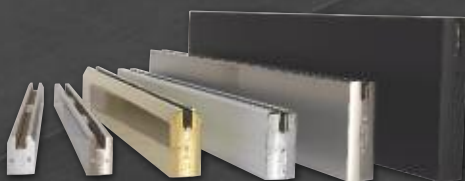


ARCHITECTURAL HARDWARE **GLASS ENTRANCE SYSTEMS**

CAT. NO. AH18



CRL
US ALUMINUM

C.R. LAURENCE COMPANY

Worldwide Manufacturer and Supplier

Glazing, Architectural, Railing, Construction, Industrial, and Automotive Supplies

crlaurence.com

usalum.com

crl-arch.com

An ISO9001:2008 Certified Company

What's **NEW!** in This Catalog

Many of our customers have been using high quality C.R. Laurence products for years now, and may believe they know all we have to offer. Actually our product line is continually evolving with the addition of **NEW** products. It is our intention to make sure you are happy with the products you have used for years, and at the same time find added opportunities for your business through the use of our newest offerings.

Shown on this page and the next, are just some of the **NEW** products featured in this AH18 Catalog. Please take a few minutes to review these products. We note page number references for each item so that you may view them in greater detail. And as always, this entire product line can be viewed at crlaurence.com/entrance-systems.

CRL Monolithic and Laminated Tempered "Door Glass"

PAGE 109Z

- Clear Tempered and Low Iron (Starphire®) Glass Types Available
- All Glass Panels Ship Cut and Tempered, Ready to Install
- Custom Sizes, Fabrication, Drilling, and Edge Work Available
- Proudly Produced in the U.S.A.

NEW!



or



CRL-U.S. Aluminum Entice® Series Entrance System

PAGES 176Z-179Z

- 1-1/8" (29 mm) Ultra Narrow Vertical Stiles and Mullions With a System Depth of Only 2-1/2" (64 mm)
- Fully Glazed With 1" (25 mm) Insulating Glass
- Thermally Broken Framing and Cladding
- NFRC Rated
- Supports Door Handle Hardware on 1" (25 mm) Insulating Glass
- U-Factors as Low as 0.33



NEW!

CRL European Hydraulic and Oil Dynamic Bottom Patch Fittings

PAGE 211Z

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Hold-Open and No Hold-Open Models Available
- For Herculite™+ Style Doors



NO FLOOR CLOSER REQUIRED

NEW!

CRL Vernon Series Hydraulic 'All-Glass' Hinges

PAGE 233Z

- No Hold-Open Models 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
- Adjustable Closing Speed
- Require Cut-Out in the Glass



NEW!

CRL Glass Bracing Clamps

PAGE 252Z

- Perfect for Bracing Mall Fronts, Sound Walls, and Partitions
- Made of 316 Grade Stainless Steel
- Do Not Require Holes In the Glass
- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass

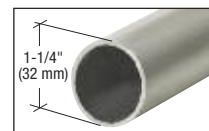


NEW!

CRL Locking Ladder Pulls

PAGES 280Z-285Z

- A.D.A. Compliant Latching Models Available
- New Matte Black Finish Stocked in Some Models
- Custom Sizes and Finishes Available



NEW! MATTE BLACK

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

entrance-systems

Search

or enter the Catalog Number for complete product information

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

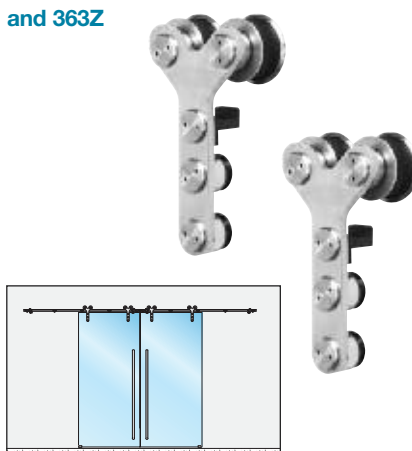
CRL
U.S. ALUMINUM

CRL Laguna Series Slider Kits With Double Top Rollers

NEW!

PAGES 357Z, 359Z, 361Z, and 363Z

- NEW Double Top Rollers for Contemporary Design
- Wall Mount and Glass Mount Systems Available
- 316 Grade Stainless Steel Construction for Durability
- Anti-Lift Design for Added Safety
- All Kits Include Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass



CRL490/495 Series Top Hung Sliding Door Kits

NEW!

PAGES 399Z-403Z

- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Available With or Without "Softbrake" Braking System
- Kits Available for Wall and Ceiling, or Dropped Ceiling Applications, With or Without Fixed Panels
- Can Accommodate Doors Weighing Up to 330 Pounds (150 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



CRL Easy Slide Stacking Partition System

NEW!

PAGES 449Z-452Z

- 1-1/8" (29 mm) Slim Top and Bottom Rails
- Directional Rollers Guide Glass Panels Effortlessly Every Time
- Panels Simply Stack Away, Creating Large Openings or Clear Space
- System Come in Choice of Brushed Stainless, Polished Stainless, and Satin Anodized Finishes
- Top Track, Corners, and Intersections Available in Satin Anodized or White Powder Coat
- For Use With 3/8" and 1/2" (10 and 12 mm) Tempered Glass
- Each Unit is Customized per Chosen Parking Configuration



CRL-U.S. Aluminum Mojave Series Advanced Thermal Entrance Systems

NEW!

PAGES 462Z-463Z

- Uses Polyamide Struts and Radiant Energy Barriers for Optimal Thermal Performance
- Meet California Title 24 Requirements Using Both Area Weight Prescriptive and Performance Calculation Approaches
- Available in Narrow, Medium, and Wide Vertical Stiles
- Compatible With a Wide Range of Standard Architectural Locking and Mounting Hardware
- Ideal for Retrofit Applications
- Accommodate 1" (25 mm) Thick Insulating Glass



CRL Fallbrook Office Partition Systems

NEW!

PAGES 542Z-543Z

- Front Load Dry Glazed System With No Exposed Fasteners
- Accommodates 3/8" or 1/2" (10 or 12 mm) Glass Doors, Plus 1-9/16" (40 mm) Wood Doors
- XL Series Accommodates Insulating Glass Fixed Panels of 13/16", 7/8", 15/16", 1" or 1-1/8" (20, 22, 24, 26, or 28 mm) for Noise Reduction
- Available in Satin Anodized or Brushed Nickel Finish
- EPDM Gasket



CRL Clear View Office Partition System

NEW!

PAGE 544Z

- A Choice of Pivoting or Sliding Door Options
- Full-Length Door Rails Utilize the Patented Wedge-Lock® Dry Glaze System
- Ideal for Office Fronts, Conference Rooms, Lobbies and Waiting Rooms
- Available in Six Standard Architectural Finishes, With Custom Finishes Available Upon Request
- For Use With 3/8" to 3/4" (10 to 19 mm) Tempered Glass



THE INDUSTRY STANDARD FOR 'ALL-GLASS' ENTRANCES

Why piecemeal components when you can have peace of mind sourcing your entire entrance system from a single, trusted manufacturer? CRL 'All-Glass' Entrances provide a complete system solution for Herculite™ + Doors. They feature patented DRS Series Door Rails that provide the utmost in speed and versatility. Complete your entrance with CRL-Jackson® Door Closers. For over 50 years, Jackson has been a premier manufacturer of door hardware for the aluminum and heavy glass door industry, with its original, patented transom closer debuting over 35 years ago. Take advantage of the **shortest lead time** in the industry with CRL Locking Ladder Pulls, or elegantly secure your entrance with iconic CRL-Blumcraft® Panic Devices.



Blumcraft® is the Original Tubular Panic Patented Decades Ago, and Trusted by Leading Temperers and Specifiers Across the Globe.



architectural@crlaurence.com
(800) 421-6144 Ext. 7700
crlaurence.com/commercial-hardware

Herculite is a registered trademark of PPG Industries, now Vitro



Design by Gensler / Hirsch Bedner Associates. Photos: Geoff Captain

go to crlaurence.com to search for

entrance-systems

Search

or enter the Catalog Number for complete product information

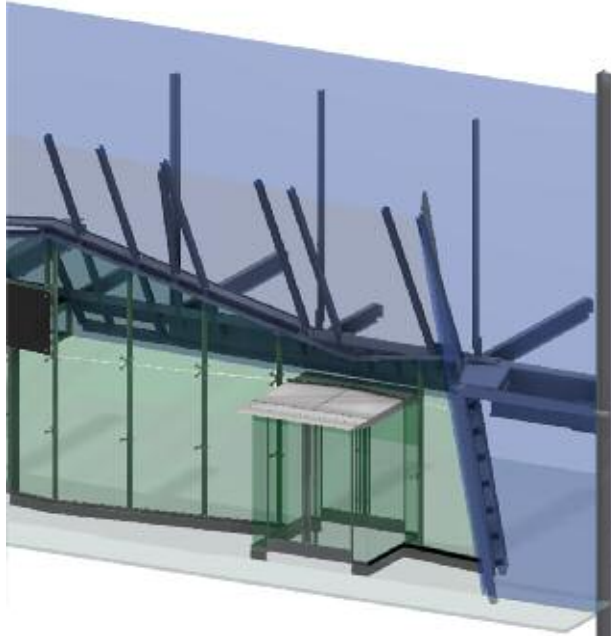
102Z

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



When Off-the-Shelf Won't Do | Rapid Customization and Advanced Fabrication

When standard products can't satisfy project requirements, C.R. Laurence has the design, engineering, and fabrication expertise to provide custom-engineered product solutions. Backed by the state-of-the-art manufacturing technologies and in-house testing laboratories, we have the ability to design, rapid prototype, test, and precision engineer complex or custom components faster than ever. When you partner with CRL, our manufacturing capabilities become one of your strengths, enabling you to tell more clients 'yes' when your competitors say it can't be done.



Total Package | A Unique Combination of Innovative Products, Expertise, and Service

We're more than a hardware manufacturer, we are the one-stop-shop for glazing professionals. In addition to offering a comprehensive selection of architectural hardware, CRL supplies the largest selection of glass and glazing tools and supplies. All of our products are supported by a team of drafters, hardware consultants, engineers, and CSI, CDT-certified project managers; giving you a unique combination of single-source product solutions and services that enables you to get the job done right and on schedule.

- Product Specifications
- Shop Drawings
- Fabrication Drawings
- Engineering Calculations
- 3D Modeling
- NFRC Reports and Simulations
- Value Engineering
- Tailor-Made Solutions
- Project Management

Global Reach, Local Touch | Worldwide Distribution Network

Lead time is critical, and project delays can undermine your reputation and profitability. Our manufacturing and distribution network spans 46 locations, in six countries across three continents—providing you the products you need, when you need them. CRL Service Centers are strategically located in or near major metropolitan areas to serve customers in person. This allows for localized fabrication, stock inventories, and technical support.



THE NAME YOU TRUST

C.R. Laurence is the industry standard when it comes to glass entrance systems. For decades, architects, glaziers, and the most recognizable brands in the world have continued to place their trust in CRL architectural glazing systems. Whether it be withstanding the 300,000+ daily commuters at NYC's Fulton Center, elegantly and securely displaying historical masterpieces at the Louvre in Paris, or tailor-made solutions customized to the exacting design intent for Apple Park headquarters—CRL glazing systems have cultivated a reputation for delivering performance and aesthetics time and again. This is why you'll find our products in the most iconic buildings and demanding specifications.



Design by Clive Wilkinson Architects. Photo: Ema Peter

Often imitated but never matched, CRL 'All-Glass' Entrance Systems are the preferred choice of architects and glaziers alike. The ease-of-installation, durability, and elegance offered by C.R. Laurence architectural hardware are unmistakable and unparalleled.



architectural@crlaurence.com
(800) 421-6144 Ext. 7700
crlaurence.com/commercial-hardware

ACCEPT NO SUBSTITUTES

go to crlaurence.com to search for

entrance-systems

Search

or enter the Catalog Number for complete product information

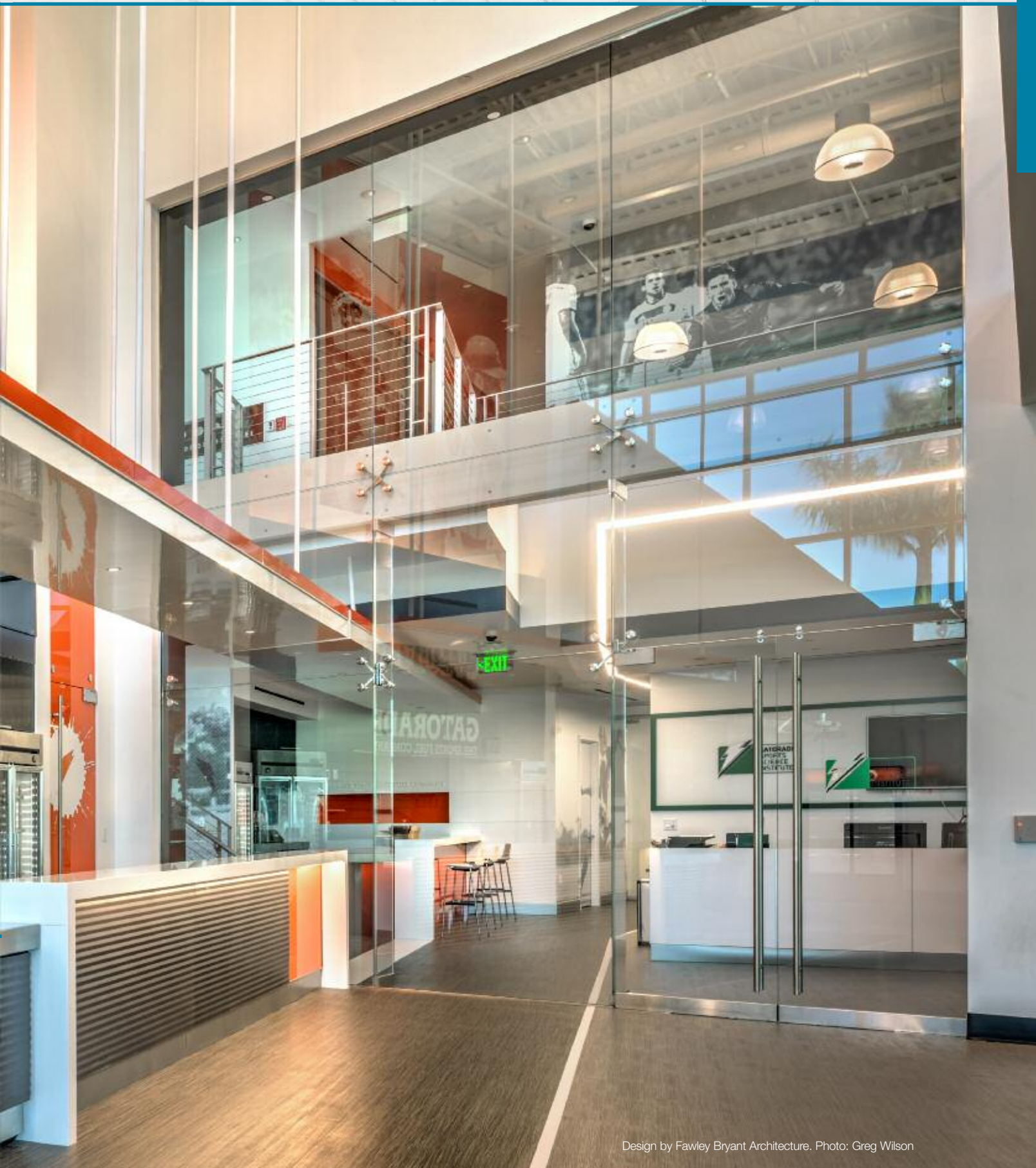
104Z

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



CRL 'ALL-GLASS' ENTRANCES

MORE CHOICES
crlaurence.com/entrance-systems



Design by Fawley Bryant Architecture. Photo: Greg Wilson

go to crlaurence.com to search for

entrance-systems

Search

or enter the Catalog Number for complete product information

105Z

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

CRL
US ALUMINUM

Partner with CRL for Complete Support Through Every Phase of Your Project

Our Architectural Hardware **Technical Sales Department** and **Business Development Teams** provide start-to-finish service from design and bidding phases through project completion.

Phase 1 : Technical Sales and Estimating Department

(800) 421-6144 Ask for Extension 7700

Direct Fax: (800) 587-7501

Direct e-mail: architectural@crlaurence.com

The CRL Architectural Hardware **Technical Sales Department** is a fulltime staff consisting of CSI, CDT-certified hardware consultants, drafters, estimators, project managers, and engineers. The group is thoroughly versed in the proper design, specification, and installation of CRL heavy glass hardware systems. CRL works with architects, designers, and glass professionals to successfully select, implement, and install the right product for the application.

When to Contact:

- Quote Requests
- Product Selection
- Technical Support
- Engineering
- Shop Drawings
- Fabrication Drawings
- Custom Products



Phase 2 : Business Development Department

(800) 421-6144 Ask for Extension 4113

Direct Fax: (323) 584-5252

Direct e-mail: architecturalquotes@crlaurence.com

The newest addition to our Customer Service offerings, the CRL Architectural Hardware **Business Development Team** exists to provide you with exceptional service for your existing quotes. Once you've requested a quote from our Technical Sales Department, our Business Development Team is your ultimate resource for immediate support. Contact them for questions, changes, and updates, or to approve the quote and have it converted to an order.

When to Contact:

- Questions About An Existing Quote
- Make Changes and Updates to Existing Quotes
- Approve Quote and Convert to Order



Automated Follow-Ups

Our new automated follow-up program is designed for speed and convenience. Once your quote is ready, we will send you an automated e-mail containing your quote summary with two easy options to facilitate your transaction. From your inbox you can simply select either the green **"ORDER NOW"** button to process your order, or the blue **"QUESTIONS ABOUT QUOTE"** button to ask a question or make changes. Our dedicated team is on standby ready to provide a prompt response and process your order. For quick access to your quotes, we will e-mail you automated follow-up letters to ensure you always have the information you need to make a purchase. This program is intended to add value and convenience in a less-invasive format.



ORDER NOW

QUESTIONS ABOUT YOUR QUOTE

E-quote Follow-Up Program

Letter 1a: Confirmation - Your Quote is Complete and Ready to Order

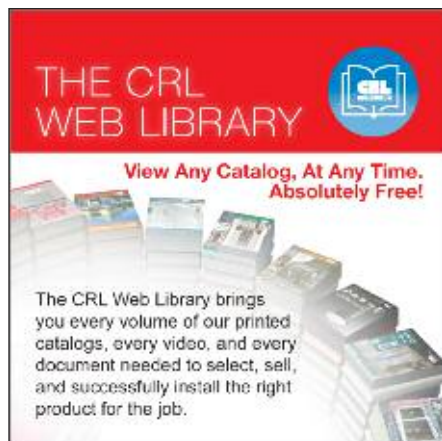
Letter 1b: Confirmation - Your Quote is Ready to Approve, But Requires Additional Documents to Order

Letter 2: Follow-Up - Sent Two Days After Quote Confirmation, How Can We Assist You?

Letter 3: Final Notification - Sent Two Weeks After Quote Confirmation

CRL Web Library and Complete Product Index

- Thousands of Pages of Quality Products and Helpful Information are Just Clicks Away, Any Time at Your Convenience



crlaurence.com/web-library



Complete Product Index

We've combined the thoroughness and familiarity of our Master Catalog product indexes with the speed and convenience of online shopping. Here you will find every product from our exhaustive print catalogs, organized by brand and presented in an easy-to-search platform.

crlaurence.com/product-index

Having Trouble Finding What You're Looking For?
Let us know by using our Product Help Feedback Form, accessible anywhere you see this icon.



This Catalog Features 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 information, pricing, availability, additional finishes/sizes, details, and related items.

