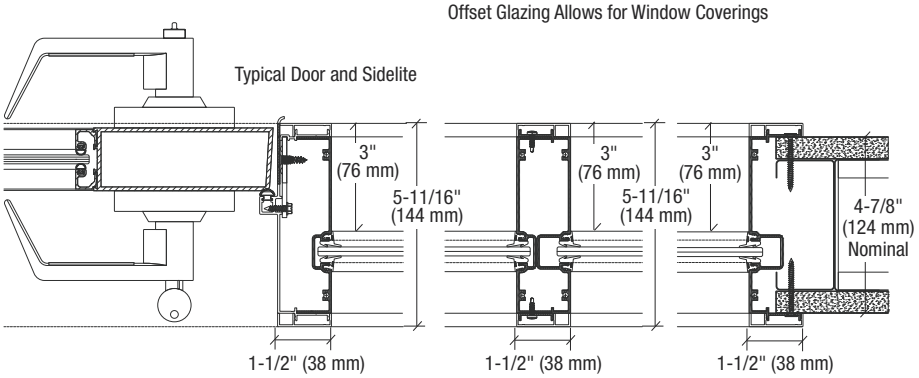
Offset Glazing Allows for Window Coverings

The 487 Series 3" (76 mm) Offset Glazed System offers the same advantages as our 1-1/2" (38 mm) Trim Series with a 1-1/2" x 5-11/16" (38 x 144 mm) frame that accepts a variety of glass thickness in an offset position, allowing for recessed window coverings and blinds.

For additional information, visit us online at **crlaurence.com/office-partitions** or contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also email us at **crlaurence.com/support**.

See Pages XXXVIII to XXXIX in Section 5 for Our **NEW** Dry Glazed Office Partition Systems

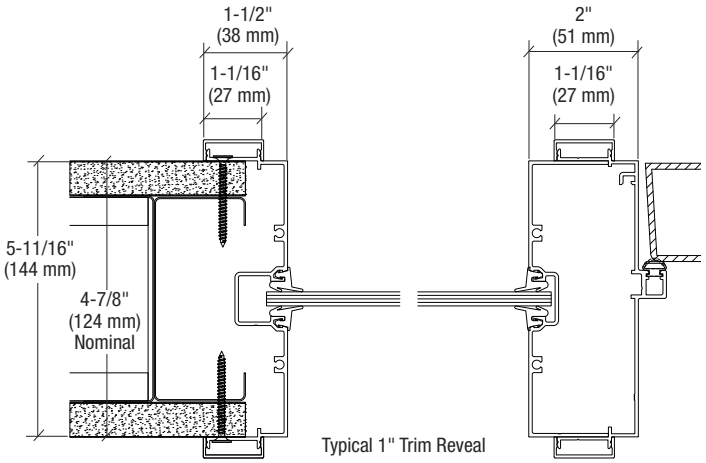
U.S. ALUMINUM™ INTERIOR PRODUCTS



487 Series 1" Trim Center Glazed

- Center Glazed - Accepts 1/4", 3/8" 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing
- 2" x 6-3/16" (51 x 157 mm) Overall Framing Size

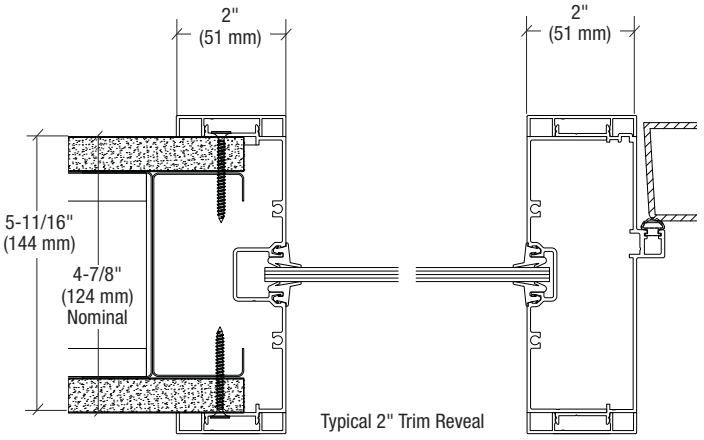
NEW!



487 Series 2" Trim Center Glazed

- Center Glazed - Accepts 1/4", 3/8" 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing
- 2" x 6-3/16" (51 x 157 mm) Overall Framing Size

NEW!



487 Series OfficeFront™ Partitions

487 Series Integrated Top Hung Sliding Doors

- For Use with 1-3/4" (44 mm) Aluminum and Wood Doors or 'All Glass' Doors
- Maximum Door Weight 200 Pounds (90 kg)
- Center Glazed - Accepts 1/4", 3/8", 1/2" and 9/16" (6, 10, 12, and 14 mm) Glazing
- Fully Fabricated Frames Available for Fast and Easy Installation
- Stock Lengths Available for On Site Fixed Panel Fabrication
- Screw Spline or Clip Joinery

NEW!

CRL US ALUMINUM MANUFACTURED IN THE USA

U.S. ALUMINUM™ INTERIORPRODUCTS



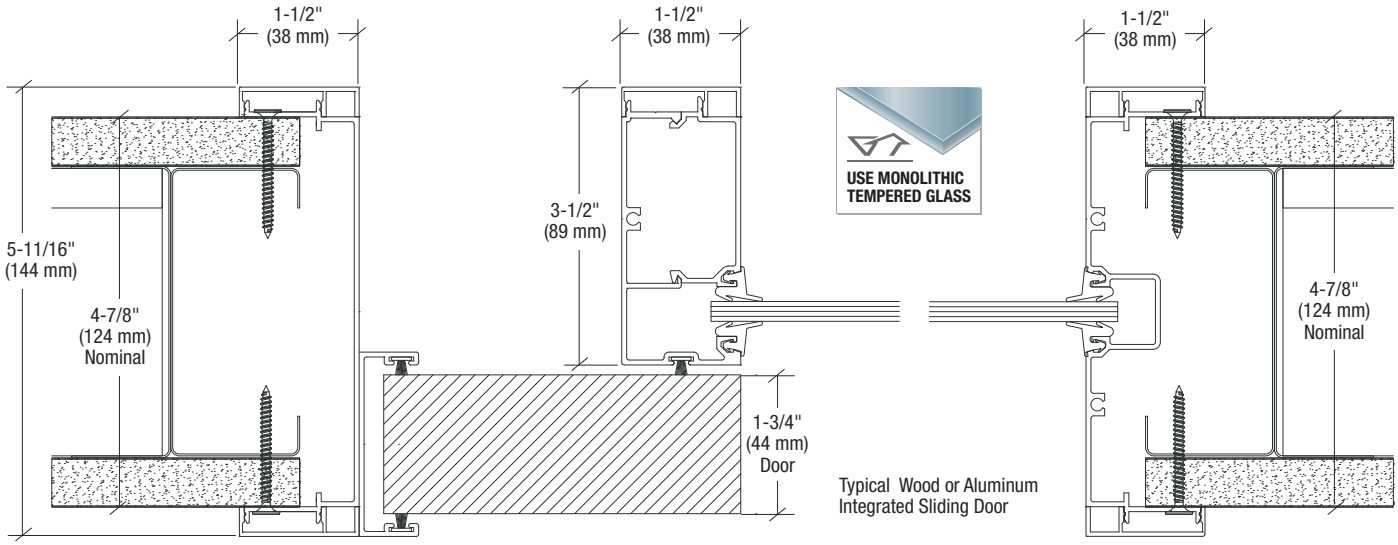
The 487 Series Integrated Top Hung Sliding Door is an expansion of our initial 487 Series OfficeFront™ Partitions offering that integrates a top hung sliding system into the 1-1/2" x 5-11/16" (38 x 144 mm) frame. Two separate but similar systems have been created to accommodate both 1-3/4" aluminum and wood doors or 'All Glass' doors weighing up to 200 pounds (90 kg).