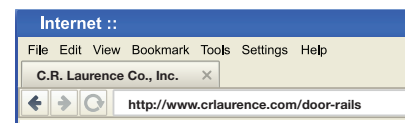


go to crlaurence.com to search for
door-rails
or enter the Catalog Number for complete product information



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).

go to crlaurence.com to search for
web-library
or enter the Catalog Number for complete product information

Search

107Z

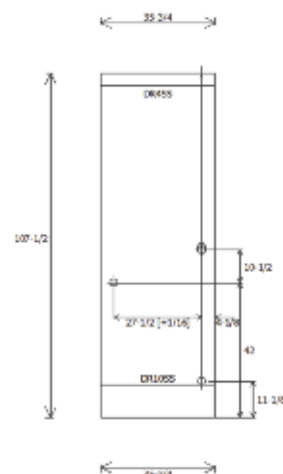
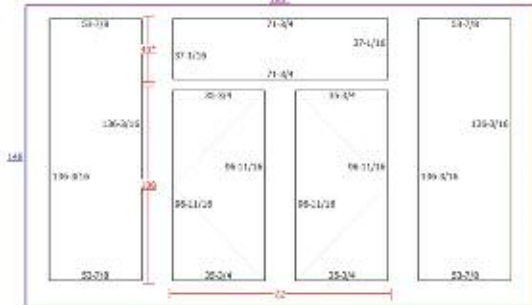
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada



CRL Storefronts Online®

Automated Estimating Software

- Designed to Save Glazing Contractors Time and Money
- The Only Comprehensive Software on the Market That Accommodates Both "All-Glass" and Aluminum Framed Systems
- Designed Specifically With the Glazier in Mind, the Easy-to-Use Interface Produces a Complete Quote Package Instantly
- Determines All Materials Required and Optimizes Material Yield Across Your Entire Project
- Produces Glass Sizes, Installation Sheets, Cutting List and Material Fabrication Details
- Generates a Professional Bid Package With Your Company Logo for Presentations to Clients and Architects
- Works on All Computers and Mobile Platforms, Including Tablets
- Generates Everything You Need to Design, Quote, Order, Fabricate, and Install 'All-Glass' Entrances and Building Envelope Systems Faster Than Ever



Is This Program Right for You?

- Do you quote and install commercial entrances, storefronts, or curtain walls?
- Do you need assistance with designing safe architectural systems?
- Do you require professional drawings and visual aids for your proposals?
- Do you want to grow your business and expand your technical capabilities?

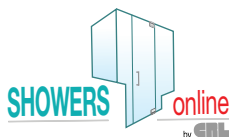
If YES, then go to crlaurence.com/sfol to attend a webinar and receive your FREE 30-day trial.

Our powerful Storefronts Online® estimating software now includes 'All-Glass' Entrances, U.S. Aluminum Framed Storefronts, Curtain Walls, Office Partitions, and Sliding Systems.

Storefronts Online® is a one-stop-shop that allows you to design and build commercial entrances, storefronts, and curtain walls faster than ever. This innovative program expedites the bidding process, minimizes errors on estimates, and generates accurate quote packages in a matter of clicks, enabling you to quote more jobs in less time. For added savings, our popular 2% online ordering discount is now available on Storefronts Online®. When you purchase through Storefronts Online®, the 2% discount will be automatically applied to all qualifying materials.

This easy-to-learn, easy-to-use software will convert even your newest crew member into an estimating pro. Be among the many benefitting from the capabilities of Storefronts Online®. Go to crlaurence.com/SFOL or contact Architectural Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask about how you can receive a FREE 30-day trial.

Also Available from CRL:





Glass Entrance Systems For Herculite™ + Doors

PAGES
109Z - 252Z

Aluminum Extrusions

Blumcraft® Entrance
Doors and Sidelites

Door Rail Systems

Entice® Series
Entrance Systems **NEW!**

Glass Bracing Clamps **NEW!**

Glazing Gaskets

Hat Channels

Headers **NEW!**

Laguna Series Pivot
Door Systems

Locks and Keepers

Mall Front Clamps

Mechanical Glazing Channels **NEW!**

Monolithic and Laminated
Tempered Glass **NEW!**

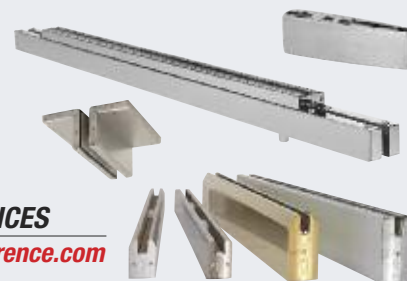
Patch Hardware for
Doors and Sidelites **NEW!**

Sidelite Rails

Transom Systems

U-Channels (Wet and Dry Systems)

Wedge Lock® Glass Securing System



MORE CHOICES
crlaurence.com

Herculite is a registered trademark of PPG Industries, now Vitro

CRL
ALUMINUM
crlaurence.com • usalum.com

These products and more can be found in this catalog section. On the top and 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 **More Choices** in that category. To view **More Choices**, simply click on the red and white icon to be taken to a larger selection.

SECTION 1 INTRODUCTION

MORE CHOICES
crlaurence.com/commercial-hardware

CRL DRS Door Rails, Sidelite Rails, and U-Channels

PAGES 110Z-160Z

- Patented Wedge-Lock® Securing and Kwik-Adjust™ Alignment Systems
- Low Profile Door Rails
- Full Length Door Rails
- Patch Door Rails
- Matching Sidelite Rails
- Shallow, Regular, and Combination U-Channels
- Mechanical Glazing Channel



CRL Headers, and Accessories for 'All-Glass' Entrance Systems

PAGES 161Z-175Z

- Stock Headers for Overhead Concealed Closers
- Custom Headers
- Door Rail Locks and Keepers
- Weatherstrip Kits
- Floating Headers
- Hat Channel Headers
- Mortise Cylinders



CRL Entice®, Blumcraft®, and Laguna Series Doors

PAGES 176Z-192Z

- Entice® Series Thermal Performance Entrances
- Blumcraft® 1301 Doors and Sidelites
- Blumcraft® 1301 Display Case Doors and Sidelites
- Blumcraft® 1200 Series Doors
- Blumcraft® 150/250 Series Doors and Sidelites
- Laguna Series Pivot Door System



CRL Commercial Patch Hardware and Heavy Glass Door Hinges

PAGES 193Z-235Z

- Commercial Patch Hardware
- North American and European Patch Door Kits
- Top Door Patches
- Bottom Door Patches
- Transom Patches
- Curved Patches
- Atlas Wall Mount Hinge
- Vernon Hydraulic 'All-Glass' Wall and Glass-to-Glass Hinges



CRL Center and Lever Locks

PAGES 236Z-249Z

- Center Locks
- Lever Locks and Handles
- Glass Mounted Latches and Keepers
- Keyed Cylinders
- Glass Mounted Slip-On Patch Locks



CRL Mall Clamps and Glass Clamps

PAGES 250Z-252Z

- Wall Mount Square and Round Clamps
- 90, 135, and 180 Degree Square and Round Glass-to-Glass Clamps
- Mini Mall Front Clamps
- Clear Acrylic Clamps
- Glass Bracing Clamps



go to crlaurence.com to search for

commercial-hardware

Search

or enter the Catalog Number for complete product information

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

CRL
US ALUMINUM

CRL Monolithic Tempered Glass

NEW!

- For Use With CRL's 'All-Glass' Entrance Systems
- All Glass Panels Ship Cut and Tempered, Ready to Install
- Clear Tempered and Low Iron (Starphire) Glass Types Available
- Custom Sizes, Fabrication, Drilling, and Edge Work Available

Designed for interior and exterior glass entrance applications, these glass panels are fabricated and tempered in accordance with Federal Specifications: ANSI Z97.1, CPSC 16, and CFR 1201 standards.

Wood crating charges apply (maximum 1500 pounds [680 kg] per crate). Contact CRL's Architectural Technical Sales for more information at (800) 421-6144 (U.S.), (877) 421-6144 (Canada), or (323) 588-1281 (International). Ask for Ext. 7700. You can also send email to architectural@crlaurence.com.

NOTE: Check your local building codes for glass type required.

Clear Monolithic Tempered

Low Iron Starphire® Monolithic Tempered

- Proudly Produced in the U.S.A.

Standard Edge Work

3/8" (10 MM) THICK CLEAR AND LOW IRON STARPHIRE® TEMPERED GLASS

CAT. NO.	SIZE	DESCRIPTION
MG10CC	Custom Size (Specify)	Clear Tempered
MG10LC	Custom Size (Specify)	Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

1/2" (12 MM) THICK CLEAR AND LOW IRON STARPHIRE® TEMPERED GLASS

CAT. NO.	SIZE	DESCRIPTION
MG12CC	Custom Size (Specify)	Clear Tempered
MG12LC	Custom Size (Specify)	Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

5/8" (15 MM) THICK CLEAR AND LOW IRON STARPHIRE® TEMPERED GLASS

CAT. NO.	SIZE	DESCRIPTION
MG15CC	Custom Size (Specify)	Clear Tempered
MG15LC	Custom Size (Specify)	Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

3/4" (19 MM) THICK CLEAR AND LOW IRON STARPHIRE® TEMPERED GLASS

CAT. NO.	SIZE	DESCRIPTION
MG19CC	Custom Size (Specify)	Clear Tempered
MG19LC	Custom Size (Specify)	Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

CRL Laminated Tempered Glass

NEW!

- Laminated Clear Tempered and Low Iron Starphire® Glass Types Available
- Flat Polished Edges With CRL's "Precise Edge" Technology
- Custom Sizes, Fabrication, and Edge Work Available

CRL's Laminated Glass Panels for glass entrance applications meet the test criteria of ASTM C1172, ANSI Z97.1, CPSC 16, and CFR1201 standards, and are produced with a rigid Ionoplast™ interlayer. Our "Precise Edge" Technology dramatically improves the edge quality of laminated glass and gives each flat polished edge a consistent clean look and feel. Custom sizes, fabrication, and edge work is available. Wood crating charges apply (maximum 1500 pounds [680 kg] per crate). Contact CRL's Architectural Technical Sales for more information. **NOTE:** Check your local building codes for glass type required.

Clear Laminated Tempered

Low Iron Starphire® Laminated Tempered

- Proudly Produced in the U.S.A.

Precise Edge Technology

9/16" (13.52 MM) THICK CLEAR AND LOW IRON STARPHIRE® LAMINATED TEMPERED GLASS

CAT. NO.	SIZE	DESCRIPTION
LG13CC	Custom Size (Specify)	Laminated Clear Tempered
LG13LC	Custom Size (Specify)	Laminated Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

11/16" (17.52 MM) THICK CLEAR AND LOW IRON STARPHIRE® LAMINATED TEMPERED GLASS

CAT. NO.	SIZE	DESCRIPTION
LG17CC	Custom Size (Specify)	Laminated Clear Tempered
LG17LC	Custom Size (Specify)	Laminated Low Iron Starphire® Tempered

Minimum order: 1 each. Boxing and crating charges will apply for all orders.

Starphire® is a registered trademark of PPG Industries Ohio, Inc.

go to crlaurence.com to search for

glass

Search

or enter the Catalog Number for complete product information

109Z

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

CRL
ALUMINUM

CRL DRS DOOR RAIL SYSTEM

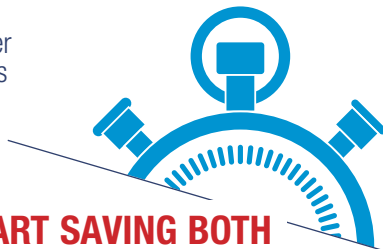
Our Most Popular 'All-Glass' Entrance System

Entrance Systems constructed using our Wedge-Lock® Door and Sidelite Rail System deliver the strength and utility you want while offering a wide variety of sizes and finishes. Standard 2-5/16", 4", 6", and 10" (59, 102, 152, and 254 mm) Rails and Sidelites can be combined with optional cladding in beautiful architectural finishes that will be right at home with any 'All-Glass' Storefront Entrance. The Wedge-Lock® Glass Securing System assures steadfast holding power for doors in high traffic areas. Dry glazing aids in rapid installation because the use of messy cements is not required, and doors can be ready for use immediately after installation. Doors can be secured by full length or patch length Rails and mated to overhead or floor mounted closers. Adjustments can be made without removing the doors.

We offer the most comprehensive Door and Sidelite Rail program in the industry. Wedge-Lock® Door and Sidelite Rails come in sizes for 3/8", 1/2", 5/8", and 3/4" (10, 12, 16, and 19 mm) thick tempered glass in up to eight standard architectural finishes. Custom finishes can also be provided. Patented Wedge-Lock® Door and Sidelite Rails are the solution when you want to specify a system that has been tried and tested.

CRL DRS 'All-Glass' Door Rail System Features

- The Most Comprehensive Door and Sidelite Rail System in the Industry
- For 3/8" to 3/4" (10 to 19 mm) Tempered Glass
- Patented Wedge-Lock® Glass Securing System
- Independently Tested to Over 1,000,000 Operating Cycles
- Six Standard Profiles With Up to Eight Standard Architectural Finishes Available
- Complete Line of Accessories to Accommodate a Variety of Unique Herculite™ + Style Door Installations

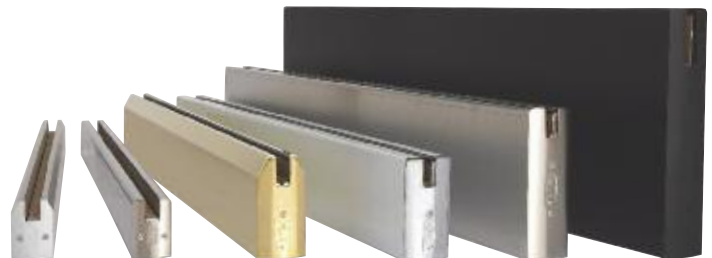


TIME IS MONEY, START SAVING BOTH

- Door Assembly Can Be Ready for Installation in Less Than 10 Minutes
- Broken Door Glass Can Be Easily Replaced at the Job Site in Less Than 30 Minutes
- Same Day Shipping On Our Most Popular Door Rails
- Custom Sizes and Finishes Available in 3-5 Business Days
- Systems are Supported by CRL's Storefronts Online® Program (See Page 108Z), Allowing You to Bid More Jobs In Less Time

Learn More at crlaurence.com/DRS

Herculite is a registered trademark of PPG Industries, now Vitro



go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

110Z

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



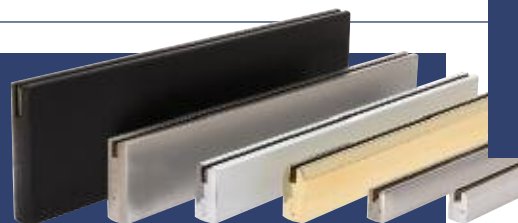
CRL DRS DOOR RAIL SYSTEM

Our Most Popular 'All-Glass' Entrance System



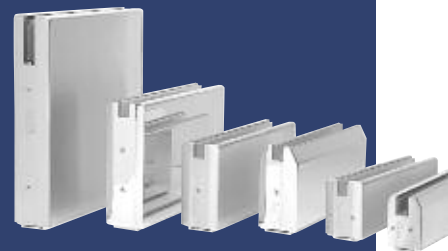
CRL DRS Dry Glaze Door Rails (Pages 116Z-140Z)

DRS Door Rails feature the patented Wedge-Lock® Glass Securing System, the fastest way to install or remove a Herculite™+ Door Rail in the industry. Stock Rails are available for will call or shipment from 40+ Service Centers across North America, Europe, and Australia, yielding the industry's fastest lead time.



CRL DRS Dry Glaze Sidelite Rails and U-Channels (Pages 142Z-160Z)

CRL Dry Glaze Sidelite Rails are available in profiles to match our DRS Door Rails, allowing you to maintain a perfect sightline for your 'All-Glass' entrance. CRL also offers a complete line of low profile U-channels for dry glaze or wet glaze installations.



CRL 'All-Glass' Entrance Systems Headers, and Accessories (Pages 161Z-174Z)

CRL offers a full line of stock size and custom Headers to accommodate a wide variety of DRS System applications, including glass mounted, and dropped ceiling installations. DRS Door Rail compatible Locking Hardware and Weatherization Hardware is also available.



CRL Glass-Mounted Handles and Access Control Handles (Pages 253Z-295Z)

A wide selection of Glass-Mounted Pull Handles, Locking Handles, and Access Control Handles are available to complete your 'All-Glass' Entrance System.



Exceptional Products. Exceptional Support.

CRL supports our extensive line of products with dedicated Technical Specialists who work directly with architects, specifiers, hardware consultants, and contractors to assist with hardware selection. CRL offers hardware options in a variety of designs, sizes, materials, and finishes to suit design aesthetics, application performance, and code accessibility/egress requirements. For technical assistance and product support, contact CRL Technical Sales at **(800) 421-6144** in the U.S., **(877) 421-6144** from Canada, or **(323) 588-1281** International, and ask for Ext. **7700**. You can also send an email to architectural@crlaurence.com.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

111Z

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

CRL
US ALUMINUM

CRL's DRS Door Rail System Features Our Patented Wedge-Lock® Glass Securing System and Our Unique Kwik-Adjust™ Pivot Alignment System

ARCHITECTURAL
SPECIFICATIONS



VIDEO



Our patented Wedge-Lock® Glass Securing System is now even better with the Kwik-Adjust™ Pivot Alignment System. The System 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.

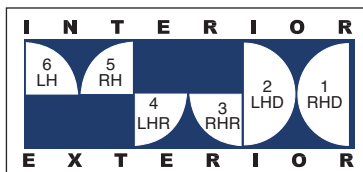
For additional information, go to crlaurence.com/door-rails or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.



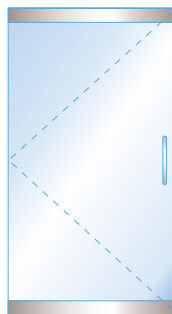
"Industry Standard" for Herculite™ + Style Doors

There are six basic 'all-glass' door styles typically referred to throughout the industry as Herculite™+ Doors. By identifying your basic door style and swing, it will help make clear what your intentions are for the particular project.

Door Swing Chart



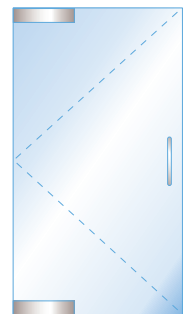
Standard Door Styles



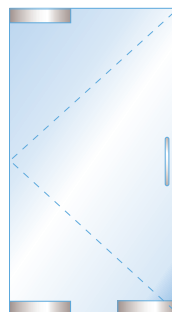
P



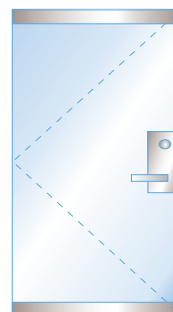
BP



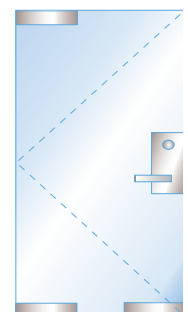
A



F



A-1



A-2

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

112Z

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



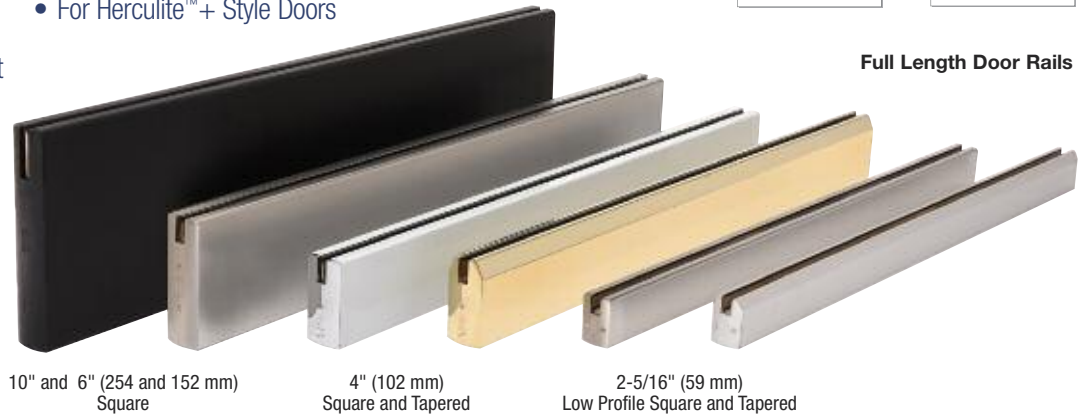
Features of the CRL Wedge-Lock® DRS Door Rail System

- 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

- For Herculite™ + Style Doors



Full Length Door Rails



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) Tempered 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 Business Days

How the Wedge-Lock® Glass Securing System Works

VIDEO



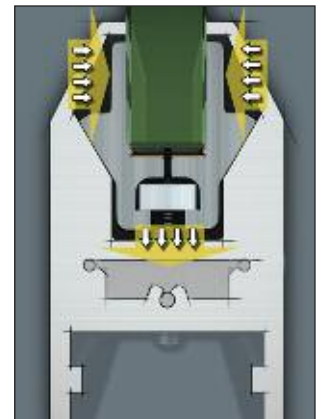
ARCHITECTURAL SPECIFICATIONS



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 bar. The flat 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.



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. Ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

Herculite is a registered trademark of PPG Industries, now Vitro



go to crlaurence.com to search for

door-rails

Search

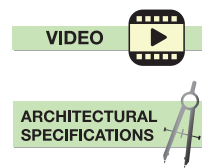
or enter the Catalog Number for complete product information

113Z

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

CRL
US ALUMINUM

Features of the CRL Wedge-Lock® DRS Door Rail Kwik-Adjust™ Pivot Alignment System



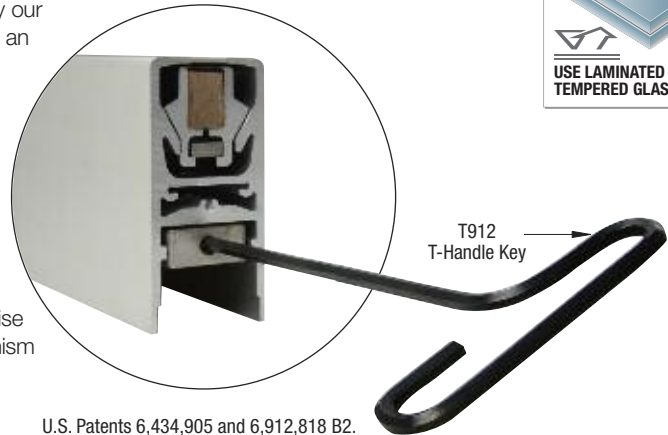
Vertical Jamb Alignment

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) tall 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 116Z.

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.



U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

To Adjust the Door Rail Towards the Jamb

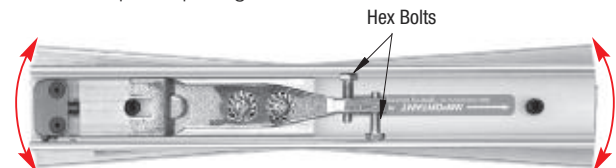
1. Remove the End Cap. This will reveal the adjustment screw.
2. Insert the T912 T-Handle Key into the screw and turn the screw counter-clockwise to the proper clearance from the jamb. A slight clicking noise may be heard. This sound is caused by our friction retention mechanism that will help prevent the screw from loosening out of alignment.
3. Replace the End Cap.



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 when you use our Door Rails, we can fabricate them for vertically out-of-square openings.

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.



Door centering is easily achieved by turning the two hex head bolts

ANA RECOMMENDED MAXIMUM INTERIOR OR EXTERIOR SWINGING DOOR SIZES

FULLY TEMPERED GLASS

GLASS THICKNESS GLASS WEIGHT		FULL LENGTH RAILS			PATCH FITTINGS		
		3/8" (10 MM) (5 LBS/SF)	1/2" (12 MM) (6.5 LBS/SF)	3/4" (19 MM) (10 LBS/SF)	3/8" (10 MM) (5 LBS/SF)	1/2" (12 MM) (6.5 LBS/SF)	3/4" (19 MM) (10 LBS/SF)
OVERHEAD CONCEALED CLOSER	WIDTH	36" (914 mm)	42" (1065 mm)	36" (914 mm)	36" (914 mm)	42" (1065 mm)	36" (914 mm)
	HEIGHT	84" (2130 mm)	108" (2740 mm)	84" (2130 mm)	84" (2130 mm)	102" (2590 mm)	84" (2130 mm)
	GLASS WEIGHT	105 lbs. (47.7 kg)	205 lbs. (93.2 kg)	210 lbs. (95.5 kg)	105 lbs. (47.7 kg)	194 lbs. (88.2 kg)	210 lbs. (95.5 kg)
FLOOR CLOSER	WIDTH	36" (914 mm)	48" (1220 mm)	48" (1220 mm)	36" (914 mm)	42" (1065 mm)	36" (914 mm)
	HEIGHT	84" (2130 mm)	108" (2740 mm)	120" (3048 mm)	84" (2130 mm)	102" (2590 mm)	96" (2440 mm)
	GLASS WEIGHT	105 lbs. (47.7 kg)	234 lbs. (106.4 kg)	400 lbs. (181.8 kg)	105 lbs. (47.7 kg)	194 lbs. (88.2 kg)	240 lbs. (109.1 kg)

Extracted, with permission, from Fully Tempered Heavy Glass Door and Entrance Systems Design Guide, copyright Glass Association of North America, 800 SW Jackson St Ste 812, Topeka, KS 66612.

The Benefits of Using CRL Wedge-Lock® DRS 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.

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.



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.



CAT. NO. DR6K

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).

6. 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, sold separately see pages 169Z-171Z.



BENEFIT: A key/key or key/thumbturn combination is easily accomplished by choosing the appropriate hardware.

Plus More ...

- Six Models of Stock Door Rails Ready to Ship
- Up to Eight Standard Architectural Finishes With Powder Coated and Custom Finishes Available

- Custom Size Door Rails Available
- Matching Sidelite Rails
- Door Rails for A.D.A. Applications



go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

115Z

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



CRL 2-5/16" Low Profile Tapered Shape Full Length Dry Glaze Door Rails

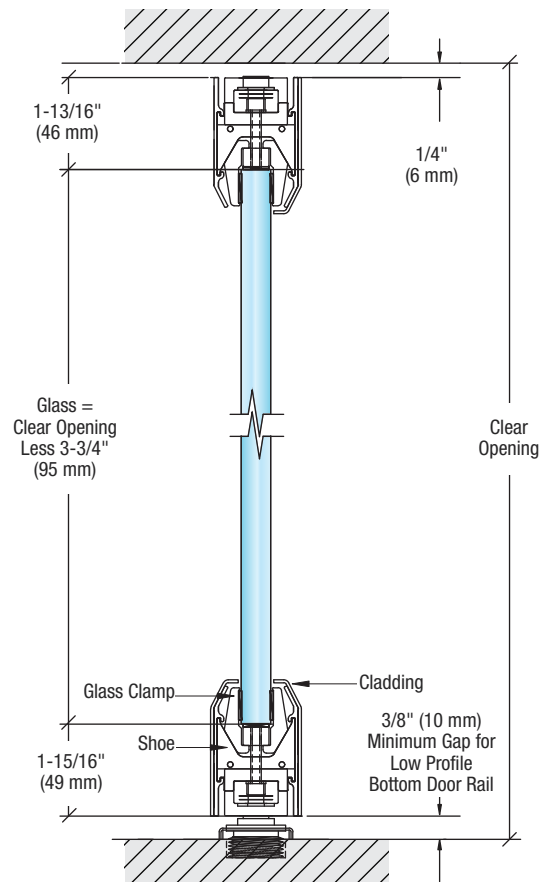
For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Door Styles
- A.D.A. Compliant - Verify With Local Code Official
- For Herculite™ + Style Doors

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



or



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 the enclosed 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).

Herculite is a registered trademark of PPG Industries, now Vitro



Figure 1



Figure 2



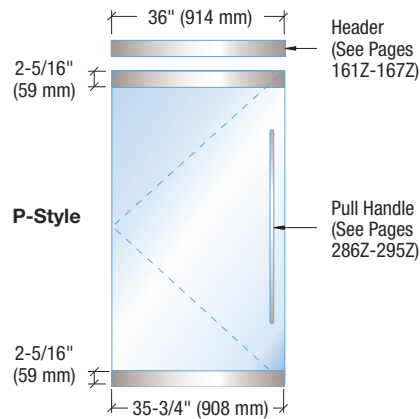
Figure 3

CRL 2-5/16" Low Profile Tapered Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

Ordering Information:

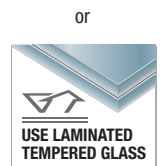
- End Caps are included with all Low Profile Door Rails. Door Rail length (including End Caps) must be specified when ordering Custom Length Rails.
- All Low Profile Door Rails are prepped to receive any of the Low Profile Door Rail Pivot Inserts shown below (sold separately).
- Installation instructions and adjustment wrenches are included.
- Works with **DRA5060** Mortise Cylinders only, see page 171Z.
- For Low Profile Patch Door Rails see page 195Z.
- For Replacement End Caps, go to crlaurence.com and search for **DREC2T**.
- For Herculite™+ Style Doors



2-5/16" (59 MM) 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. Laminated Glass thickness up to 0.531" (13.5 mm).



CUSTOM LENGTH 2-5/16" (59 MM) 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
DR2TSB38C	DR2TSB38CL	DR2TSB12C	DR2TSB12CL	*Satin Brass
DR2TORB38C	DR2TORB38CL	DR2TORB12C	DR2TORB12CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness up to 0.531" (13.5 mm).



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see pages 114Z).

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

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

117Z

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

CRL
ALUMINUM

CRL 2-5/16" Low Profile Square Shape Full Length Dry Glaze Door Rails

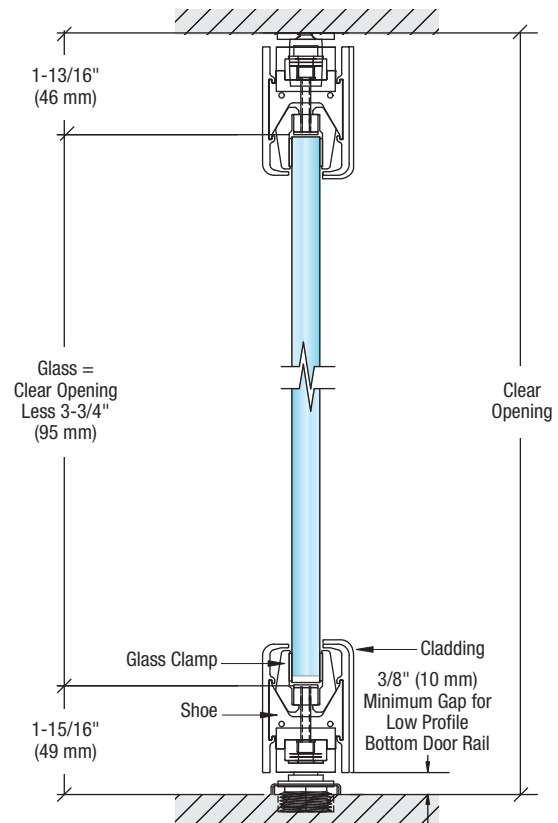
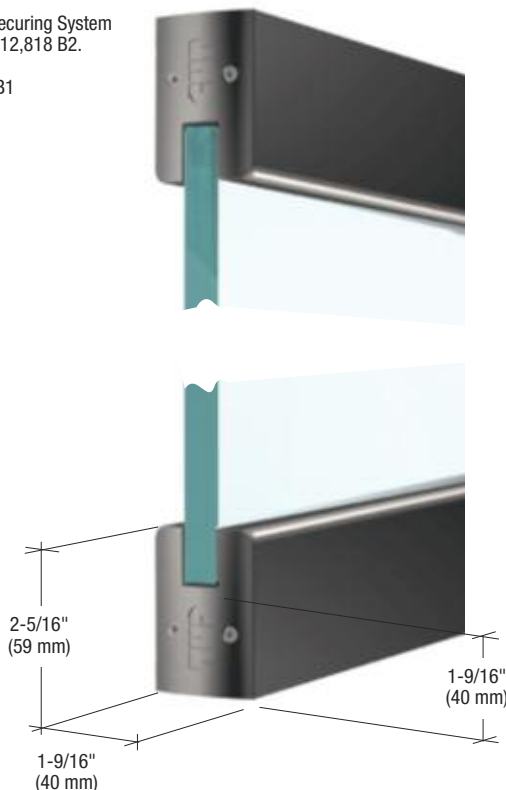
For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors

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



or



2-5/16" Low Profile Square Rails Clad or Non-Clad

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 the enclosed 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).

Herculite is a registered trademark of PPG Industries, now Vitro



Figure 1



Figure 2



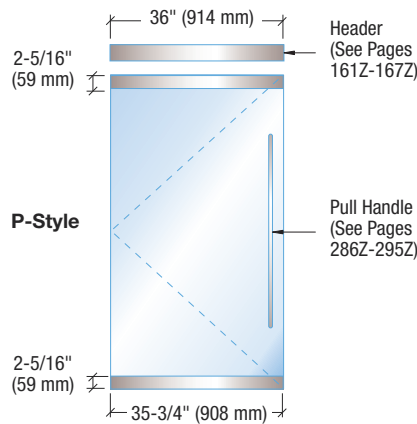
Figure 3

CRL 2-5/16" Low Profile Square Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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.
- Works with **DRA5060** Mortise Cylinder only, see page 171Z.
- For Low Profile Patch Door Rails see page 195Z.
- For Replacement End Caps, go to crlaurence.com and search for **DREC2S**.
- For Herculite™+ Style Doors



2-5/16" (59 MM) 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. Laminated Glass thickness up to 0.531" (13.5 mm).

CUSTOM LENGTH 2-5/16" (59 MM) 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
DR2SSB38C	DR2SSB38CL	DR2SSB12C	DR2SSB12CL	*Satin Brass
DR2SORB38C	DR2SORB38CL	DR2SORB12C	DR2SORB12CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness up to 0.531" (13.5 mm).

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

Herculite is a registered trademark of PPG Industries, now Vitro



or



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see pages 114Z).

CRL 4" Tapered Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- A.D.A. Compliant - Verify With Local Code Official
- For Herculite™ + Style Doors

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



or

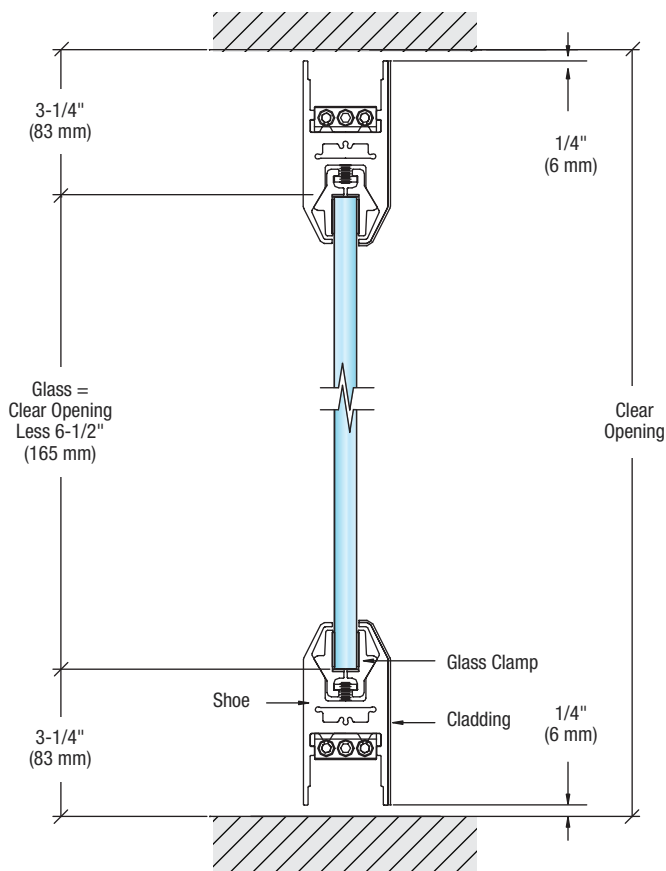


CRL Overhead Concealed Door Closer Packages

(See Pages 303Z-325Z)



Herculite is a registered trademark of PPG Industries, now Vitro



CRL Headers

(See Pages 161Z-167Z)

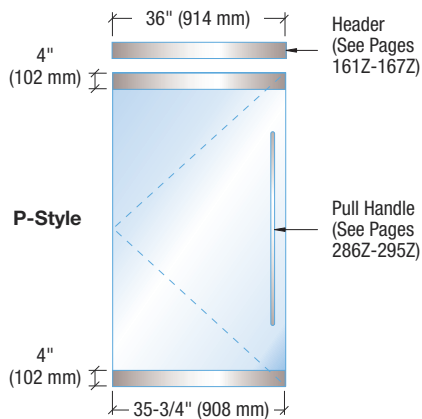


CRL 4" Tapered Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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 Herculite™+ Style Doors



4" (102 MM) 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
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



or



Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.421" (10.7 mm) to 0.563" (14.3 mm).

CUSTOM LENGTH 4" (102 MM) 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
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
DR4TSB38C	DR4TSB38CL	DR4TSB12C	DR4TSB12CL	*Satin Brass
DR4TORB38C	DR4TORB38CL	DR4TORB12C	DR4TORB12CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.421" (10.7 mm) to 0.563" (14.3 mm).



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see pages 114Z).

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

121Z

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



CRL 4" Square Shape Full Length Dry Glaze Door Rails

For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

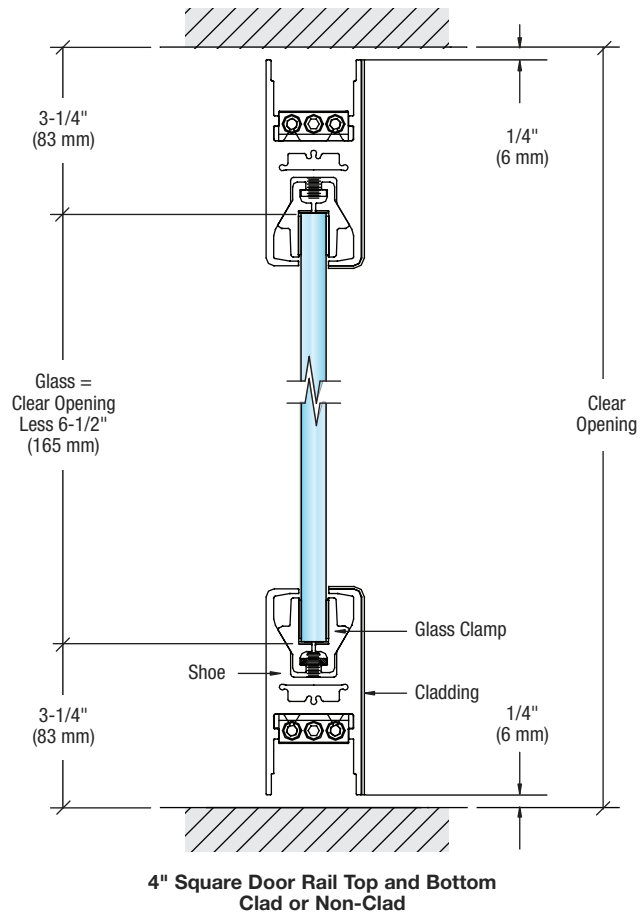
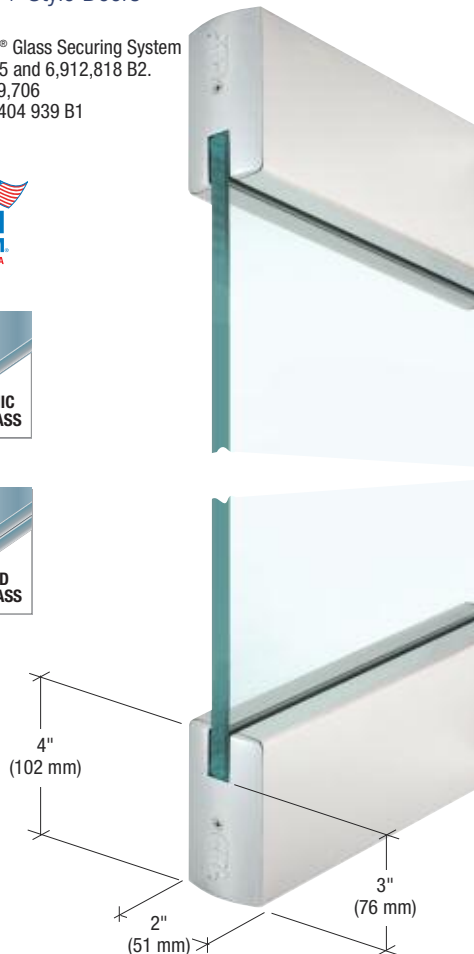
- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- NEW 41" (1041 mm) Stock Size Available
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors

NEW!