For additional information, please visit us online at **crlaurence.com/office-partitions** or contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also email us at **crlaurence.com/support**.

OFFICE PARTITIONS online by CRL

MORE INFORMATION crlaurence.com

See Pages XXXVIII to XXXIX in Section 5 for Our **NEW** Dry Glazed Office Partition Systems



Typical Wood or Aluminum Integrated Sliding Door

Wood Flush Doors

NEW!

U.S. ALUMINUM™ INTERIOR PRODUCTS

- 1-3/4" (44 mm) Thick
- Interior Use Only
- Fire Ratings Up to 90 Minutes
- Optional Vision Lites Available
- Contributes to LEED® Certification Ratings

See Pages XXXVIII to XXXIX in Section 5 for Our NEW Dry Glazed Office Partition Systems



CRL-U.S. Aluminum offers an extensive selection of Wood Doors to complement our OfficeFront™ Partition Systems. They are engineered for high performance in diverse environments including office, hospitality, education, healthcare, recreation, and residential settings.

Our Wood Flush Doors are thoroughly tested and approved for a variety of applications, including 20-minute through 90-minute fire ratings, and are available with optional vision lites. A full selection of distinctive wood varieties, like White Birch, Red Oak, White Maple, and Cherry are available. Our Wood Flush Doors are engineered and crafted for high performance and available in three core options, Standard Particleboard Core, Extra Heavy-Duty Structural Composite Lumber Core, and our Mineral Core for openings requiring up to a 90-minute label. All Wood Doors are available unfinished, prefinished with a UV Clear Coat, or your choice from a wide selection of colors. Maximum sizes are limited to 48" wide x 108" (1219 x 2743 mm) tall for use in light commercial to large-scale institutional projects.
Visit **crlaurence.com/office-partitions** for additional information.

MORE INFORMATION crlaurence.com

DOORMERICA Products

SC Series Wood Flush Door

- Flush Standard Particleboard Core
- 20-Minute Fire Rated
- 1-3/4" (44 mm) Thick
- 5-Ply Construction
- Exceeds Industry Standards of WDMA I.S.1
- Core: 28-30 Lb. Particleboard, ANSI A208.1 Grade LD-1



SC Series

EHC Series Wood Flush Door

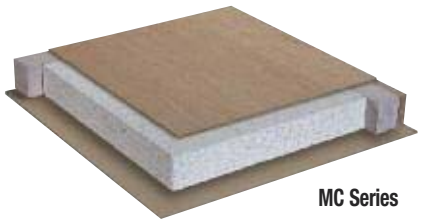
- Flush Extra Heavy-Duty Structural Composite Lumber Core
- Fire Rated Up to 45 Minutes
- 1-3/4" (44 mm) Thick
- 5-Ply Construction
- Pre-Drilled Pilot Holes
- Exceeds Industry Standards of WDMA I.S.1-A
- Core: 34 Lb. Structural Composite Lumber (Engineered) Grade LD-2



EHC Series

MC Series Wood Flush Door

- Wood Flush Mineral Core Door
- Fire Rated Up to 90 Minutes
- 1-3/4" (44 mm) Thick
- 3 and 5-Ply Construction Available
- Exceeds Industry Standards of WDMA I.S.1-A
- Core: Gypsum Mineral



MC Series

LEED is a registered trademark of U.S. Green Building Council.

Complete Product Index

5

The following pages contain a complete A-Z Product Index of the product sections outlined below. Here you will find every item featured in this catalog arranged alphabetically, along with its applicable page number(s). Search listings by brand, generic, and common names.



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Commercial Hardware
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Architectural Railing
Pages HR001 - HR280



U.S. Aluminum Architectural Systems
Pages US001 - US152

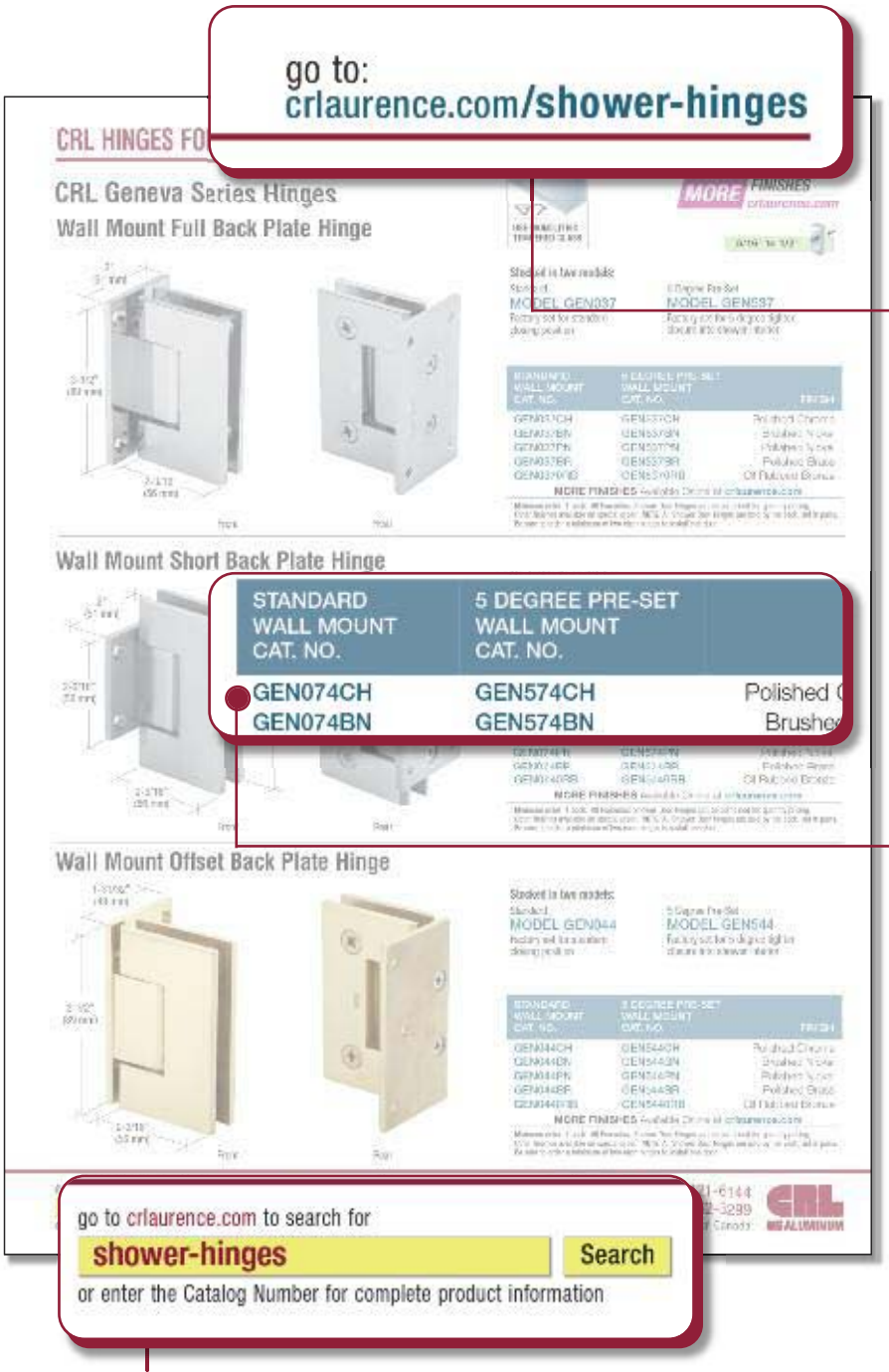
CRL
US ALUMINUM
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In addition to finding products via the catalog index, we offer several ways to help you find exactly what you're looking for on **crlaurence.com**. The next page will show you how to take advantage of all the convenient methods of searching.