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



or



CRL Overhead Concealed Door Closer Packages

(See Pages 303Z-325Z)



CRL Headers

(See Pages 161Z-167Z)



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

122Z

or enter the Catalog Number for complete product information

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



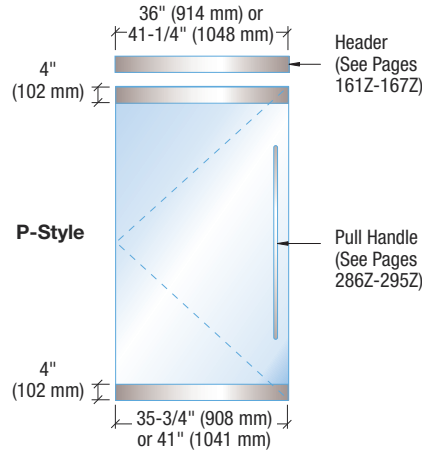
CRL 4" Square Shape Full Length Dry Glaze Door Rails



For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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 Herculite™+ Style Doors



4" (102 MM) 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
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. Laminated Glass thickness range is 0.421" (10.7 mm) to 0.563" (14.3 mm).

4" (102 MM) SQUARE DOOR RAILS 41" (1041 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
CDR4SSA12S	CDR4SSA12SL	Satin Anodized
CDR4SDU12S	CDR4SDU12SL	Black Bronze Anodized
CDR4SBS12S	CDR4SBS12SL	*Brushed Stainless
CDR4SPS12S	CDR4SPS12SL	*Polished Stainless

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.421" (10.7 mm) to 0.563" (14.3 mm).

CUSTOM LENGTH 4" (102 MM) 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
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
DR4SSB38C	DR4SSB38CL	DR4SSB12C	DR4SSB12CL	*Satin Brass
DR4SORB38C	DR4SORB38CL	DR4SORB12C	DR4SORB12CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.421" (10.7 mm) to 0.563" (14.3 mm).

Herculite is a registered trademark of PPG Industries, now Vitro



OR



NEW!



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see pages 114Z).

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

123Z

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



CRL 6" Square Shape Full Length Dry Glaze Door Rails

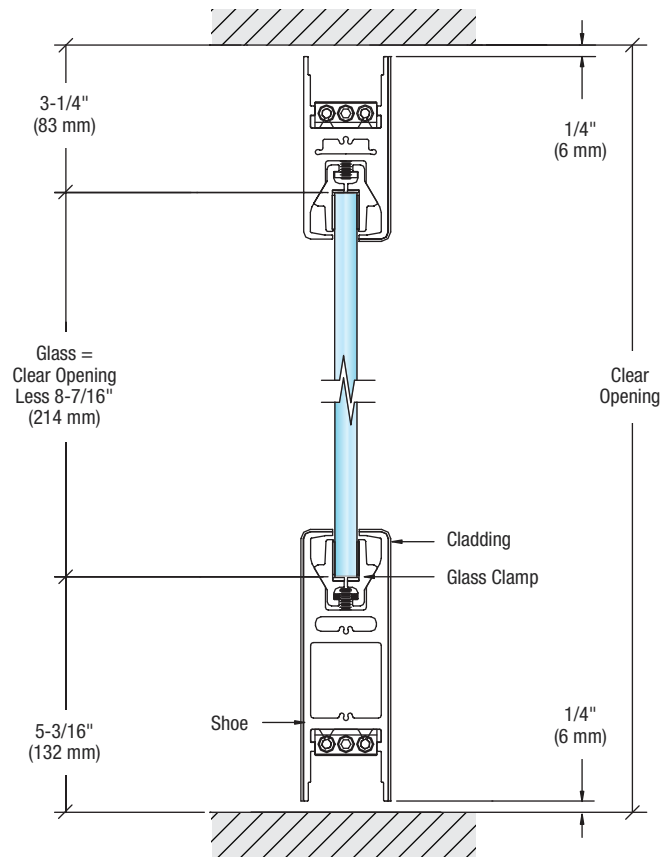
For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors

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



or



4" Square Door Rail Top Clad or Non-Clad;
6" Square Door Rail Bottom Clad Only

CRL Overhead Concealed Closer Packages

(See Pages 303Z-325Z)



CRL Headers

(See Pages 161Z-167Z)



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

124Z

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

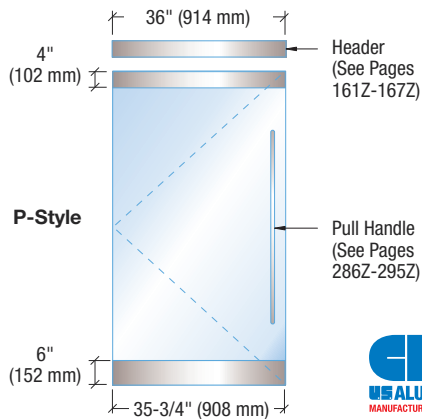


CRL 6" Square Shape Full Length Dry Glaze Door Rails

**For 3/8" or 1/2" (10 or 12 mm)
Tempered Glass**

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 Herculite™+ Style Doors



6" (152 MM) 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. Laminated Glass thickness range is 0.421 (10.7 mm) to 0.563 (14.3 mm).



or



CUSTOM LENGTH 6" (152 MM) 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
DR6SSB38C	DR6SSB38CL	DR6SSB12C	DR6SSB12CL	*Satin Brass
DR6SORB38C	DR6SORB38CL	DR6SORB12C	DR6SORB12CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.421 (10.7 mm) to 0.563 (14.3 mm).



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see pages 114Z).

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

125Z

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



CRL 10" Square Shape Full Length Dry Glaze Door Rails

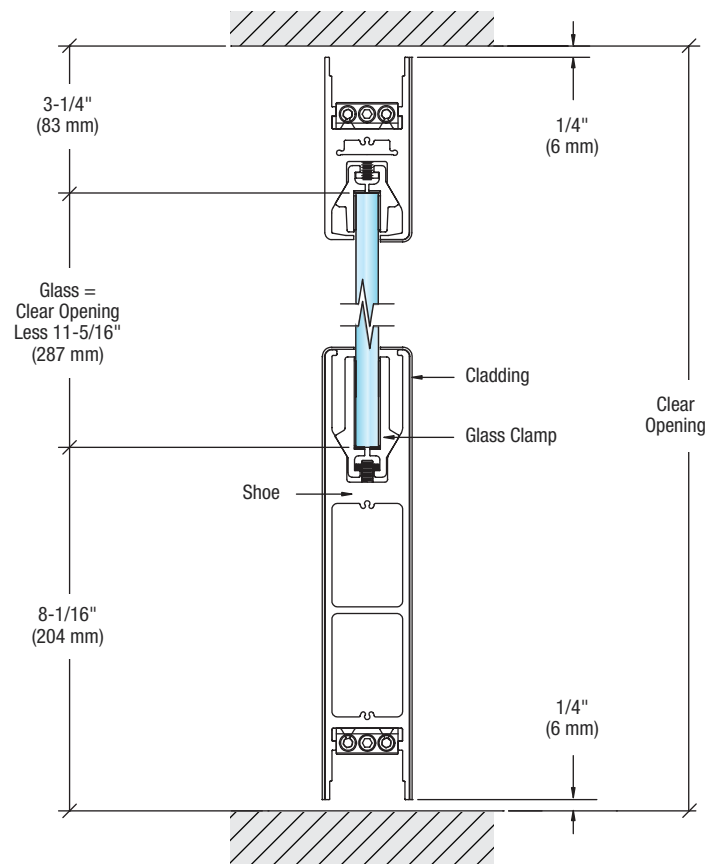
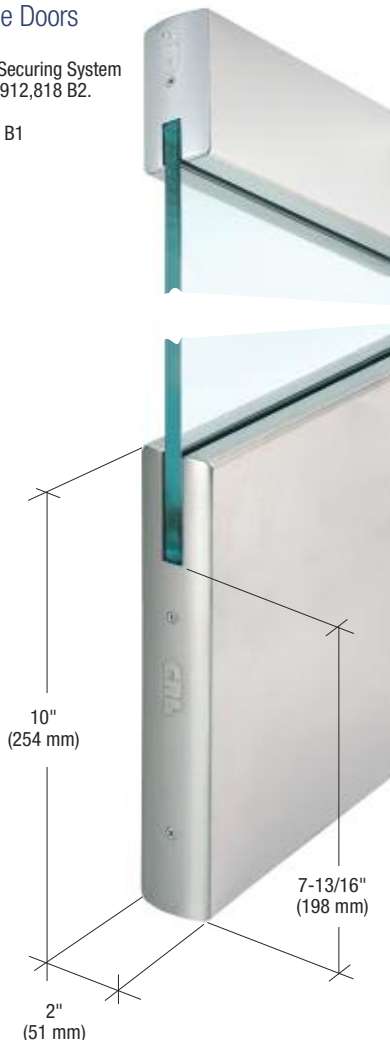
For 1/2" (12 mm) Tempered Glass

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors

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



or



4" Square Door Rail Top - Clad or Non-Clad;
10" Square Door Rail Bottom - Clad Only

CRL Overhead Concealed Closer Packages

(See Pages 303Z-325Z)



CRL Headers

(See Pages 161Z-167Z)



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

126Z

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

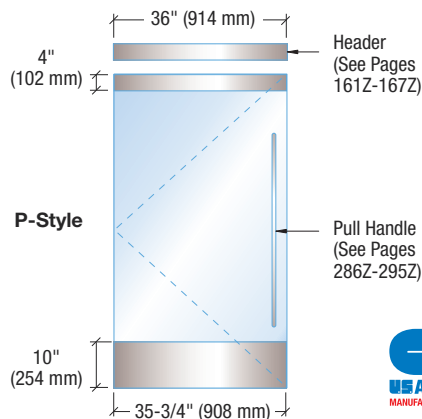


CRL 10" Square Shape Full Length Dry Glaze Door Rails

For 1/2" (12 mm) Tempered Glass

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 Herculite™+ Style Doors



10" (254 MM) 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

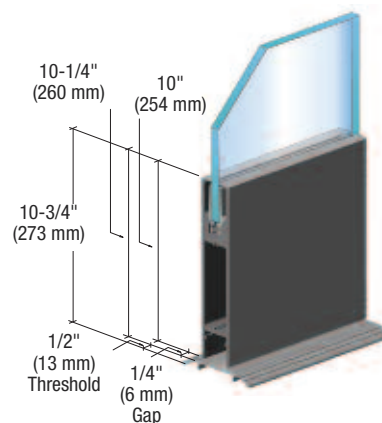
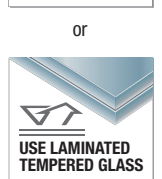
Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness is 0.563" (14.3 mm).

CUSTOM LENGTH 10" (254 MM) 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
DR10SSB12C	DR10SSB12CL	*Satin Brass
DR10S0RB12C	DR10S0RB12CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness is 0.563" (14.3 mm).

Herculite is a registered trademark of PPG Industries, now Vitro



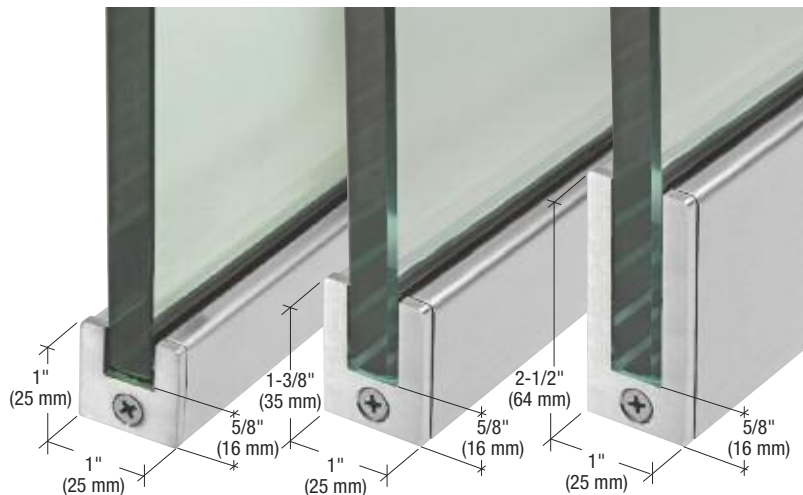
CRL 10" (254 mm) Square Shape Full Length Door Rails have been designed to meet requirements mandated under the 1998 Amendments to the ANSI A117.1 Guidelines and Standards for accessibility to buildings and facilities of people with disabilities. This section provides a 10" (254 mm) surface from the floor across the bottom of the door.

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

CRL Slender Profile Dry Glaze Door Rails

For 1/2" (12 mm) Tempered Glass

- Dry Glaze Slender Profile Door Rails Are Only 1" (25 mm) Wide
- Available in Three Heights With or Without a Lock
- In Stock Ready to Ship
- Designed for Interior Use Only
- Custom 1" (25 mm) Slender Profile Vertical Stiles Available on Special Order
- Brushed or Polished Stainless Steel Finishes
- For Herculite™ + Style Doors



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 (available in left and right handed models). 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 304 grade stainless steel for a durable, lasting finish. **NOTE:** Maximum door size is 42" x 108" (1067 x 2743 mm). Slender Profile Dry Glaze Door Rails are 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, SP1NT401 Top Pivot, 1NT402 Bottom Pivot, SP1NT403 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, you must choose a left or right handed Door Rail.
- 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 286Z-295Z.

Herculite is a registered trademark of PPG Industries, now Vitro



ARCHITECTURAL
SPECIFICATIONS



1" (25 MM) TALL SLENDER PROFILE DOOR RAILS 35-3/4" (908 MM) STANDARD LENGTH - STOCK MODELS READY TO SHIP

WITHOUT LOCK CAT. NO.	CLAD 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.	LEFT HAND WITH LOCK* CAT. NO.	RIGHT HAND WITH LOCK* CAT. NO.	CLAD FINISH
SP35BS12S	SP35BS12SL	SP35BS12SR	Brushed Stainless
SP35PS12S	SP35PS12SL	SP35PS12SR	Polished Stainless

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *CRL 7150 Series Cam Lock Included.

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.	LEFT HAND WITH LOCK* CAT. NO.	RIGHT HAND WITH LOCK* CAT. NO.	CLAD FINISH
SP64BS12S	SP64BS12SL	SP64BS12SR	Brushed Stainless
SP64PS12S	SP64PS12SL	SP64PS12SR	Polished Stainless

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *CRL 7150 Series Cam Lock Included.

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

128Z

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



CRL Slender Profile Dry Glaze Door Rails

For 1/2" (12 mm) Tempered Glass

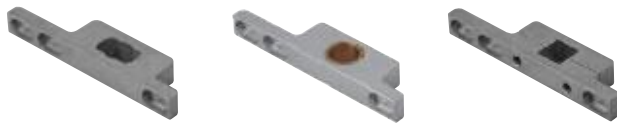
- Designed for Interior Use Only
- Custom Lengths and Finishes Available in 3-5 Business Days
- For Herculite™ + Style Doors

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. Maximum width for Slender Profile Door Rails is 42" (1067 mm) and the maximum weight is 205 pounds (93 kg). For interior use only and should be used with auxiliary stops. 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, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

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. *CRL 7150 Series Cam Lock.



CAT. NO. 1NT801 Bottom Pivot Insert **CAT. NO. 1NT803** Top Pivot Insert **CAT. NO. 1NT804** Top Closer Insert

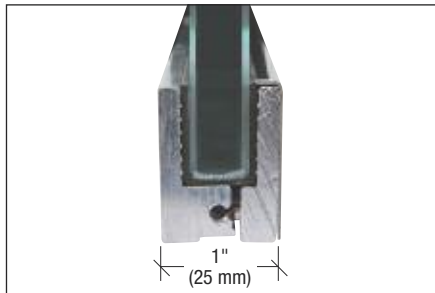
SLENDER PROFILE DOOR RAIL PIVOT INSERTS

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.



Dry Glaze Installation of Glass Allows for Field Adjustment and Replacement



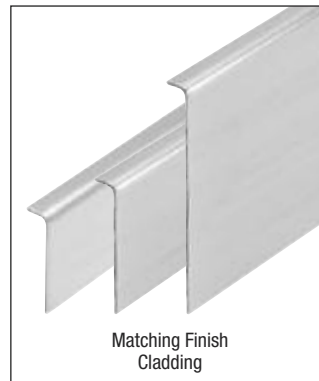
Slender Profile Door Rails are Only 1" (25 mm) Wide



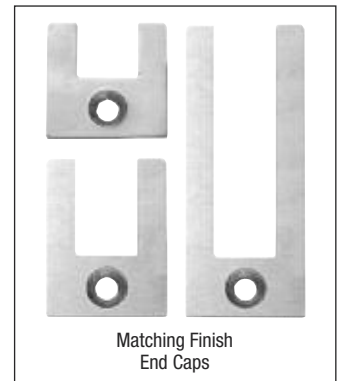
All Slender Profile Door Rails are Prepped to Receive Any of CRL's Slender Profile Door Rail Pivot Inserts (Sold Separately, See Above)



ARCHITECTURAL
SPECIFICATIONS



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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish.