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HOW TO FIND PRODUCTS

We Give You a Number of Ways to Find What You Want



Shortcuts

The top right of each catalog page has a shortcut URL (web address) that relates to the products on the catalog page you're looking at. Simply type the string of text into your web browser's address bar and you'll jump to that specific expanded product offering on **crlaurence.com**.



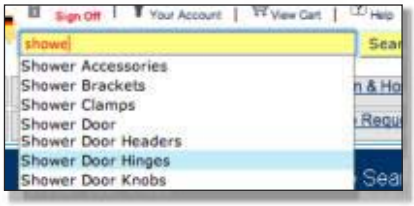
Online Shortcut Directory

Every shortcut URL for every product category in this catalog is available in an easy-to-navigate alphabetical online directory at **crlaurence.com/shortcut-index**.

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- Find Product Numbers (appears as "CAT. NO.") in catalogs and on product packaging
- Enter the Product Number into the **crlaurence.com** search box to access complete product information



Search Suggest

Start entering a keyword or product number, and CRL Search Suggest will show you a list of popular search terms and shortcut URL's similar to the search terms you're typing. You can click on any that appear to go to that item/topic.

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Send Us A Sample

Need a special part but haven't been able to find it anywhere? We can usually help you by e-mail, phone or fax, but when that doesn't work, we offer a sample matching service that is determined to serve you. Every year hundreds of CRL customers send us samples of what they're looking for because they know that, quite often, CRL is their best chance of getting just what they need. You may send a sample of what you need to: CRL Customer Service, 2503 E. Vernon Avenue, Los Angeles, CA 90058-1826. Be sure to include your name and telephone number so we can call you with the results of our search. In Australia, 9 Shale Place, Eastern Creek, NSW 2766. In Europe, Charles Babbage Avenue, Kingsway Business Park, Rochdale OL16 4NW England.

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SELF-LOCK GLAZING SYSTEMS

CRL Self-Lock™ Glazing System

NEW!



- Unique Patented Dry Self-Lock Mechanism
- Side Loading System
- For 5/16", 3/8" or 1/2" (8, 10 or 12 mm) Tempered Glass and 5/8" to 1" (15 to 25 mm) Insulating Glass
- Cost Effective and Easy Installation for Time and Labor Savings
- EPDM Gaskets Help Achieve High Levels of Sound Proofing
- Tested and Certified Above Industry Standards
- Several Architectural Finishes Available

This CRL Self-Lock™ Glazing System is a dynamic dry glaze system with worldwide patents. The side loading system reduces project time by half compared to lift and drop systems, and because it is a dry system, glass replacement is a snap. Three profiles allow for 5/16" to 1" (8 to 25 mm) thick glazing. The CRL Self-Lock™ Glazing System is ideal for partitions that need frequent relocation or easy changes to LED lighting with simple dismantling and assembly.

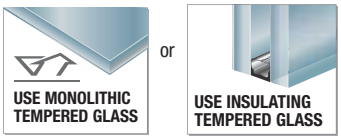
For additional information, visit us online at **crlaurence.com/office-partitions** or contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also email us at **crlaurence.com/support**.

See Pages US142 to US152 in Section 4 for Our **487 Series OfficeFront™ Partition Systems**

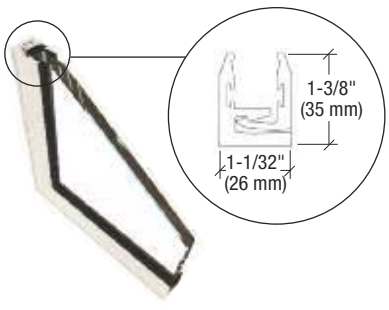


Applications

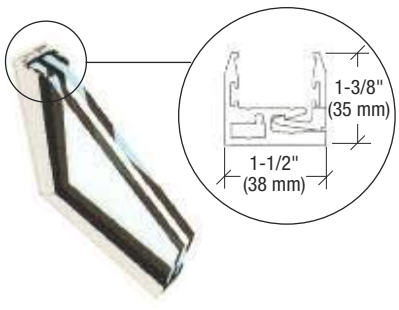
- Glass Partitions
- Interior Office Partitions
- Storefronts
- Fixed Windows
- Signage With LED Lights
- Available in Three Slim Profiles



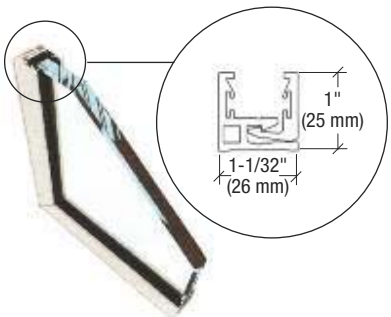
MORE INFORMATION crlaurence.com



Single Pro
5/16" - 1/2" (8-12 mm) Glass



Double Pro
5/8" - 1" (15 - 25 mm) Insulating Glass



Mini Pro
5/16" - 1/2" (8 - 12 mm) Glass

GLASS DOOR FRAMES AND HINGES

CRL Fallbrook Series Glass Door Frames and Hinges

- **Mechanical Clamping With No Exposed Fasteners** NEW!
- **Accommodates 3/8" or 1/2" (10 or 12 mm) Fully Tempered Glass**
- **Available in Brushed Stainless Anodized Finish**

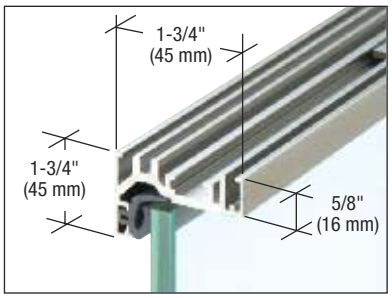




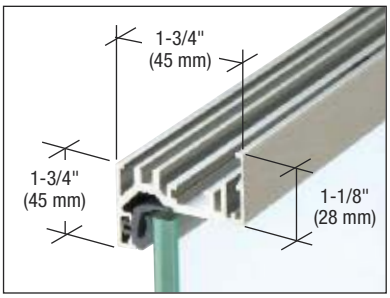
Our New Fallbrook Series lets you easily create interior office fronts using 3/8" or 1/2" (10 or 12 mm) fully tempered glass. These narrow profile frames use mechanical clamping components and glass hinges to produce a new look. Available in brushed stainless anodized finish.

For additional information about the Fallbrook Series, visit us online at **crlaurence.com/office-partitions** or contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. You can also email us at **crlaurence.com/support**.

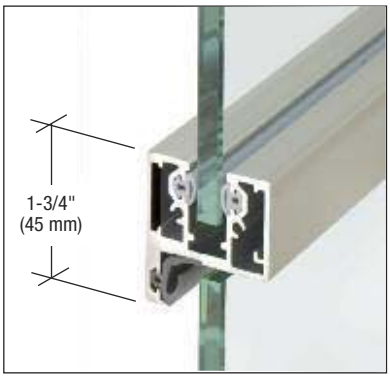
MORE INFORMATION crlaurence.com



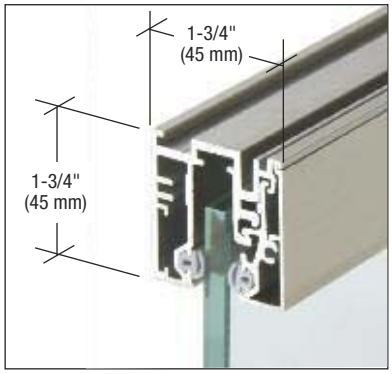
Finished Wall Door Frame
Inset Mount



Finished Wall Door Frame
Edge Mount

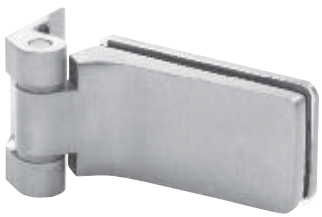


Fixed Panel to Door Frame



Glass Wall Perimeter Frame

- **Glass Door Hinges Exclusively Fit These Frames**





See Pages US142 to US152 in Section 4 for Our **487 Series OfficeFront™ Partition Systems**

CRL DRS 1202 SERIES DOOR SYSTEM

CRL DRS 1202 Series Swinging Glass Door System

NEW!