CRL 4" Tapered Shape Full Length Dry Glaze Door Rails

For 5/8" or 3/4" (16 or 19 mm) Tempered Glass

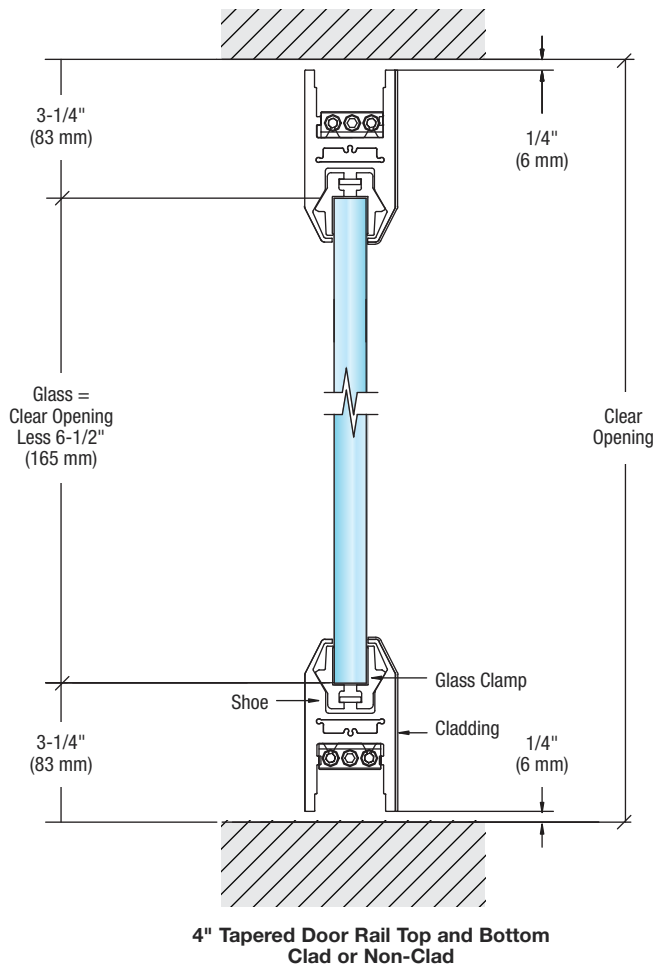
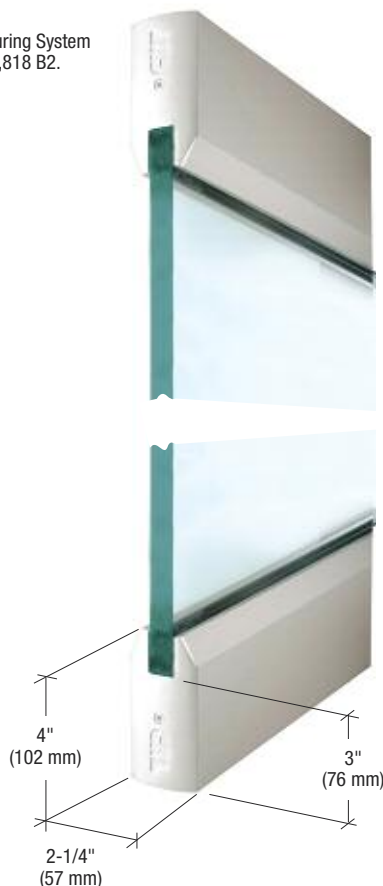
- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors
- A.D.A. Compliant-Verify With Local Code Official



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



or



CRL Overhead Concealed Closer Packages

(See Pages 303Z-325Z)



CRL Headers

(See Pages 161Z-167Z)



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

130Z

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

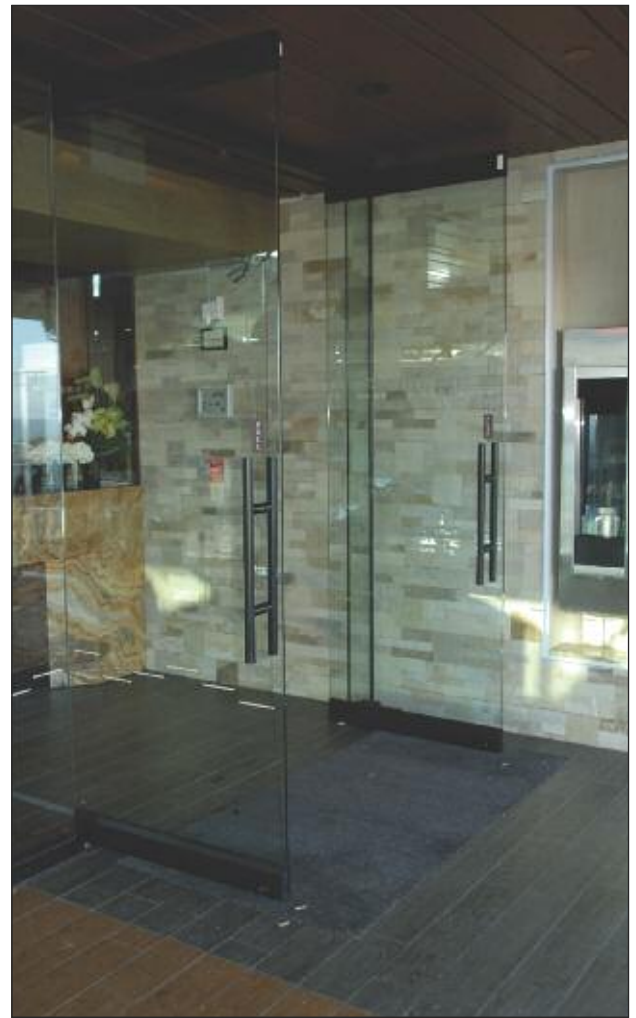
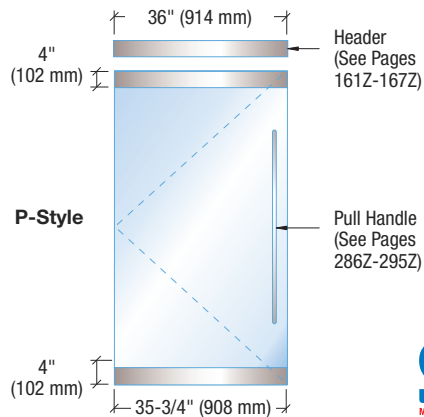


CRL 4" Tapered Shape Full Length Dry Glaze Door Rails

**For 5/8" or 3/4" (16 or 19 mm)
Tempered Glass**

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 Herculite™+ Style Doors



4" (102 MM) 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. Laminated Glass thickness range is 0.669" (17.0 mm) to 0.813" (20.6 mm).

CUSTOM LENGTH 4" (102 MM) 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
DR4TSB58C	DR4TSB58CL	DR4TSB34C	DR4TSB34CL	*Satin Brass
DR4TORB58C	DR4TORB58CL	DR4TORB34C	DR4TORB34CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.669" (17.0 mm) to 0.813" (20.6 mm).



or



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see pages 114Z).

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

131Z

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



CRL 4" Square Shape Full Length Dry Glaze Door Rails

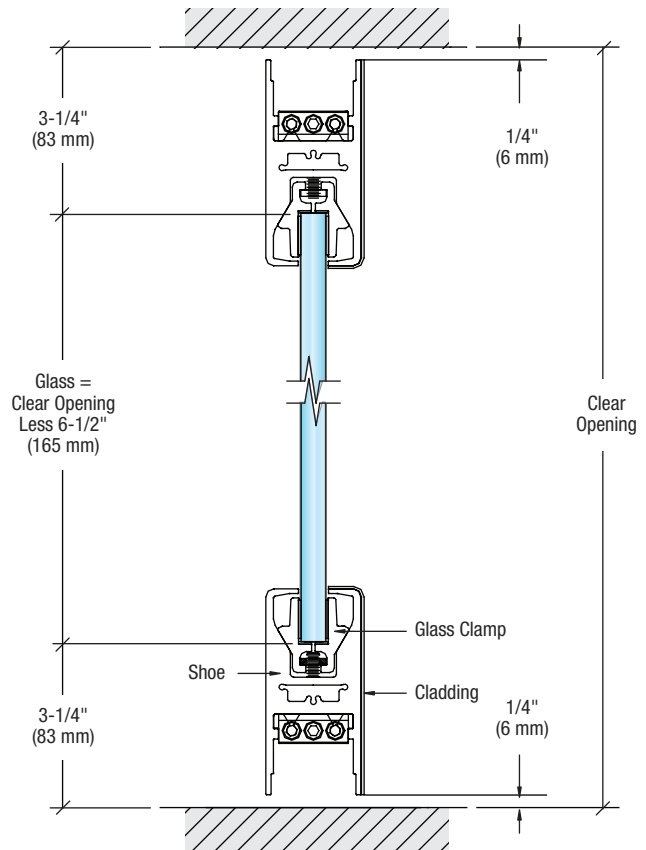
For 5/8" or 3/4" (16 or 19 mm) Tempered Glass

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors

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



or



4" Square Door Rail Top and Bottom Clad or Non-Clad

CRL Overhead Concealed Closer Packages

(See pages 303Z-325Z)



CRL Headers

(See pages 161Z-167Z)



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

132Z

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

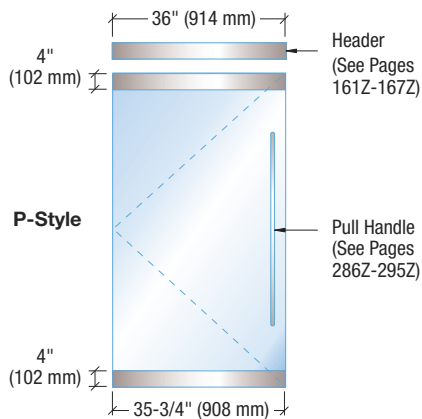


CRL 4" Square Shape Full Length Dry Glaze Door Rails

For 5/8" or 3/4" (16 or 19 mm) Tempered Glass

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 Herculite™+ Style Doors



4" (102 MM) 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. Laminated Glass thickness range is 0.669" (17.0 mm) to 0.813" (20.6 mm).

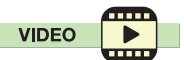
CUSTOM LENGTH 4" (102 MM) SQUARE DOOR RAILS (DOOR RAIL LENGTH, INCLUDING END CAPS, MUST BE SPECIFIED)

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
DR4SSB58C	DR4SSB58CL	DR4SSB34C	DR4SSB34CL	*Satin Brass
DR4SORB58C	DR4SORB58CL	DR4SORB34C	DR4SORB34CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.669" (17.0 mm) to 0.813" (20.6 mm).



or



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see pages 114Z).

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

133Z

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



CRL 6" Square Shape Full Length Dry Glaze Door Rails

For 5/8" or 3/4" (16 or 19 mm) Tempered Glass

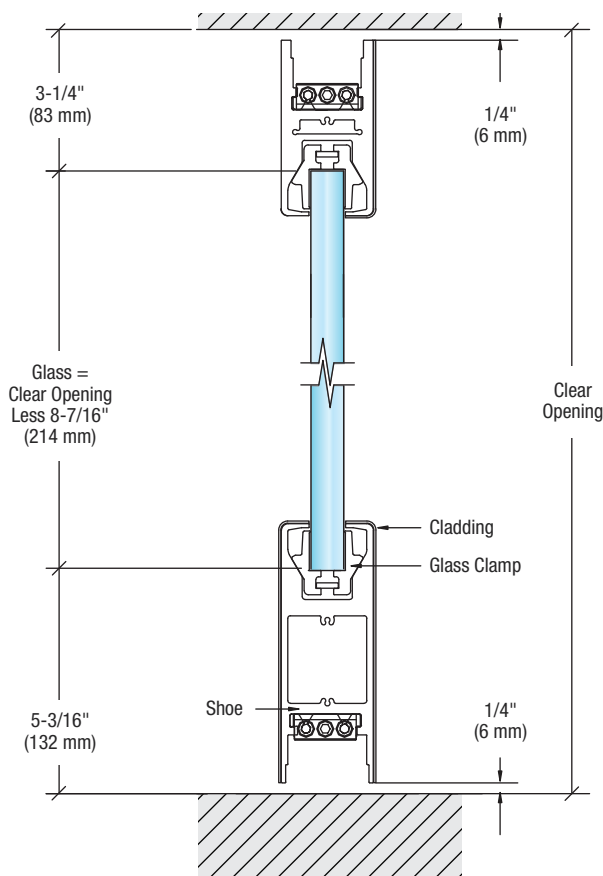
- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™+ Style Doors



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



or



4" Square Door Rail Top Clad or Non-Clad
6" Square Door Rail Bottom Clad Only

CRL Overhead Concealed Closer Packages

(See Pages 303Z-325Z)



CRL Headers

(See Pages 161Z-167Z)



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

134Z

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

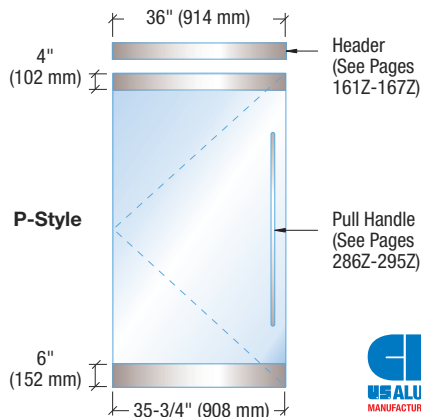


CRL 6" Square Shape Full Length Dry Glaze Door Rails

**For 5/8" or 3/4" (16 or 19 mm)
Tempered Glass**

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 Herculite™+ Style Doors



6" (152 MM) 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. Laminated Glass thickness range is 0.669" (17.0 mm) to 0.813" (20.6 mm).

CUSTOM LENGTH 6" (152 MM) 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
DR6SSB58C	DR6SSB58CL	DR6SSB34C	DR6SSB34CL	*Satin Brass
DR6S0RB58C	DR6S0RB58CL	DR6S0RB34C	DR6S0RB34CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.669" (17.0 mm) to 0.813" (20.6 mm).



or



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

135Z

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



CRL 10" Square Shape Full Length Dry Glaze Door Rails

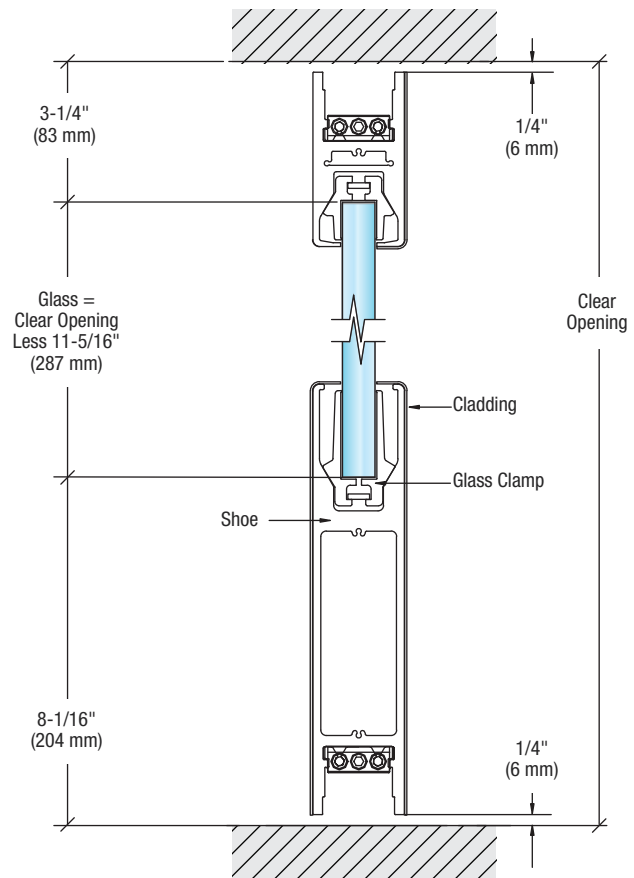
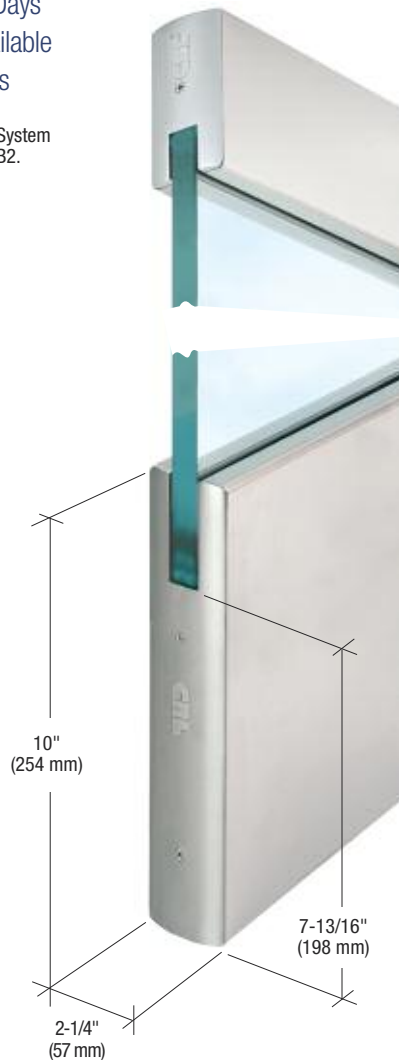
For 5/8" or 3/4" (16 or 19 mm) Tempered Glass

- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Up to Eight Standard Architectural Finishes
- Custom Sizes and Finishes Also Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors

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



or



**4" Square Door Rail Top Clad or Non-Clad;
10" Square Door Rail Bottom Clad Only**

CRL Overhead Concealed Closer Packages

(See Pages 303Z-325Z)



CRL Headers

(See Pages 161Z-167Z)



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

136Z

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

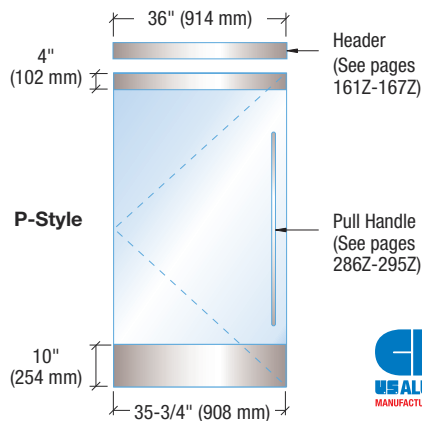


CRL 10" Square Shape Full Length Dry Glaze Door Rails

For 5/8" or 3/4" (16 or 19 mm) Tempered Glass

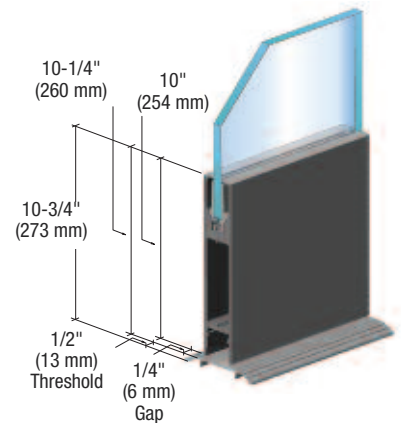
Ordering Information:

- 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 **DREC10**.
- For Herculite™ + Style Doors



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 (see page 114Z).



10" (254 MM) 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. Laminated Glass thickness range is 0.669" (17.0 mm) to 0.813" (20.6 mm).

CUSTOM LENGTH 10" (254 MM) 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
DR10SSB58C	DR10SSB58CL	DR10SSB34C	DR10SSB34CL	*Satin Brass
DR10S0RB58C	DR10S0RB58CL	DR10S0RB34C	DR10S0RB34CL	*Oil Rubbed Bronze

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.669" (17.0 mm) to 0.813" (20.6 mm).



or



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

137Z

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

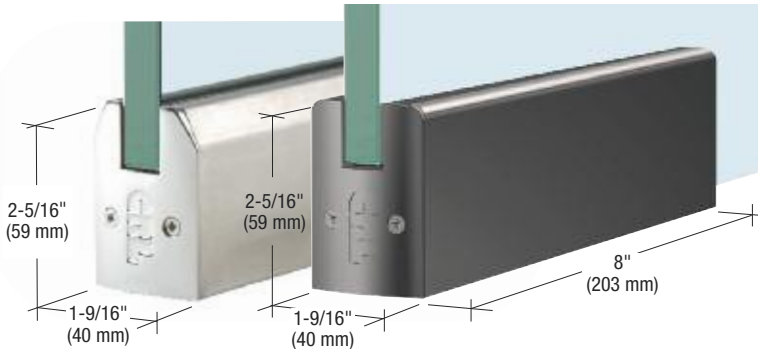


CRL 'ALL-GLASS' ENTRANCE SYSTEMS

MORE CHOICES
crlaurence.com/door-rails

CRL 2-5/16" Low Profile Dry Glaze Patch Door Rails

For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



Tapered Style

Square Style



Notch Required in Glass.
Template available at
crlaurence.com.



- Patented Wedge-Lock® Glass Securing System
- In Stock Ready to Ship
- Adjust and Align Doors Without Removal
- Available With or Without Locks
- Available in Eight Standard Architectural Finishes, With Custom Finishes Available in 3-5 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors

2-5/16" (59 MM) 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. Laminated Glass thickness up to 0.531" (13.5 mm).

2-5/16" (59 MM) 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. Laminated Glass thickness up to 0.531" (13.5 mm).

Herculite is a registered trademark of PPG Industries, now Vitro



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:

- CRL recommends that rigid Ionoplast™ interlayer must be used with laminated tempered glass.
- End Caps are included with all Low Profile Patch Door Rails.
- Works with **DRA5060** Mortise Cylinders only (see page 171Z).
- 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 Standard End Caps or **DRSEC2** for the Split End Caps.
- For Handles see pages 286Z-295Z.
- For additional Patch Fittings see pages 195Z-232Z.

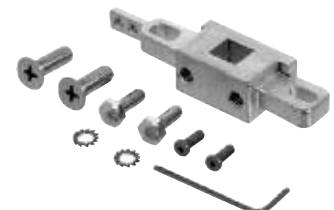
NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).



or



CAT. NO. 1NT703
Top Pivot Insert



CAT. NO. 1NT704
Top Closer Insert



CAT. NO. 1NT701
Bottom Pivot Insert

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

138Z

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

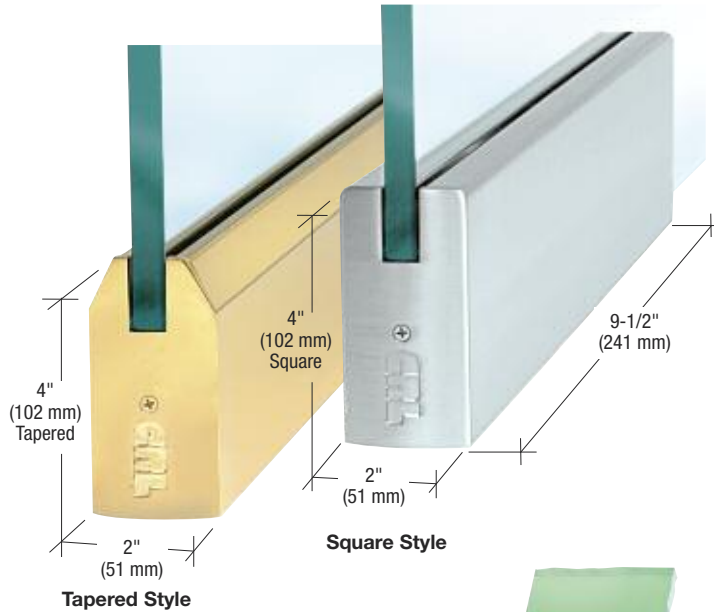


CRL 'ALL-GLASS' ENTRANCE SYSTEMS

MORE CHOICES
crlaurence.com/door-rails

CRL 9-1/2" Dry Glaze Patch Door Rails

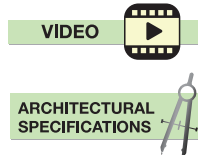
For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



- 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 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors



Notch Required in Glass.
Template available at
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

Ordering Information:

- CRL recommends that rigid Ionoplast™ interlayer must be used with laminated tempered glass.
- All Patch 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 Standard End Caps or **DRSEC4** for the Split End Caps.
- For Handles see pages 286Z-295Z.
- For additional Patch Fittings see pages 195Z-232Z.



USE MONOLITHIC
TEMPERED GLASS

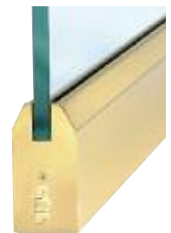


USE LAMINATED
TEMPERED GLASS

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

4" (102 MM) 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



4" Tapered

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.421" (10.7 mm) to 0.563" (14.3 mm).

4" (102 MM) 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



4" Square

Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range is 0.421" (10.7 mm) to 0.563" (14.3 mm).

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

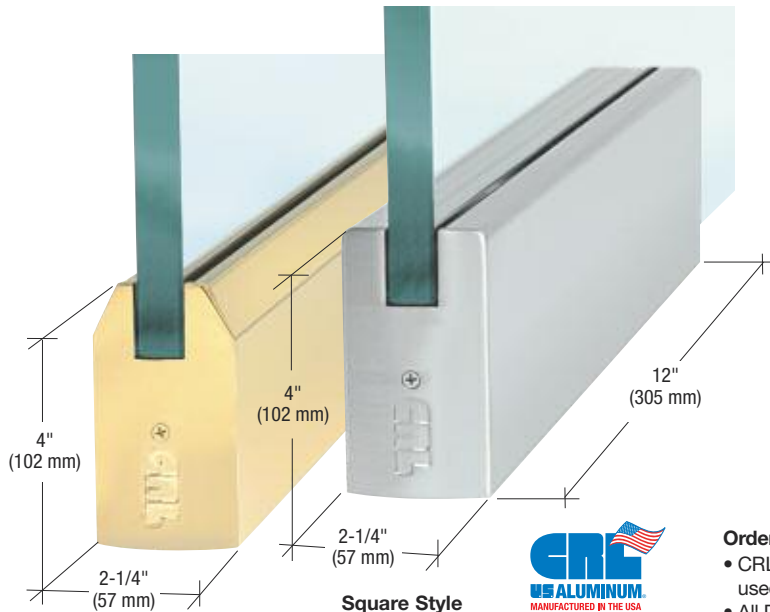
139Z

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



CRL 12" Dry Glaze Patch Door Rails

For 5/8" or 3/4" (16 or 19 mm) Tempered Glass

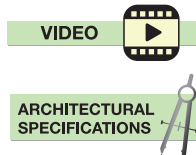


Tapered Style

Square Style



Notch Required in Glass.
Template available at
crlaurence.com.



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

- 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 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors



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:

- CRL recommends that rigid Ionoplast™ interlayer must be used with laminated tempered glass.
- 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 Standard Caps and **DRSEC4** for the Split End Caps.
- For Handles see pages 286Z-295Z.
- For Additional Patch Fittings see pages 195Z-232Z.

4" (102 MM) 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. Laminated Glass thickness range is 0.669 (17.0 mm) to 0.813" (20.6 mm).

4" (102 MM) 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. Laminated Glass thickness range is 0.669 (17.0 mm) to 0.813" (20.6 mm).

Herculite is a registered trademark of PPG Industries, now Vitro



4" Tapered

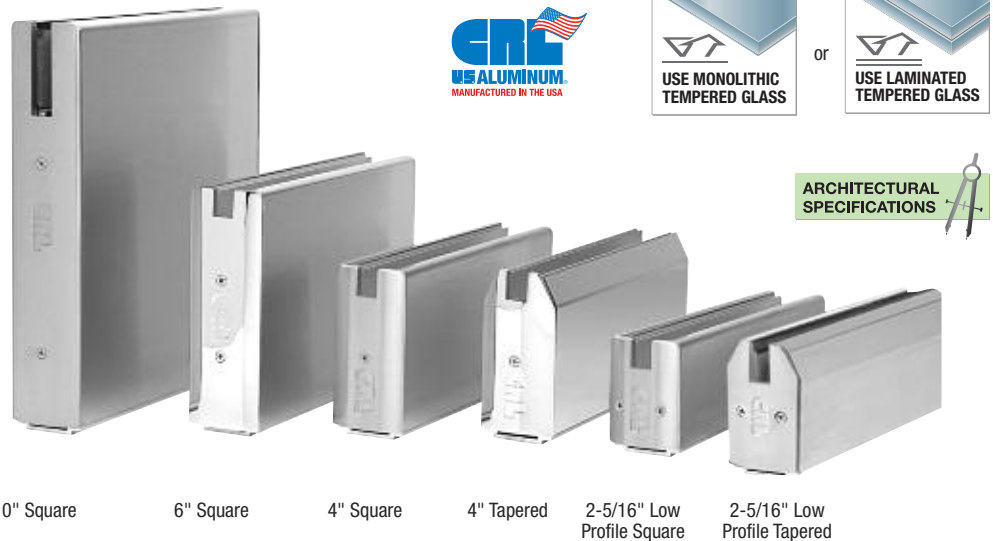


4" Square

CRL Sidelite Rails With Top Load Roll-In Gasket

(See Pages 142Z - 151Z)

- Six Styles in Up to Eleven Architectural Finishes
- Sidelite Rails Match Door Rails for an Even Sightline
- Models for 3/8", 1/2", 5/8 and 3/4" (10, 12, 16, and 19 mm) Tempered Glass



10" Square

6" Square

4" Square

4" Tapered

2-5/16" Low Profile Square

2-5/16" Low Profile Tapered

CRL U-Channels

- A Cost Effective Alternative to Sidelite Rails, Ideal for Longer Runs
- Dry Glaze, or Wet Glaze Options
- Models For 3/8", 1/2", 5/8", and 3/4" (10, 12, 16, and 19 mm) Tempered Glass
- Up to Six Architectural Finishes
- Ready-to-Ship Stock Lengths Up to 240" (6.10 m)

CRL Regular, Shallow, and Wide U-Channels With Top Load Roll-In Gaskets

(See Pages 152Z - 155Z)

- Used as a Narrow Header With Door Rail, Narrow Header With Sidelite Rail, or as a Wide U-Channel for Top and Bottom of Sidelites
- Six Standard Architectural Finishes
- Can Be Surfaced Mounted or Recessed for a Truly 'All-Glass' Look
- Uses Top Load Roll-in-Gasket for 3/8" or 1/2" (10 or 12 mm) and 5/8" or 3/4" (16 or 19 mm) Tempered Glass



CRL Wet/Dry U-Channels

(See Pages 156Z - 157Z)

- Three Standard Heights: 1", 1-1/2", and 2" (25, 38, and 51 mm)
- Glass Can Be Secured With Silicone Sealant or Our Top Load Roll-In Glazing Gaskets
- The Smallest Profile U-Channel for Glazing 3/8" or 1/2" (10 or 12 mm) Tempered Glass



CRL Blumcraft® Header Channels, and Wet Glaze U-Channels

(See Pages 158Z - 159Z)

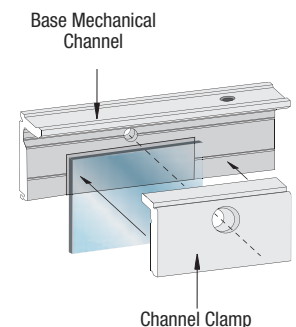
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Headers Include a Built-In Glazing Gasket for Easy Glass Installation
- Wet Glaze U-Channels Provide a Small Complementary Profile for Use with Our 1301 Series Doors and Sidelites



CRL Mechanical Glazing Channels

(See Page 160Z)

- For 3/8", 1/2", and 3/4" (10, 12, and 19 mm) Tempered Glass
- Standard Channel Requires No Holes in the Glass
- Used Where Lift and Drop Applications are Not Possible

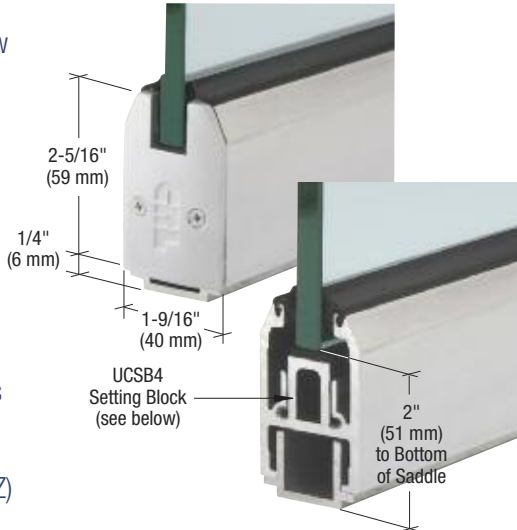


CRL 2-5/16" Low Profile Dry Glaze Tapered Sidelite Rails



For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

- Low Profile Rails
Provide an Even Sightline 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 116Z-117Z)



These CRL Low Profile Tapered Sidelite Rails measure only 2-5/16" (59 mm) tall by 1-9/16" (40 mm) wide, a perfect match for our Low Profile Door Rails. The included Reversible Saddle allows you to maintain a perfect sightline even when using a 1/2" (13 mm) threshold under the door. Choose from up to seven 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, and ask for Ext. 7700. You can also send an e-mail to architectural@crlaurence.com.



OR



ARCHITECTURAL SPECIFICATIONS



Ordering Information:

- End Caps and Setting Blocks must be ordered separately (see below).
- Custom lengths and finishes available on special order.
- Low Profile Sidelite Rails come with **GGT12** Vinyl to glaze 1/2" (12 mm) glass.
NOTE: If using 3/8" (10 mm) glass, **GGT38** Vinyl must be ordered separately (see page 144Z).

2-5/16" (59 MM) 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. *Clad finish.
NOTE: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or a LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish.
NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GGT38 vinyl be ordered separately (see page 144Z).

CUSTOM LENGTH 2-5/16" (59 MM) 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)
SR2TSB12CL	*Satin Brass	Custom up to 240" (6.10 m)
SR2TORB12CL	*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:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GGT38 vinyl be ordered separately (see page 144Z).

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
SREC2TORB	Oil Rubbed Bronze

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" (102 MM) 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)



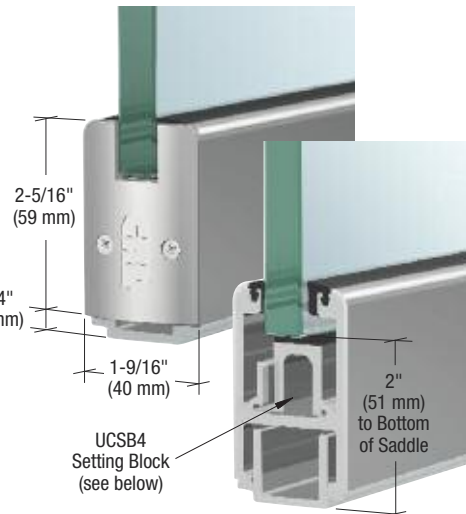
CAT. NO. UCSB4
Minimum order is one each.

CRL 2-5/16" Low Profile Dry Glaze Square Sidelite Rails



For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

- Low Profile Rails Provide an Even Sightline 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 Pages 118Z-119Z)



These CRL Low Profile Square Sidelite Rails measure only 2-5/16" (59 mm) tall by 1-9/16" (40 mm) wide, a perfect match for our Low Profile Door Rails. The included Reversible Saddle allows you to maintain a perfect sightline even when using a 1/2" (13 mm) threshold under the door. Choose from up to seven 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, and ask for Ext. 7700. You can also send an e-mail to architectural@crlaurence.com.

2-5/16" (59 MM) 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: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GGT38 vinyl be ordered separately (see page 144Z).

CUSTOM LENGTH 2-5/16" (59 MM) 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)
SR2SSB12CL	*Satin Brass	Custom up to 240" (6.10 m)
SR2S0RB12CL	*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: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. NOTE: Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GGT38 vinyl be ordered separately (see page 144Z).



or



ARCHITECTURAL SPECIFICATIONS



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 GGT12 Vinyl to glaze 1/2" (12 mm) glass.

NOTE: If using 3/8" (10 mm) glass, Cat. No. GGT38 Vinyl must be ordered separately (see page 144Z).

END CAPS FOR LOW PROFILE SQUARE 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
SREC2S0RB	Oil Rubbed Bronze

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" (102 MM) 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



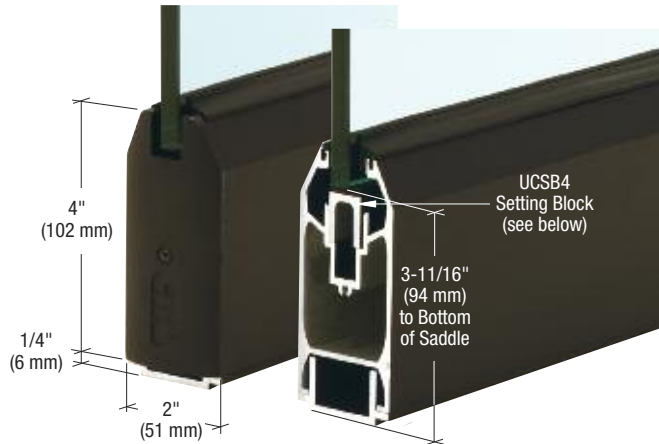
For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

- 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 Pages 120Z-121Z)



Ordering Information:

- Sidelite Rails on this page come with **GGT12** Vinyl to glaze 1/2" (12 mm) glass. **NOTE:** If using 3/8" (10 mm) glass, **GGT38** Vinyl must be ordered separately (see below).
- 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.
- End Caps and Setting Blocks must be ordered separately (see below).



or



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

EPDM ROLL-IN GLAZING GASKET

CAT. NO.	GLASS THICKNESS	ROLL LENGTH
GGT38100	3/8" (10 mm)	100' (30.5 m)
GGT38500	3/8" (10 mm)	500' (152.4 m)
GGT12100	1/2" (12 mm)	100' (30.5 m)
GGT12500	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.

END CAPS FOR 4" (102 MM) 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
SREC4TORB	Oil Rubbed Bronze

Minimum order: 1 each. All End Caps can be combined for quantity pricing.

4" (102 MM) 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.

4" (102 MM) 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)
SR4TBL3812240	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: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GGT38 vinyl be ordered separately (see page 144Z).

CUSTOM LENGTH 4" (102 MM) 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)
SR4TORB3812CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

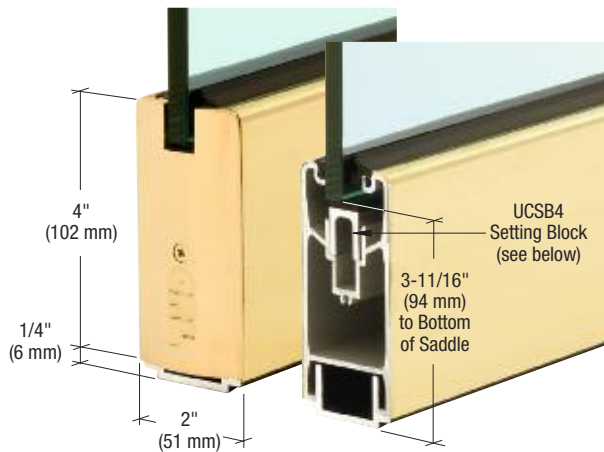
Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GGT38 vinyl be ordered separately (see page 144Z).

CRL 4" Square Shape Dry Glaze Sidelite Rails



For 3/8" or 1/2" (10 or 12 mm) Tempered 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 (See Page 152Z)
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page 122Z-123Z)



or



ARCHITECTURAL
SPECIFICATIONS



Ordering Information:

- Sidelite Rails on this page come with **GG12** Vinyl to glaze 1/2" (12 mm) glass.
NOTE: If using 3/8" (10 mm) glass, **GG38** Vinyl must be ordered separately (see page 152Z).
- 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.
- End Caps and Setting Blocks must be ordered separately (see below).



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" (102 MM) 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. *Clad finish.
NOTE: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

CUSTOM LENGTH 4" (102 MM) 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)
SR4SSB3812CL	*Satin Brass	Custom up to 240" (6.10 m)
SR4SORB3812CL	*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:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

END CAPS FOR 4" (102 MM) 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
SREC4SORB	Oil Rubbed Bronze

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" (102 MM) 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

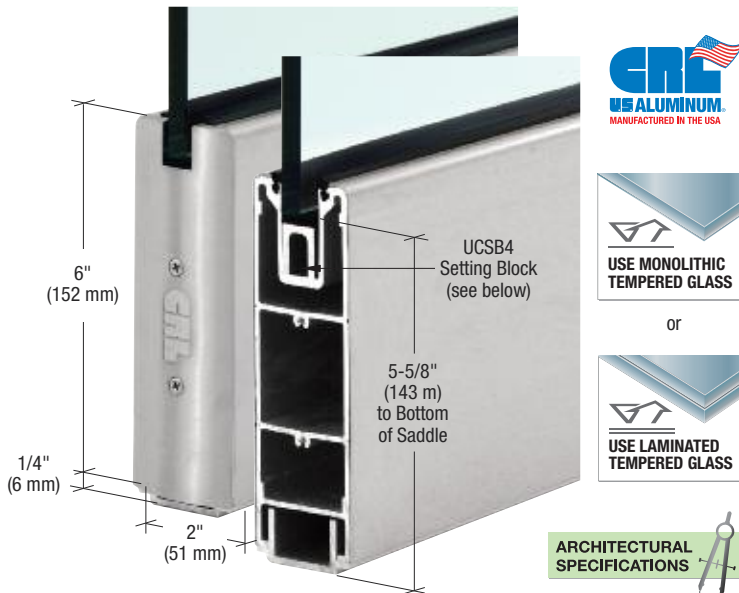
For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

- 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 (See Page 152Z)
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails Available (See Page 124Z-125Z)



Ordering Information:

- Sidelite Rails on this page come with **GG12** Vinyl to glaze 1/2" (12 mm) glass.
NOTE: If using 3/8" (10 mm) glass, **GG38** Vinyl must be ordered separately (see page 152Z).
- 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.
- End Caps and Setting Blocks must be ordered separately (see below).