- Unique Closing Device Located in Vertical Rail
- Beautiful in Design and Functional in Operation
- Double Acting Hold or No Hold Open Options
- Stainless Steel, Brass, Anodized and Painted Finishes
- Round Vertical Edge Door Rail Design Prevents Finger Pinch
- Custom Fabricated to Meet Your Design Requirements
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Door Only, Door With Transom/Wall or Transom/Sidelite Configurations Available
- Optional Top and Bottom Low Profile Rails With or Without Locks
- Also Available for Swinging Gates. See Pages HR250-HR251 for Additional Information

USE MONOLITHIC TEMPERED GLASS

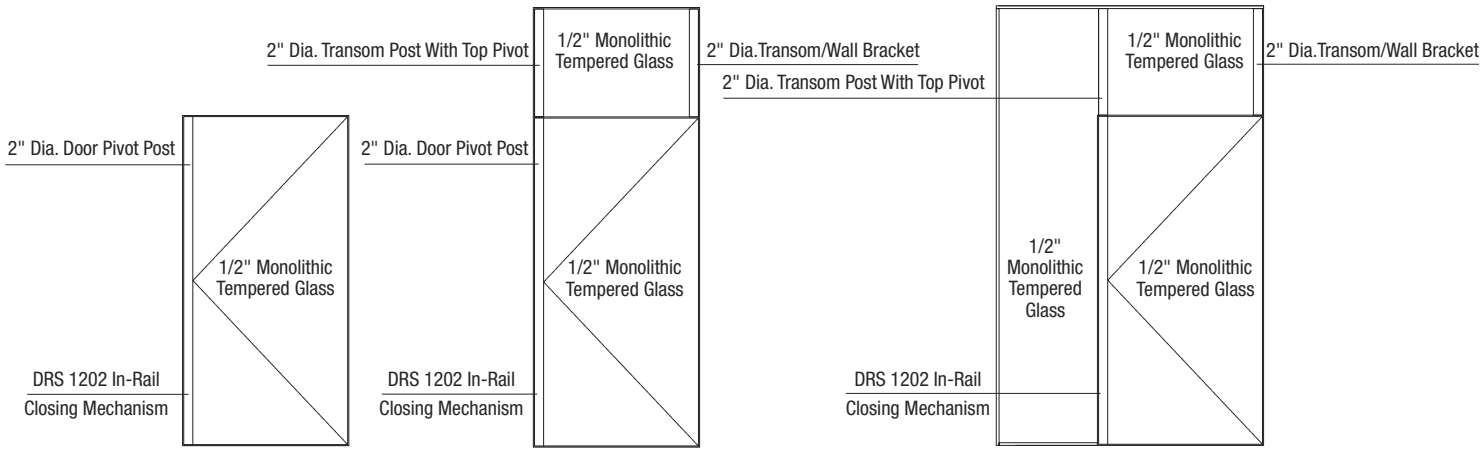


Shown with our Locking Ladder Pulls (purchased separately) see pages CH089-CH092.

ARCH. SPEC. ONLINE

MODEL DRS 1202

Typical Configurations



CRL CATALOGS AND LITERATURE

C.R. Laurence Knows Catalogs

- **We Offer Master and Specialty Catalogs in Print and Online**
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- **Color Photos and Detailed Illustrations**
- **Easy to Understand Ordering Information**



Of all the products we bring you, our catalogs may be the most important. C.R. Laurence offers a variety of catalogs because we know our customers find it convenient and informative to use these carefully planned and thoroughly prepared catalogs that make it easy for them to find exactly what they need.

Part of our catalog philosophy is to provide more of the information you need, and not overburden you with excess catalog literature. That is why we make our Master Catalogs that usually contain all of the products we offer to certain industries, as well as our Specialty Catalogs that focus on particular product groups. You can select CRL Catalogs for only the areas that pertain to your business, or choose to shop from our Master Catalogs because you like the convenience of finding such a wide variety of products all under one cover.

Our Catalog Library continues to grow with the publication of new catalogs and brochures on a regular basis. Visit our Catalog Library online at **crlaurence.com/catalogs** to see our latest editions.

Master Catalog Selection

- 03 SEALANTS, ADHESIVES, AND FASTENERS
- 23R FRAMELESS SHOWER DOOR HARDWARE
- 43 AUTO GLASS TOOLS AND WINDOWS
- 53R GLASS AND GLAZING
- 63A ARCHITECTURAL HARDWARE
- 63R ARCHITECTURAL RAILING
- 73R TOOLS, MACHINERY, AND EQUIPMENT
- 83R DOOR AND WINDOW REPLACEMENT HARDWARE
- 93A BIG RED - ARCHITECTURAL HARDWARE
- 93G BIG RED - GLASS AND GLAZING

Free CRL Catalogs Online

You can also view or download CRL Catalogs free of charge any time at **crlaurence.com/catalogs**. Once you open the page you'll be able to view full PDF versions of each catalog simply by clicking on the image of that catalog's cover. Browse through them page by page at your convenience. When you find a product that you want more information about, or would like to order, just click on its Catalog Number and you'll go directly to that product's Offer Page. It's another convenient way for you to shop at **crlaurence.com**.

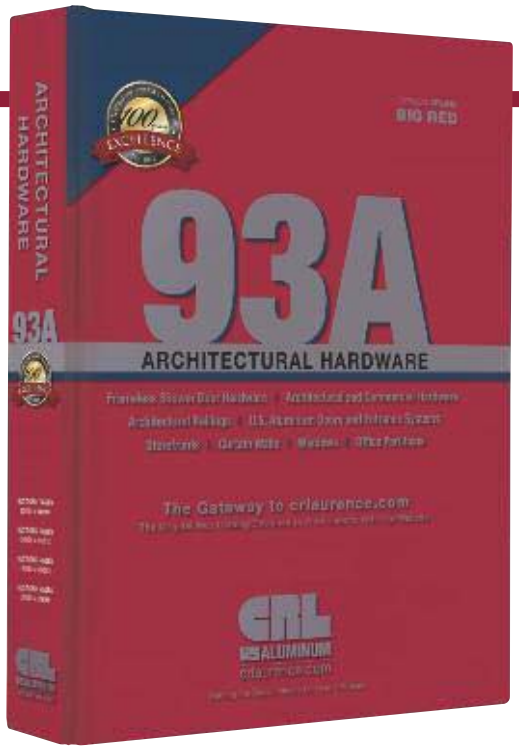


- **Browse At Your Convenience**
- **Order Right From the Page**



Our Online Catalogs read just like a printed book.
You can flip through them page by page with a simple mouse click.
If you see something you want to order, just click on the Catalog Number.

THE ORIGINAL MASTER CATALOG



"BIG RED"
CAT. NO. CRL93A

This massive full-color volume features an extensive A to Z Product Index for quick look-up of products

Master Catalog CRL93A Architectural Hardware

- **Our Most Popular Catalog Ever Has Been Updated and Features Our Most Popular Architectural Product Lines**
- **Frameless Shower Door and Mirror Hardware**
- **Commercial Doors and Entrances**
- **Architectural Railing Systems**
- **Storefront Systems**
- **Curtain Wall Systems**
- **Office Partitions**

The new CRL93A Catalog is your ultimate sourcebook for CRL Architectural Hardware, and perhaps more importantly, it is your complete guidebook to the wealth of information on **crlaurence.com**, where you can find the additional information, options, sizes, configurations, instructions, specifications, literature, finishes, photos, related products, and the support your projects require.

The original 93 "Big Red" has served the industry for the last 25 years. This new CRL93A expands upon the original with the latest developments and features. When used in conjunction with **crlaurence.com**, CRL93A will continue to serve the industry as a comprehensive resource for architects, designers, and specifiers for years to come.