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" (152 MM) 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)
SR6BS3812SL	*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)
SR6SBL3812240	*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: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDW1 Band Saw. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

CUSTOM LENGTH 6" (152 MM) 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)
SR6BS3812CL	*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)
SR6SSB3812CL	*Satin 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:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDW1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

END CAPS FOR 6" (152 MM) SQUARE SIDELITE RAILS

CAT. NO.	FINISH
SREC6SSA	Satin Anodized
SREC6SDU	Black Bronze Anodized
SREC6SBL	Black Powder Coat
SREC6BSB	Brushed Stainless
SREC6SPS	Polished Stainless
SREC6SPB	Polished Brass
SREC6S0RB	Oil Rubbed Bronze

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" (102 MM) 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)



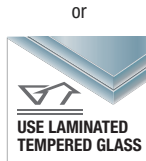
CAT. NO. UCSB4
Minimum order is one each.

CRL 10" Square Shape Dry Glaze Sidelite Rails



For 3/8" or 1/2" (10 or 12 mm) Tempered 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 (See Page 152Z)
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page 126Z-127Z)



Ordering Information:

- Sidelite Rails on this page come with **GG12** Vinyl to glaze 1/2" (12 mm) glass.
NOTE: If using 3/8" (10 mm) glass, **GG38** Vinyl must be ordered separately (see page 152Z).
- 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.
- End Caps and Setting Blocks must be ordered separately (see below).



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" (254 MM) 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)
SR10SBL3812240	*Black Powder Coat	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. *Clad finish.
NOTE: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

CUSTOM LENGTH 10" (254 MM) 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)
SR10SSB3812CL	*Satin Brass	Custom up to 240" (6.10 m)
SR10SORB3812CL	*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:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 1/2" (12 mm) glass. Using 3/8" (10 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

END CAPS FOR 10" (254 MM) 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
SREC10SORB	Oil Rubbed Bronze

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" (102 MM) 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)



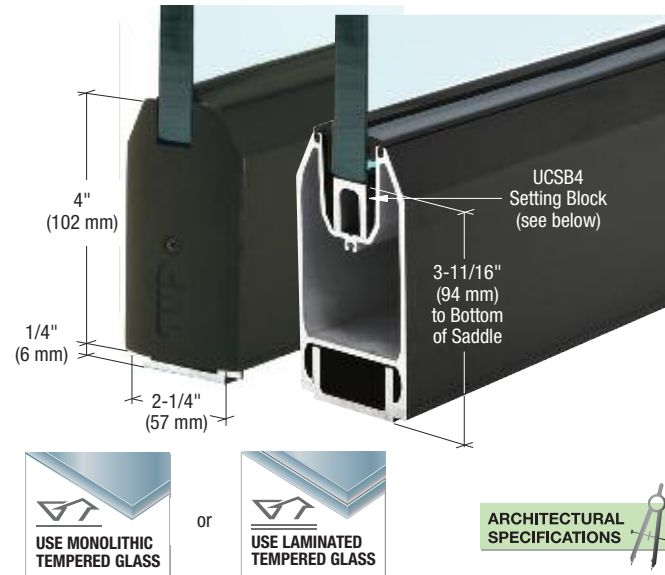
CAT. NO. UCSB4
Minimum order is one each.

CRL 4" Tapered Shape Dry Glaze Sidelite Rails



For 5/8" or 3/4" (16 or 19 mm) Tempered 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 (See Page 144Z)
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Page 130Z-131Z)



Ordering Information:

- Sidelite Rails on this page come with **GGT12** Vinyl to glaze 3/4" (19 mm) glass. **NOTE:** If using 5/8" (16 mm) glass, **GGT38** Vinyl must be ordered separately (see page 144Z).
- 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.
- End Caps and Setting Blocks must be ordered separately (see below).



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" (102 MM) TAPERED SIDELITE RAILS

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.



4" (102 MM) 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.

4" (102 MM) 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:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that GGT38 vinyl be ordered separately (see page 144Z).

CUSTOM LENGTH 4" (102 MM) 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)
SR4TSB34CL	*Satin Brass	Custom up to 240" (6.10 m)
SR4TORB34CL	*Oil Rubbed Bronze	Custom up to 240" (6.10 m)

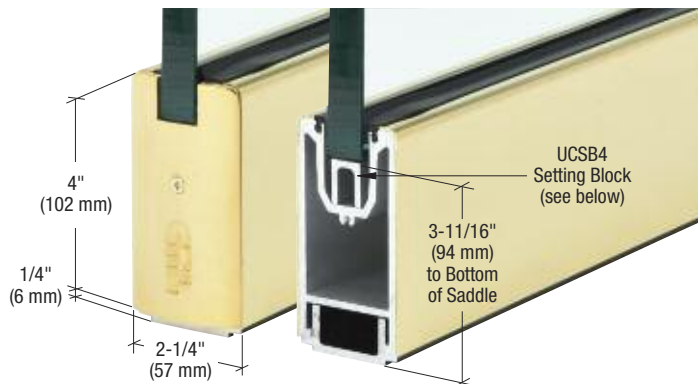
Minimum order: 1 each. Rails over 108" (2.74 m) must ship common carrier. *Clad finish. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that GGT38 vinyl be ordered separately (see page 144Z).

CRL 4" Square Shape Dry Glaze Sidelite Rails



For 5/8" or 3/4" (16 or 19 mm) Tempered 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 (See Page 152Z)
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Pages 132Z-133Z)



OR



ARCHITECTURAL SPECIFICATIONS

4" (102 MM) 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)
SR4SBL34240	*Black Powder Coated	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. Must ship common carrier. *Clad finish. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

CUSTOM LENGTH 4" (102 MM) 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)
SR4SSB34CL	*Satin Brass	Custom up to 240" (6.10 m)
SR4SORB34CL	*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:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).



Ordering Information:

- Sidelite Rails on this page come with **GG12** Vinyl to glaze 3/4" (19 mm) glass. **NOTE:** If using 5/8" (16 mm) glass, **GG38** Vinyl must be ordered separately (see page 152Z).
- 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.
- End Caps and Setting Blocks must be ordered separately (see below).



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" (102 MM) SQUARE SIDELITE RAILS

CAT. NO.	FINISH
SREC4SSA34	Satin Anodized
SREC4SDU34	Black Bronze Anodized
SREC4SBL34	Black Powder Coat
SREC4SBS34	Brushed Stainless
SREC4SPS34	Polished Stainless
SREC4SPB34	Polished Brass
SREC4SORB34	Oil Rubbed Bronze

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" (102 MM) 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



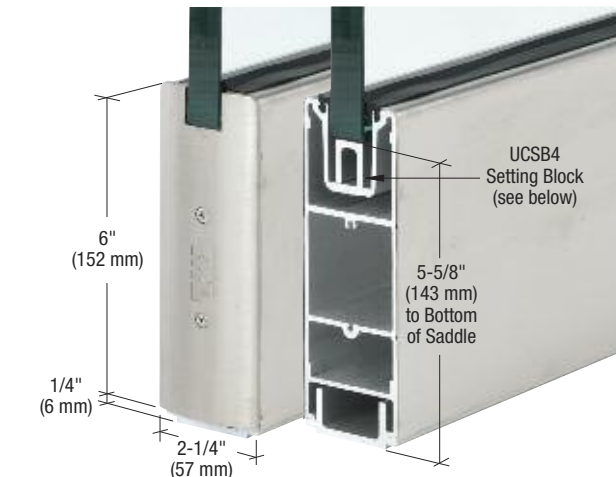
For 5/8" or 3/4" (16 or 19 mm) Tempered Glass

- 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 (See page 152Z)
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Pages 134Z-135Z)



Ordering Information:

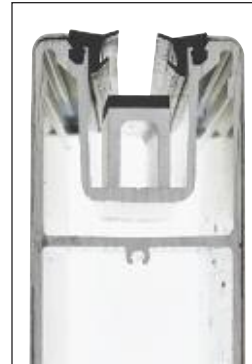
- Sidelite Rails on this page come with **GG12** Vinyl to glaze 3/4" (19 mm) glass. **NOTE:** If using 5/8" (16 mm) glass, **GG38** Vinyl must be ordered separately (see page 152Z).
- All models are available in 120" (3.05 m) lengths. Selected finishes are also offered in 240" (6.10 m) lengths.
- Custom lengths and finishes are also available.
- End Caps and Setting Blocks must be ordered separately (see below).



or



ARCHITECTURAL SPECIFICATIONS



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" (152 MM) 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)
SR6SBL34240	*Black Powder Coat	240" (6.10 m)

Minimum order: 1 each. All Sidelite Rails can be combined for quantity pricing. *Clad finish. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

CUSTOM LENGTH 6" (152 MM) 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)
SR6SSB34CL	*Satin Brass	Custom up to 240" (6.10 m)
SR6SORB34CL	*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:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

END CAPS FOR 6" (152 MM) SQUARE SIDELITE RAILS

CAT. NO.	FINISH
SREC6SSA34	Satin Anodized
SREC6SDU34	Black Bronze Anodized
SREC6SBL34	Black Powder Coat
SREC6SBS34	Brushed Stainless
SREC6SPS34	Polished Stainless
SREC6SPB34	Polished Brass
SREC6SORB34	Oil Rubbed Bronze

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" (102 MM) 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.

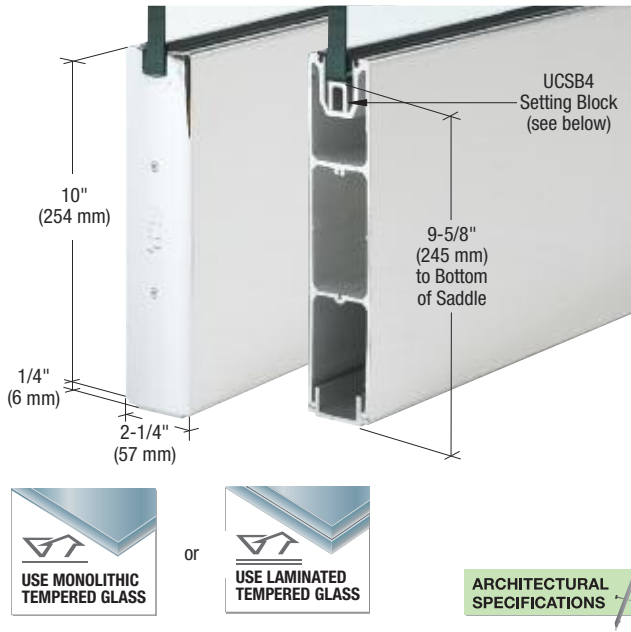


CRL 10" Square Shape Dry Glaze Sidelite Rails



For 5/8" or 3/4" (16 or 19 mm) Tempered 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 (See Page 152Z)
- Ready-to-Ship Models From CRL Inventory
- Matching Door Rails (See Pages 136Z-137Z)



10" (254 MM) 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)
SR10SSA34240	*Satin Anodized	240" (6.10 m)
SR10SDU34240	*Black Bronze Anodized	240" (6.10 m)
SR10SBL34240	*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:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (16 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).

CUSTOM LENGTH 10" (254 MM) 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)
SR10SSB34CL	*Satin 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:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish. **NOTE:** Rails include vinyl for 3/4" (19 mm) glass. Using 5/8" (19 mm) glass requires that GG38 vinyl be ordered separately (see page 152Z).



Ordering Information:

- Sidelite Rails on this page come with **GG12** Vinyl to glaze 3/4" (19 mm) glass. **NOTE:** If using 5/8" (16 mm) glass, **GG38** Vinyl must be ordered separately (see page 152Z).
- 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.
- End Caps and Setting Blocks must be ordered separately (see below).



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 10" (254 MM) SQUARE SIDELITE RAILS

CAT. NO.	FINISH
SREC10SSA34	Satin Anodized
SREC10SDU34	Black Bronze Anodized
SREC10SBL34	Black Powder Coat
SREC10SBS34	Brushed Stainless
SREC10SPS34	Polished Stainless
SREC10SPB34	Polished Brass
SREC10S0RB34	Oil Rubbed Bronze

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



4" (102 MM) 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
- Six Standard Architectural Finishes
- Custom Finishes and Powder Painting Available
- Custom Lengths Available



or

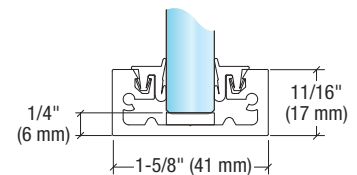


CRL Shallow U-Channel can be used for a variety of installations, such as for a sash channel above a header, on walls or floors where either drywall or finished flooring can conceal the channel creating a truly 'All-Glass' look. Stock lengths are sold in 120" (3.05 m) or 240" (6.10 m) lengths.

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 (see below).



Non-Clad Finish Shown



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)
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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish.



For 3/8"
(10 mm)
Glass



For 1/2"
(12 mm)
Glass

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)
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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish.

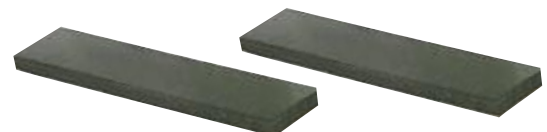


Shallow End Cap with Screws

END CAPS FOR SHALLOW U-CHANNEL

CAT. NO.	FINISH
SCECSA	Satin Anodized
SCECDU	Black Bronze Anodized
SCECBL	Black Powder Coat
SCECBS	Brushed Stainless
SCECPS	Polished Stainless
SCECPB	Polished Brass

Minimum order: 1 each. All End Caps can be combined for quantity pricing.



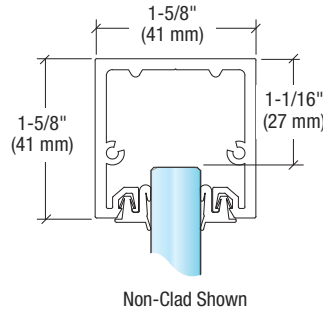
NEOPRENE SETTING BLOCKS

CAT. NO.	SIZE	QTY/BOX
SB579	1/8" x 1/2" x 4" (3 x 13 x 102 mm)	100

Minimum order: 100 each. Must be ordered in increments of 100. For additional sizes go to crlaurence.com/setting-blocks.

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
- Six Standard Architectural Finishes
- Custom Finishes and Powder Painting Available
- Custom Lengths Available



Non-Clad Shown

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 (see below).

REGULAR U-CHANNEL

CAT. NO.	OVERALL 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)
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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish.

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)
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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the 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.



For 3/8" (10 mm) Glass

For 1/2" (12 mm) Glass

END CAPS FOR REGULAR U-CHANNEL

CAT. NO.	FINISH
UCECSA	Satin Anodized
UCECDU	Black Bronze Anodized
UCECBL	Black Powder Coat
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

4" (102 MM) 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 Combination Wide U-Channel and Narrow Header

- 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



or



Used as Narrow Header With Door Rail



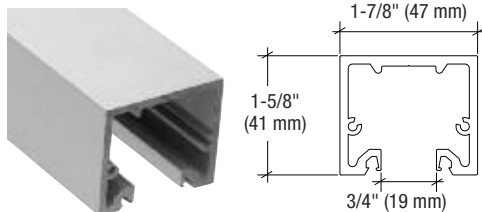
Used as Narrow Header With Sidelite Rail



Wide U-Channel Used on Both Top and Bottom

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 Sightline 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.

CRL Wide U-Channel for 3/8" or 1/2" (10 or 12 mm) Glass

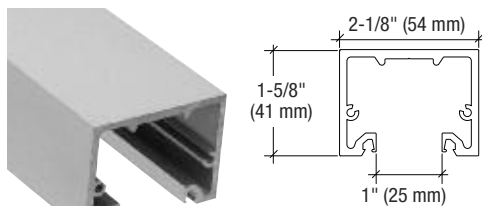


Non-Clad Shown

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
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 (see page 155Z). 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 NOTE: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade.

CRL Wide U-Channel for 5/8" or 3/4" (16 or 19 mm) Glass

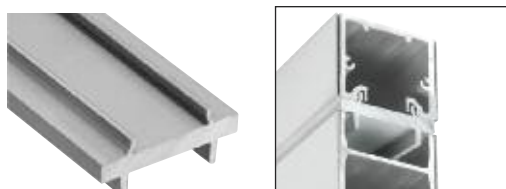


Non-Clad Shown

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 (see page 155Z). 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 NOTE: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade.

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

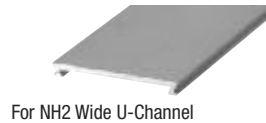
Minimum order: 1 each. Finishes can be combined for quantity pricing. *Also fits PS1 Series Pocket Snap-Ins (see page 162Z).

CRL Combination Wide U-Channel and Narrow Header Accessories

CRL Snap-In Filler Strips

- 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 up to 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
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.
NOTE: CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade.

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.



NHEC End Cap With Screws



NH3EC End Cap With Screws

FOR 3/8" OR 1/2" (10 OR 12 MM) GLASS CAT. NO.	FOR 5/8" OR 3/4" (16 OR 19 MM) GLASS CAT. NO.	FINISH
NHECSA	NH3ECSA	Satin Anodized
NHECDU	NH3ECDU	Black Bronze Anodized
NHECBL	NH3ECBL	Black Powder Coat
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.

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.



500' (152.4 m) Roll



100' (30.5 m) Roll

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

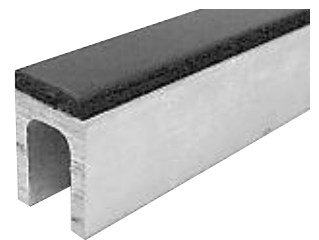
- Protects Glass Edge While Providing Rigid Glass Support
- Provides Proper Height for Recommended Glass Coverage
- Ready-to-Ship From CRL Inventory

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

Length 4" (102 mm)
Width 5/8" (16 mm)
Height 7/8" (22 mm)



CAT. NO. UCSB4

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
- Available in 120" and 240" (3.05 and 6.10 m) Stock Lengths



or



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.

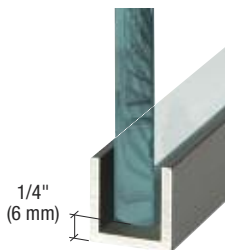
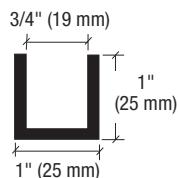
Wet/Dry Glaze U-Channels provide the most economical way to glaze heavy glass. Using a Deep U-Channel on the top and the Shallow U-Channel on the bottom allows for the 'lift and drop' method of glazing. The glass can be secured with silicone sealant or our Top Load Roll-In Glazing Gasket (shown on opposite 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, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.



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 Opposite Page)

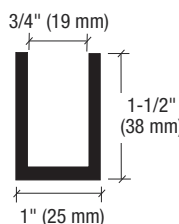


120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	FINISH
WU3SASL	WU3SA240	Satin Anodized
WU3DUSL	WU3DU240	Black Bronze Anodized
WU3BLSL	WU3BL240	Black Powder Coat
WU3BASL	WU3BA240	Brite Anodized
WU3BBASL	WU3BBA240	Brite Brushed Anodized
WU3BSASL	WU3BSA240	Brushed Stainless Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders fewer than five combined lengths. Must ship common carrier.

CRL 1-1/2" Wet/Dry Glaze U-Channel

- 1-1/2" (38 mm) Exterior Height
- Typically Used at the Top or Bottom of Glass Panels
- Use With Silicone (Wet) or Glazing Gasket (Dry)
- Matching End Caps Sold Separately (See Opposite Page)

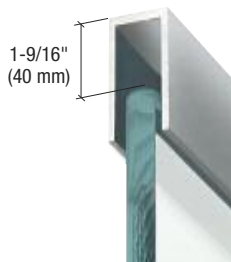
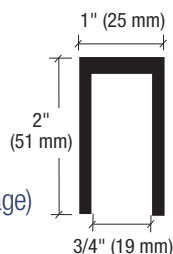


120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	FINISH
WU1SASL	WU1SA240	Satin Anodized
WU1DUSL	WU1DU240	Black Bronze Anodized
WU1BLSL	WU1BL240	Black Powder Coat
WU1BASL	WU1BA240	Brite Anodized
WU1BBASL	WU1BBA240	Brite Brushed Anodized
WU1BSASL	WU1BSA240	Brushed Stainless Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing. A Packing Charge will be added to orders fewer than five combined lengths. Must ship common carrier.