All CRL Catalogs are available for order, download, or viewing online at **crlaurence.com/catalogs**.



View Any Page of the CRL93A Online at crlaurence.com/crl93a

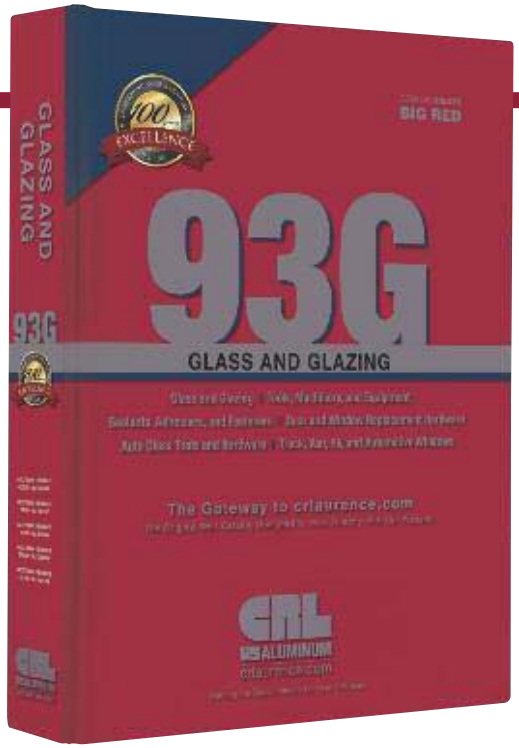


Technical Assistance for Architectural Products

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.

For a complete listing of all CRL Technical Sales Business Groups, please see pages LIV to LVI.

THE ORIGINAL MASTER CATALOG



"BIG RED"
CAT. NO. CRL93G
This massive full-color volume features an extensive A to Z Product Index for quick look-up of products

Master Catalog CRL93G Glass and Glazing

- **Our Most Popular Catalog Ever Has Been Updated and Features Our Most Popular Glazing Tools and Hardware**
- **Sealants, Adhesives, and Fasteners**
- **Tools, Machinery, and Equipment**
- **Door and Window Hardware**
- **Transaction and Security Hardware**
- **Hospitality and Food Service Hardware**
- **Auto Glass Tools and Windows**

The new CRL93G Catalog is your sourcebook for CRL Glass and Glazing Products. More importantly, it is your complete guidebook to the wealth of information on **crlaurence.com**, where you can find additional information, options, sizes, configurations, instructions, specifications, literature, finishes, photos, related products, and support your projects require.

The original 93 "Big Red" has served the industry for the last 25 years. This new CRL93G expands upon the original with the latest developments and features. When used in conjunction with **crlaurence.com**, CRL93G will continue to serve the industry as a comprehensive resource for glaziers, contractors, and architects for many years.

All CRL Catalogs are available for order, download, or viewing online at **crlaurence.com/catalogs**.



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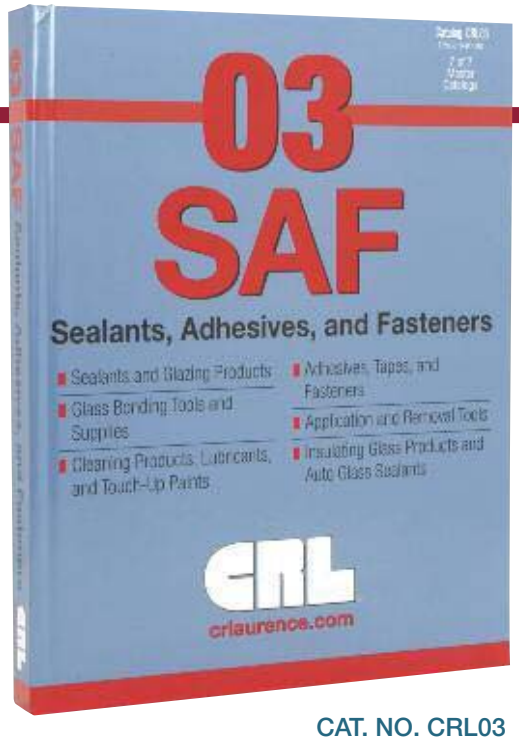


Technical Assistance for Glass and Glazing Products

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.

For a complete listing of all CRL Technical Sales Business Groups, please see pages LIV to LVI.

SEALANTS, ADHESIVES, AND FASTENERS CATALOG



CAT. NO. CRL03

Over 400 full-color pages, including an extensive A to Z Product Index for quick look-up of products

Master Catalog CRL03 Sealants, Adhesives, and Fasteners

- **Silicones, Polyurethanes, Butyls, Acrylics, and Other High Performance Sealants**
- **Application and Finishing Tools**
- **Shims, Setting Blocks, and Backer Rods**
- **Fast Curing and Durable Adhesives**
- **Paper, Plastic, Metal, and Foam-Based Tapes**
- **Screws, Nails, Rivets, Nuts and Bolts, Washers, Anchors, and Other Mechanical Fasteners**
- **Setting and Fastening Tools**
- **Cleaning and Maintenance Products**

CRL03 is where you will find our extensive line of sealants, adhesives, cleaners, lubricants, and other chemical construction, fabrication, and maintenance products. We also feature CRL's line of mechanical fasteners and tape products in a variety unmatched in the glass industry. The CRL03 Master Catalog is organized into sections for fast and easy product reference. It's one of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



View Any Page of the CRL03 Online at crlaurence.com/crl03

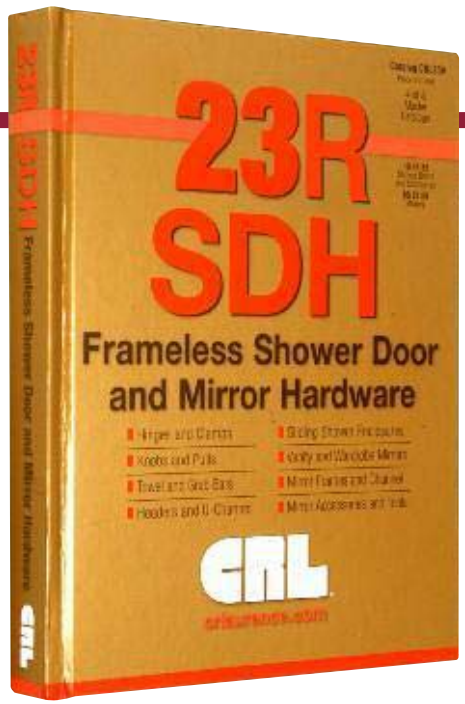


Technical Assistance for Sealants, Adhesives, and Fasteners

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.



FRAMELESS SHOWER DOOR AND MIRROR CATALOG



CAT. NO. CRL23R
Over 400 full-color pages, including an extensive
A to Z Product Index for quick look-up of products

Master Catalog CRL23R Frameless Shower Door and Mirror Hardware

- Hinges and Clamps
- Knobs and Pulls
- Towel and Grab Bars
- Headers and U-Channel
- Sliding Shower Enclosures
- Vanity and Wardrobe Mirrors
- Mirror Frames and Channels
- Mirror Accessories and Tools

SHOWERS online by CRL

Ask about a FREE 30-Day Trial of Showers Online, our Web-based glass sizing and estimating program

CRL23R is the catalog you need when you are looking specifically for frameless shower and mirror hardware. CRL23R features thousands of products, including hundreds of new products selected for their appeal to your customers. The CRL23R Frameless Shower Door and Mirror Hardware Master Catalog is separated into four sections for fast and easy product reference. It's one of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



View Any Page of the CRL23R Online at crlaurence.com/crl23r

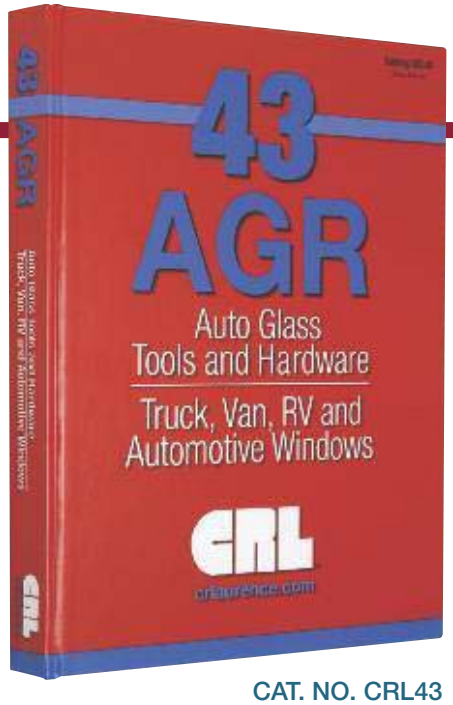


Technical Assistance for Frameless Shower Hardware

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.



AUTOMOTIVE CATALOG



CAT. NO. CRL43
Over 400 full-color pages, including an extensive
A to Z Product Index for quick look-up of products

Master Catalog CRL43
Auto Glass Tools and Windows

- Truck, Van, RV, and Automotive Windows
- Auto Glass Adhesives and Sealants
- Auto Glass Shop Tools and Equipment
- Cleaning Supplies and Lubricants
- Automotive Weatherstrips, Moldings, and Replacement Gaskets
- Auto Glass Clips and Fasteners
- Safety Gear and First Aid Kits

The CRL43 Auto Glass Catalog focuses on tools, equipment, supplies, safety gear, and accessories used by the auto glass industry. The CRL43 Auto Glass Master Catalog is separated into five sections for fast and easy product reference. It's one of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.







View Any Page of the CRL43 Online at crlaurence.com/crl43

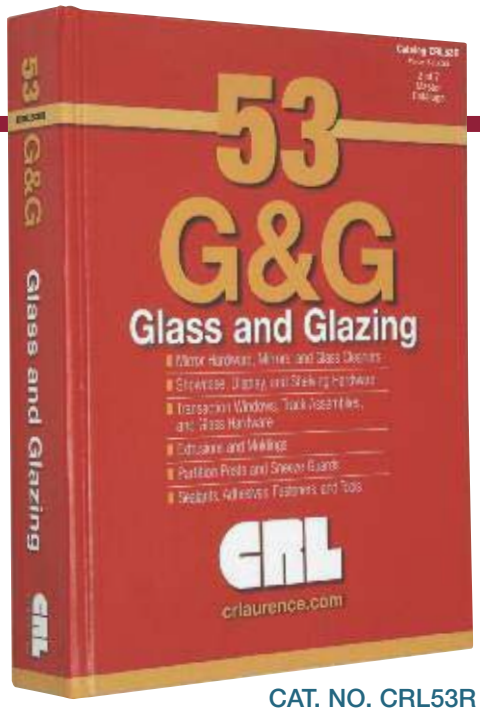


Technical Assistance for Automotive Accessories

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.



GLASS AND GLAZING CATALOG



CAT. NO. CRL53R
800 full-color pages, including an extensive
A to Z Product Index for quick look-up of products

Master Catalog CRL53R
Glass and Glazing

- Mirror Hardware, Mirrors, and Glass Cleaner
- Showcase, Display, and Shelving Hardware
- Transaction Windows, Track Assemblies, and Glass Hardware
- Extrusions and Moldings
- Partition Posts and Sneeze Guards
- Sealants, Adhesives, and Fasteners
- Glazier's Tools and Equipment

The CRL53R Glass and Glazing Catalog is an absolute must for glass shops and glazing contractors. It showcases almost 8,000 products, featuring the finest and most comprehensive line of glass and glazing hardware. CRL53R is separated into six sections for fast and easy product reference, and organized to make ordering primary and related products simple. It's one of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



View Any Page of the CRL53R Online at crlaurence.com/crl53r

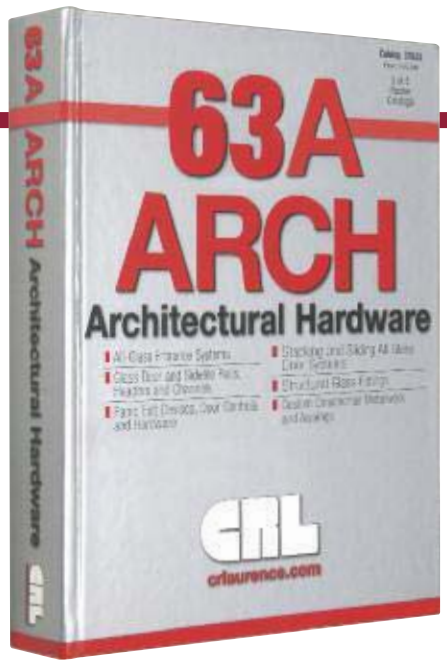
Technical Assistance for Glass and Glazing

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.





ARCHITECTURAL HARDWARE CATALOG



CAT. NO. CRL63A
Over 500 full-color pages, including an extensive A to Z Product Index for quick look-up of products

Master Catalog CRL63A Architectural Hardware

- All-Glass Entrance Systems
- Glass Door and Sidelite Rails, Headers and Channels
- Panic Exit Devices, Door Controls and Commercial Hardware
- Stacking and Sliding All-Glass Door Systems
- Structural Glass Fittings
- Custom Ornamental Metalwork and Awnings



Ask about a FREE 30-Day Trial of 'All-Glass' Storefronts Online®, our Web-based glass sizing and estimating program

The CRL63A Architectural Hardware Master Catalog features the most comprehensive line of heavy glass and architectural hardware. CRL63A is organized and indexed for fast and easy product reference. CRL63A is one of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.

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View Any Page of the CRL63A Online at crlaurence.com/crl63a

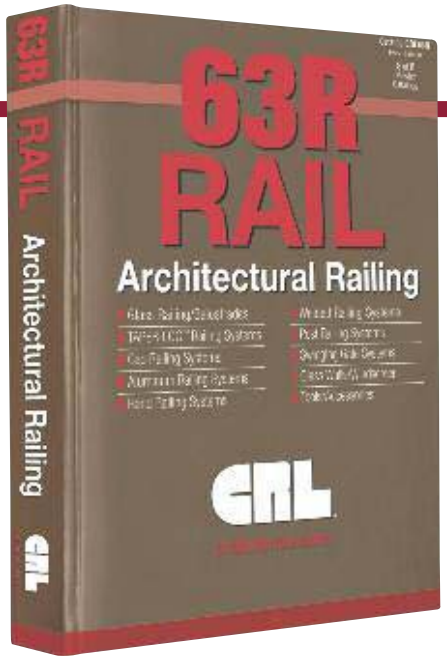


Technical Assistance for Architectural Hardware, Including Our Blumcraft and Jackson Brands

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.



ARCHITECTURAL RAILING CATALOG



CAT. NO. CRL63R
Over 500 full-color pages, including an extensive A to Z Product Index for quick look-up of products

Master Catalog CRL63R Architectural Railing

- TAPER-LOC® Railing System
- Glass Railings/Balustrades
- Cap Railing Systems
- Aluminum Railing Systems
- Hand Railing Systems
- Welded Railing Systems
- Post Railing Systems
- Swinging Gate Systems
- Glass Walls/Windscreens
- Tools/Accessories



Ask about a FREE 30-Day Trial of Hand Rails Online, our Web-based glass sizing and estimating program

TAPER-LOC X
DRY GLAZE RAILING SYSTEM

The CRL63R Architectural Railing Master Catalog features our extensive line of hand rails, guard rails, aluminum railing and windscreen hardware. CRL63R is organized into sections for fast and easy product reference. It's part of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



View Any Page of the CRL63R Online at crlaurence.com/crl63r



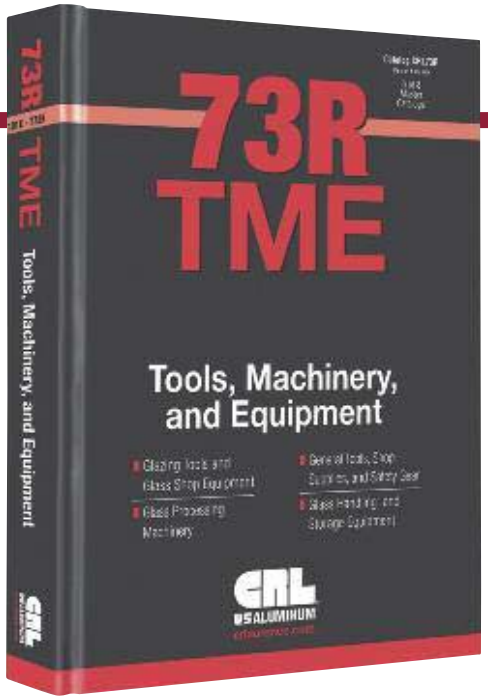
Technical Assistance for Architectural Railings

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.

Ask for Extension
7730
Direct Fax
(866) 921-0532
Direct E-Mail
railings@crlaurence.com



TOOLS, MACHINERY, AND EQUIPMENT CATALOG



CAT. NO. CRL73R
Over 600 full-color pages, including an extensive A to Z Product Index for quick look-up of products

Master Catalog CRL73R Tools, Machinery, and Equipment

- Glaziers' Tools
- Glass Handling Tools
- Safety Gear
- Specialty Tools
- General Hand and Shop Tools
- Caulking Tools
- Insulating Glass Tools and Equipment
- Glass Storage Equipment
- Lifting Equipment
- Glass Working Machinery

CRL GLASS MACHINERY AND SUPPLIES formerly Summers & Mach crlaurence.com

CRL73R is where you will find our extensive line of Tools, Machinery, and Equipment specifically designed for the industries we serve. This catalog contains a variety of items favored by professional glaziers and contractors. The CRL73R Master Catalog is organized into six sections for fast and easy product reference. It is one of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



View Any Page of the CRL73R Online at crlaurence.com/crl73r

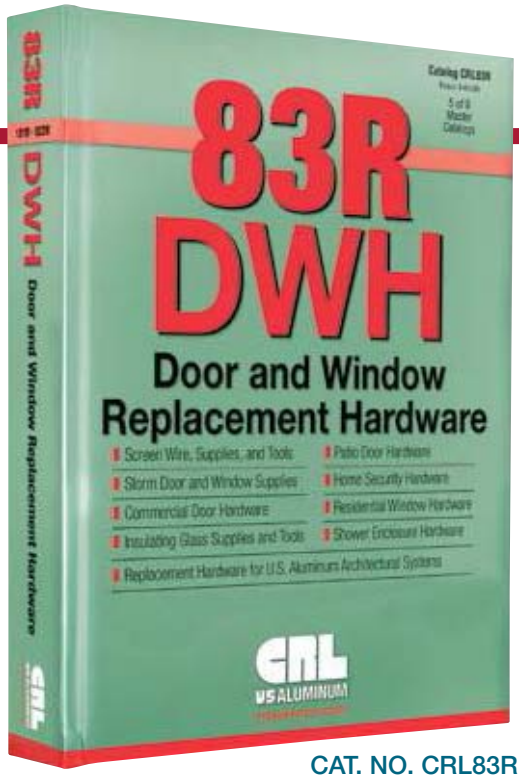


Technical Assistance for Tools, Machinery, and Equipment

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.



DOOR AND WINDOW CATALOG



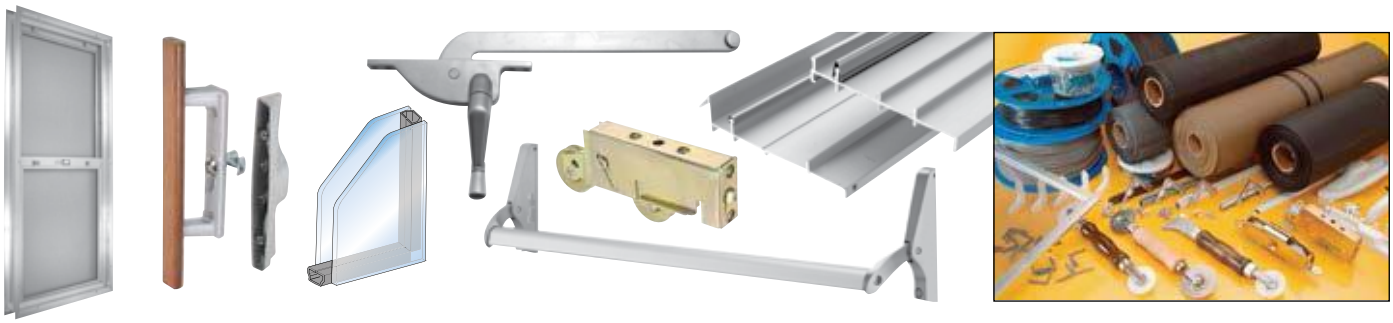
CAT. NO. CRL83R
864 full-color pages, including an extensive
A to Z Product Index for quick look-up of products

Master Catalog CRL83R
Door and Window Replacement Hardware

- **Screen Wire, Supplies, and Tools**
- **Patio Door Hardware**
- **Storm Door and Window Supplies**
- **Home Security Hardware**
- **Replacement Hardware for U.S. Aluminum Architectural Systems**
- **Commercial Door Hardware**
- **Residential Window Hardware**
- **Insulating Glass Supplies and Tools**
- **Shower Enclosure Hardware**

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CRL83R features our comprehensive selection of door and window replacement parts for residential, commercial, and institutional use. There is also a full selection of hardware for use in shower enclosures, and our full program for the fabrication and installation of energy saving insulating glass units. The CRL83R Master Catalog is separated into six sections for fast and easy product reference. It's one of CRL's series of Master Catalogs that serve the glass industry and related businesses, each focusing on one of our core business groups.



View Any Page of the CRL83R Online at crlaurence.com/crl83r

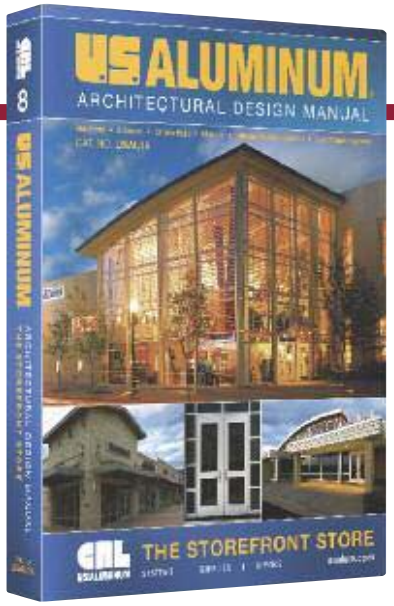


Technical Assistance for Door and Window Hardware, Including Our Columbia, CRL Security Screen, and Jackson Brands

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.



U.S. ALUMINUM STOREFRONT CATALOG



CAT. NO. USAL14

Over 500 pages of extensive information on Entrances, Storefronts, Window Walls, Windows, Hurricane Resistant, and Blast Mitigation Systems

USAL14 Architectural Design Manual U.S. Aluminum The Storefront Store

- Storefronts
- Entrance Doors
- Window Walls
- Windows
- Hurricane Resistant Systems
- Blast Resistant Systems



Ask about a FREE 30-Day Trial of U.S. Aluminum Storefronts Online®, our Web-based glass sizing and estimating program

Our USAL14 Architectural Design Manual will show you how simple it can be to get into the storefront installation and repair business. U.S. Aluminum has designed and engineered a number of proven and attractive storefront systems with long-lasting quality, reliability, and durability. Whatever the climate and environment, our storefront systems are known performers that deliver value on a daily basis.

The USAL14 Architectural Design Manual has over 500 pages of extensive information on Aluminum Entrance Doors, Storefronts, Window Walls, Windows, Hurricane (Impact) Resistant Systems, Blast Mitigation Systems, 'All-Glass' Entrances, and Interior Office Front Systems, including an A to Z Index for quick look-up of products. Organized into sections for fast and easy product reference, the USAL14 Architectural Design Manual is your premier source for all things storefront.





View Any Page of the USAL14 Online at crlaurence.com/usal14

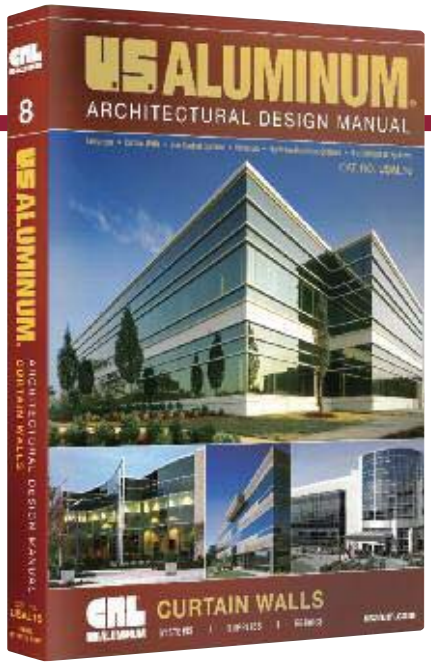


Technical Assistance for U.S. Aluminum Storefront Systems

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.



U.S. ALUMINUM CURTAIN WALLS CATALOG



CAT. NO. USAL15

Over 500 pages of extensive information on Entrances, Curtain Walls, Sun Control Systems, Windows, Hurricane Resistant, and Blast Mitigation Systems

USAL15 Architectural Design Manual U.S. Aluminum Curtain Walls

- Entrance Doors
- Curtain Walls
- Sun Control Systems
- Windows
- Hurricane Resistant Systems
- Blast Resistant Systems

Our USAL15 Architectural Design Manual offers you a full range of curtain wall systems with superior thermal performance. The quality, performance, and aesthetic beauty of our products permit architects and designers to fully utilize the unique structural properties of aluminum for both interior and exterior design. Finishes range from custom matched painted coatings to a wide selection of clear, bronze or black anodic finishes.

Our engineering staff constantly updates product design to satisfy the performance requirements and economic concerns of today's most demanding projects. After design, certified independent testing labs test our systems to the highest industry standards.

The USAL15 Architectural Design Manual has over 500 pages of extensive information on Aluminum Entrance Doors, Curtain Walls, Sun Control Systems, Windows, Hurricane (Impact) Resistant Systems, Blast Mitigation Systems, 'All-Glass' Entrances, and Interior Office Front Systems, including an A to Z Index for quick look-up of products. Organized into sections for fast and easy product reference, the USAL15 Architectural Design Manual is your guide for the selection of efficient and attractive curtain wall systems.





View Any Page of the USAL15 Online at crlaurence.com/usal15



Technical Assistance for U.S. Aluminum Curtain Wall Systems

Live consultation by phone is available from 6:00 am to 5:00 pm (Pacific Time) Monday through Friday, and 7:00 am to 12:00 pm on Saturday.



PHONE, FAX AND E-MAIL DIRECTORY

Customer Service Order Desk

- Get Product Information
- Request Price Quotes
- Check Stock Availability
- Place or Trace Orders
- Check Your Account Status
- Request Catalogs

Customer Service Order Desk hours are 6 am to 5 pm (Pacific Time) Monday through Friday, and 7 am to 12 pm Saturday. If you wish to pick up your order at the Will Call Trade Counter of our regional Service Centers the hours are 8 am to 5 pm Monday through Friday, and 8 am to 12 pm Saturday. For the fastest Will Call service be sure to place your order in advance so we can have it ready upon your arrival.

Technical Sales Business Groups

Glass and Glazing





- Glass Handling Equipment
- Glazier's Tools and Machinery
- Mirror and Glass Hardware
- Retail Display Hardware and Standoffs
- Safety Gear
- Sealants, Adhesives, and Fasteners
- UV Glass Bonding
- Vacuum Lifting Equipment
- Cleaning and Maintenance Products

U.S. Aluminum



- Storefronts and Entrance Doors
- Curtain Walls
- Window Wall Systems
- Elephant Doors
- Window Systems
- Hurricane Resistant Systems
- Blast Mitigation Systems
- Sun Control Systems

Door and Window Hardware



- Door Closers and Control/Hardware
- Commercial and Residential Door Hardware
- Insulating Glass Supplies
- Patio Door Hardware
- Residential Window Hardware
- Screen Wire and Supplies
- Screen and Security Doors
- Storm Door and Window Supplies

PHONE, FAX AND E-MAIL DIRECTORY

Technical Sales Business Groups

Architectural Hardware

- Architectural Storefronts
- 'All-Glass' Entrance Systems
- Door and Sidelite Rails
- Header Systems
- Structural Glass Fittings
- Bi-Folding Doors
- Bollards
- Balanced Doors













Blumcraft Architectural Metals

- Tubular Architectural Hardware
- Tempered Glass Door Hardware
- Panic Hardware
- Display Case Doors





Architectural Railings

- TAPER-LOC® Railing System
- Aluminum Railing Systems
- Cap Railing Systems
- Hand Railing Systems
- Heavy Glass Base Shoe
- Post Railing Systems
- Windscreen and Gate Systems
- Smoke Baffles







Architectural and Ornamental Metals

- Brake Shaped Metals
- Canopies and Sunshades
- Column Covers (Cladding)
- Wall Panel Systems
- Custom Entrances and Storefronts
- Ornamental Hand and Guard Rails
- Glass Awnings
- Sun Control






PHONE, FAX AND E-MAIL DIRECTORY

Technical Sales Business Groups

Frameless Shower Door

- Hinges and Clamps
- Knobs and Pull Handles
- Sliding Shower Enclosures
- Towel and Grab Bars
- Vanity and Wardrobe Mirrors
- 'All-Glass' Restroom Partitions
- Shower Installation Tools



Transaction and Hospitality

- Bullet Resistant Exchange Windows
- Drive-Thru and Walk-Up Windows
- Food Service Sneeze Guards
- Partition Posts and Booth Dividers
- Safety and Security Mirrors
- Speak-Thru Devices
- Barrier Systems



Partitions

- Aluminum Office Partitions
- Frameless Glass Partitions
- Area Divider Systems
- Monterey Bi-Folding Door and Wall Systems
- Stacking Glass Partitions
- Sliding Door Systems



Automotive

- Auto Glass Shop Products
- Auto Glass Tools
- Pop-Up and Electric Sunroofs
- Truck Sliding Rear Windows
- Van and RV Windows



Online Assistance by Telephone:

United States **(800) 421-6144**
Canada **(877) 421-6144**
International **(323) 588-1281**

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93A

ARCHITECTURAL HARDWARE

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Frameless Shower Door Hardware
Pages SD001 to SD160



Commercial Hardware
Pages CH001 to CH312



Architectural Railings
Pages HR001 to HR280



U.S. Aluminum Architectural Systems
Pages US001 to US152

Complete Your Set

93G GLASS AND GLAZING

The CRL93 "Big Red" comprises two complete volumes; the 93A features a comprehensive selection of popular, high-quality architectural hardware systems, while the 93G showcases the glass and glazing industry's essential tools, supplies, and equipment. Together, they serve as a complete cross-section of all CRL products and services.

View the 93G online or request your copy at **crlaurence.com/93G**. In it you will find the newest and most essential tools, supplies, and equipment in the industry:

- **Glass and Glazing**
- **Tools, Machinery, and Equipment**
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- **Door and Window Replacement Hardware**
- **Auto Glass Tools and Hardware**
- **Truck, Van, RV and Automotive Windows**



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