CRL 2" Wet/Dry Glaze U-Channel

- 2" (51 mm) Exterior Height
- Typically Used at the Top of Glass Panels
- Use With Silicone (Wet) or Glazing Gasket (Dry)
- Matching End Caps Sold Separately (See Opposite Page)



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. 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) Tempered Glass
- Eliminates the Need for Silicone
- Available in Black or Gray

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 or gray color material can be used with all finishes of our Wet/Dry U-Channel.



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.



Gasket for 3/8" (10 mm) Glazing



Gasket for 1/2" (12 mm) Glazing

CAT. NO.	COLOR	GLASS THICKNESS	ROLL LENGTH
RG38100	Black	3/8" (10 mm)	100 ft. (30.5 m)
RG38500	Black	3/8" (10 mm)	500 ft. (152.4 m)
RGG38100	Gray	3/8" (10 mm)	100 ft. (30.5 m)
RG12100	Black	1/2" (12 mm)	100 ft. (30.5 m)
RG12500	Black	1/2" (12 mm)	500 ft. (152.4 m)
RGG12100	Gray	1/2" (12 mm)	100 ft. (30.5 m)

Minimum order: 1 roll. Colors can be combined for quantity pricing.

CRL End Cap for WU3 Series 1" Wet/Dry Glaze U-Channel

- Fits WU3 Series 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 Series 1-1/2" Wet/Dry Glaze U-Channel

- Fits WU1 Series 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 Series 2" Wet/Dry Glaze U-Channel

- Fits WU2 Series 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

- 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



End Cap
Easy to install
with Silicone



or

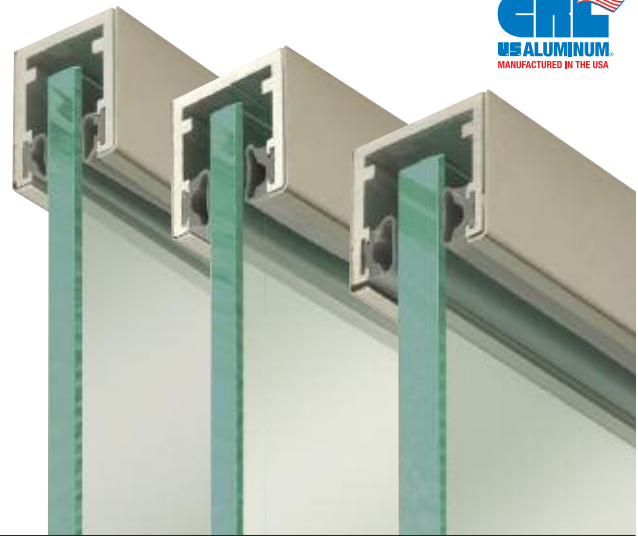


These CRL Blumcraft® Header Channels are used over fixed glass panels, and as headers for pivoting doors, or a combination of both. A built-in glazing gasket is included for easy glass installation, without requiring sealant.

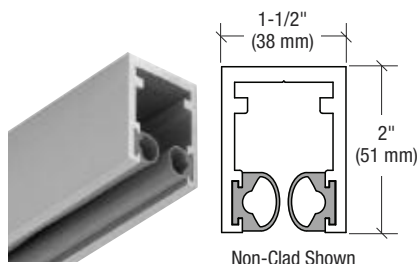
These extruded aluminum channels are available in 120" or 240" (3.05 or 6.10 m) stock lengths in satin anodized, black bronze anodized, brushed or polished stainless steel, and polished brass. Custom lengths and finishes are also available on special order.

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, and ask for Ext. 7700.

You can also e-mail us at architectural@crlaurence.com.



CRL Blumcraft® Header Channel for 1/2" (12 mm) Tempered Glass



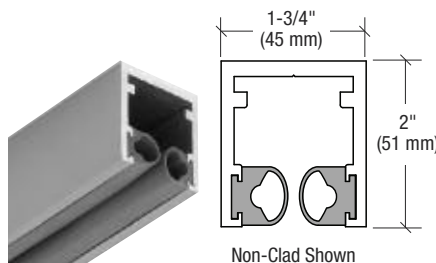
Non-Clad Shown

1-1/2" (38 MM) WIDTH HEADER CHANNEL

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	END CAPS CAT. NO.	FINISH
C7500SA	C7500SA240	1-1/2" x 2" (38 x 51 mm)	C7500ECSA	Satin Anodized
C7500DU	C7500DU240	1-1/2" x 2" (38 x 51 mm)	C7500ECDU	Black Bronze Anodized
C7500BS	-----	1-5/8" x 2-1/16" (41 x 52 mm)	C7500ECBS	*Brushed Stainless
C7500PS	-----	1-5/8" x 2-1/16" (41 x 52 mm)	C7500ECPS	*Polished Stainless
C7500PB	-----	1-5/8" x 2-1/16" (41 x 52 mm)	C7500ECPB	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Slide-In Glazing Gasket is included in the package. Replacement Glazing Gasket Cat. No. 40A214V. Minimum order 25' (7.6 m). Must ship common carrier. *Clad Finish. **Note:** CRL recommends that clad finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade.

CRL Blumcraft® Header Channel for 1/2" to 3/4" (12 to 19 mm) Tempered Glass



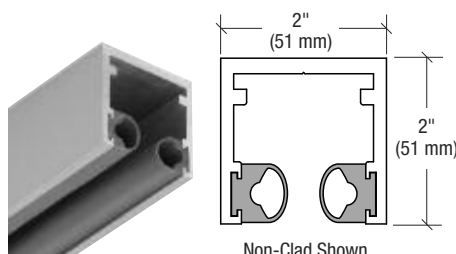
Non-Clad Shown

1-3/4" (45 MM) WIDTH HEADER CHANNEL

120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	END CAPS CAT. NO.	FINISH
C7501SA	C7501SA240	1-3/4" x 2" (45 x 51 mm)	C7501ECSA	Satin Anodized
C7501DU	C7501DU240	1-3/4" x 2" (45 x 51 mm)	C7501ECDU	Black Bronze Anodized
C7501BS	-----	1-7/8" x 2-1/16" (48 x 52 mm)	C7501ECBS	*Brushed Stainless
C7501PS	-----	1-7/8" x 2-1/16" (48 x 52 mm)	C7501ECPS	*Polished Stainless
C7501PB	-----	1-7/8" x 2-1/16" (48 x 52 mm)	C7501ECPB	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Slide-In Glazing Gasket is included in the package. Replacement Glazing Gasket Cat. No. 40A275V for 1/2", 40A139V for 3/4" glass. Minimum order 25' (7.6 m). Must ship common carrier. *Clad Finish. **Note:** CRL recommends that clad finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade.

CRL Blumcraft® Header Channel for 3/4" (19 mm) Tempered 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	END CAPS CAT. NO.	FINISH
C7502SA	C7502SA240	2" x 2" (51 x 51 mm)	C7502ECSA	Satin Anodized
C7502DU	C7502DU240	2" x 2" (51 x 51 mm)	C7502ECDU	Black Bronze Anodized
C7502BS	-----	2-1/8" x 2-1/16" (54 x 52 mm)	C7502ECBS	*Brushed Stainless
C7502PS	-----	2-1/8" x 2-1/16" (54 x 52 mm)	C7502ECPS	*Polished Stainless
C7502PB	-----	2-1/8" x 2-1/16" (54 x 52 mm)	C7502ECPB	*Polished Brass

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Slide-In Glazing Gasket is included in the package. Replacement Glazing Gasket Cat. No. 40A275V for 3/4" glass. Minimum order 25' (7.6 m). Must ship common carrier. *Clad Finish. **Note:** CRL recommends that clad finishes be cut using only a CRL Cat. No. BND5W1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade.

CRL Blumcraft® Wet Glaze U-Channels

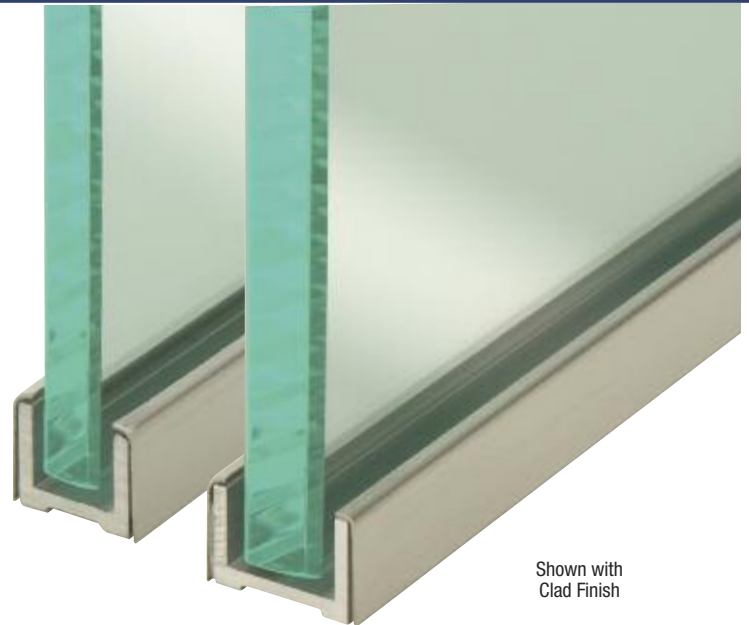
- Channels for 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Available in Five Architectural Finishes
- Custom Finishes, Including Oil Rubbed Bronze, are Available on Special Order
- Easy to Install Matching Finish End Caps (Ordered Separately)



End Cap
Easy to install
with Silicone



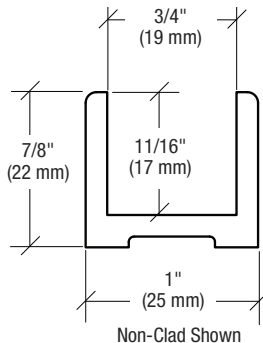
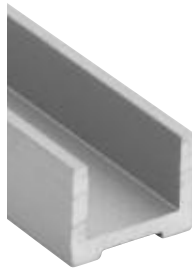
These CRL Blumcraft® Wet Glaze U-Channels provide a small complementary profile for use with our 1301 Series Doors and Sidelites when customers desire to field glaze the fixed panels of an opening. They are available from stock in 120" or 240" (3.05 or 6.10 m) lengths in satin anodized, black bronze anodized, brushed or polished stainless steel, and polished brass.



Shown with
Clad Finish

End Caps are ready to install with silicone sealant. 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, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

CRL Blumcraft® Wet Glaze U-Channel for 1/2" (12 mm) Tempered Glass



Non-Clad Shown



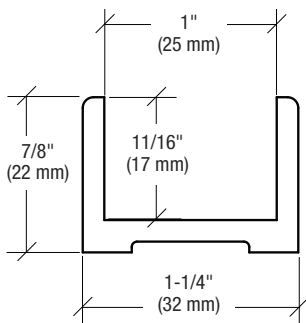
or



120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	END CAPS CAT. NO.	FINISH
EB500SA	EB500SA240	1" x 7/8" (25 x 22 mm)	EB500ECSA	Satin Anodized
EB500DU	EB500DU240	1" x 7/8" (25 x 22 mm)	EB500ECDU	Black Bronze Anodized
EB500BS	-----	1-1/8" x 15/16" (29 x 24 mm)	EB500ECBS	*Brushed Stainless
EB500PS	-----	1-1/8" x 15/16" (29 x 24 mm)	EB500ECPS	*Polished Stainless
EB500PB	-----	1-1/8" x 15/16" (29 x 24 mm)	EB500ECPB	*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. Must ship common carrier. **Note:** CRL recommends that Clad Finishes can be cut using only a CRL Cat. No. BND5W1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade.

CRL Blumcraft® Wet Glaze U-Channel for 3/4" (19 mm) Tempered Glass



Non-Clad Shown



or



120" (3.05 M) LENGTH CAT. NO.	240" (6.10 M) LENGTH CAT. NO.	OVERALL SIZE	END CAPS CAT. NO.	FINISH
EB750SA	EB750SA240	1-1/4" x 7/8" (32 x 22 mm)	EB750ECSA	Satin Anodized
EB750DU	EB750DU240	1-1/4" x 7/8" (32 x 22 mm)	EB750ECDU	Black Bronze Anodized
EB750BS	-----	1-3/8" x 15/16" (35 x 24 mm)	EB750ECBS	*Brushed Stainless
EB750PS	-----	1-3/8" x 15/16" (35 x 24 mm)	EB750ECPS	*Polished Stainless
EB750PB	-----	1-3/8" x 15/16" (35 x 24 mm)	EB750ECPB	*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. Must ship common carrier. **Note:** CRL recommends that Clad Finishes can be cut using only a CRL Cat. No. BND5W1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade.

CRL Mechanical Glazing Channels

NEW!

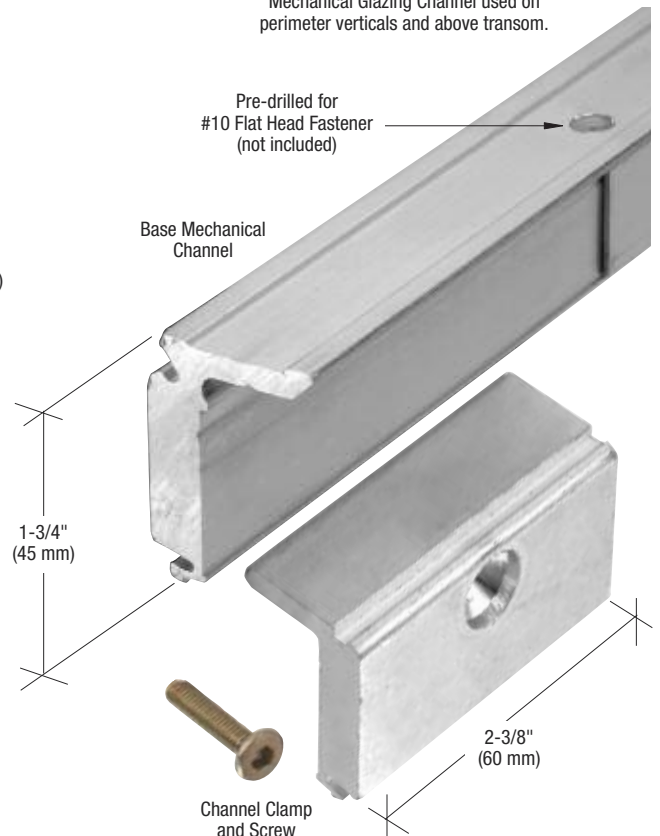
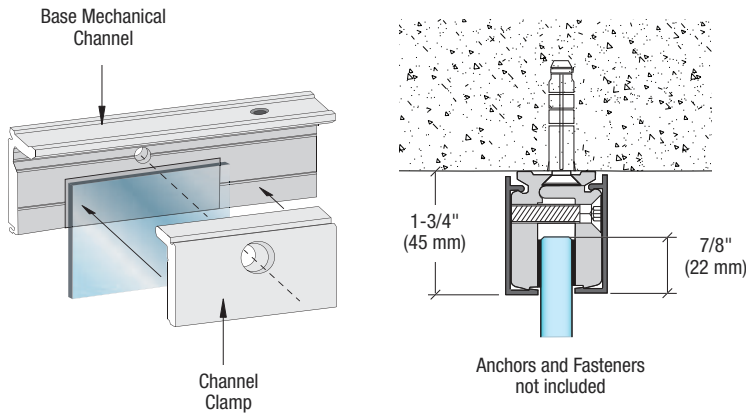

- Dry Glazing System for 3/8", 1/2", and 3/4" (10, 12, and 19 mm) Tempered Glass
- Standard Channel Requires No Holes in the Glass
- Available in Satin Anodized and Brushed Brite Anodized Finishes
- Standard 120" (3.05 m) Lengths

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. No holes are required in the glass. Channel End Caps finish off the ends and are adhered using clear silicone.

Kits include: one Base Channel, ten Channel Clamps with Screws, and two Decorative Snap-On Covers. End Caps are sold separately.



Mechanical Glazing Channel used on perimeter verticals and above transom.



MECHANICAL GLAZING CHANNEL KITS

SATIN ANODIZED CAT. NO.	BRUSHED BRITE ANODIZED CAT. NO.	GLASS THICKNESS	LENGTH
MGC38SA	MGC38BBA	3/8" (10 mm)	120" (3.05 m)
MGC12SA	MGC12BBA	1/2" (12 mm)	120" (3.05 m)
MGC34SA	MGC34BBA	3/4" (19 mm)	120" (3.05 m)

Minimum order: 1 each. Finishes can be combined for quantity pricing. Must ship common carrier.

REPLACEMENT DECORATIVE SNAP-ON COVERS

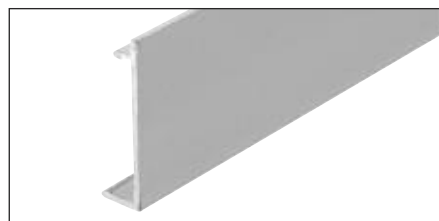
CAT. NO.	FINISH	LENGTH
MGC3A	Satin Anodized	120" (3.05 m)
MGC3BA	Brushed Brite Anodized	120" (3.05 m)

Minimum order: 1 each. Finishes can be combined for quantity pricing. 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. Finishes can be combined for quantity pricing.



Decorative Snap-On Cover



Channel End Caps

CRL Stock Size Headers for Overhead Concealed Door Closers

NEW!

- Includes Snap-In Cover Plates With All Door Closer Fabrication Completed
- Available in Up to Seven Architectural Finishes

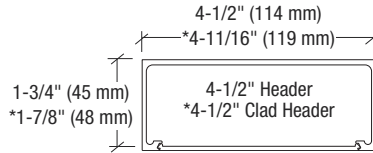
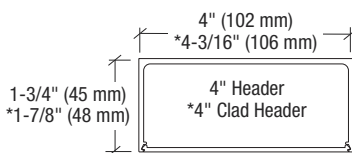
- Ready-to-Ship From CRL Inventory
- Standard 4", 4-1/2", and 6" Sizes
- Custom Sizes Available



36" and 41-1/4" Single Door Headers



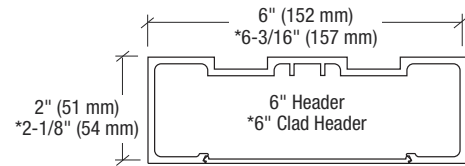
Typical Installation Showing Exposed Spindle of Overhead Closer



72" and 82-1/2" Double Door Headers



Both Single Door and Double Door Headers are fabricated to receive most standard U.S. Overhead Concealed Door Closers (see pages 303Z - 325Z).



CRL 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.

4" HEADER FOR SINGLE DOOR

36" (914 MM) CAT. NO.	41-1/4" (1.05 M) CAT. NO.	OVERALL SIZE	FINISH
DCH4SAS	CDCH4SAS	4" x 1-3/4"	Satin Anodized
DCH4DUS	CDCH4DUS	4" x 1-3/4"	Black Bronze Anodized
DCH4BLS	-----	4" x 1-3/4"	Black Powder Coat
DCH4BSS	CDCH4BSS	4-3/16" x 1-7/8"	*Brushed Stainless
DCH4PSS	CDCH4PSS	4-3/16" x 1-7/8"	*Polished Stainless
DCH4PBS	-----	4-3/16" x 1-7/8"	*Polished Brass
DCH4SBS	-----	4-3/16" x 1-7/8"	*Satin Brass

4-1/2" HEADER FOR SINGLE DOOR

36" (914 MM) CAT. NO.	41-1/4" (1.05 M) CAT. NO.	OVERALL SIZE	FINISH
DCHSAS	CDCHSAS	4-1/2" x 1-3/4"	Satin Anodized
DCHDUS	CDCHDUS	4-1/2" x 1-3/4"	Black Bronze Anodized
DCHBLS	-----	4-1/2" x 1-3/4"	Black Powder Coat
DCHBSS	CDCHBSS	4-11/16" x 1-7/8"	*Brushed Stainless
DCHPSS	CDCHPSS	4-11/16" x 1-7/8"	*Polished Stainless
DCHPBS	-----	4-11/16" x 1-7/8"	*Polished Brass
DCHSBS	-----	4-11/16" x 1-7/8"	*Satin Brass

6" HEADER FOR SINGLE DOOR

36" (914 MM) CAT. NO.	OVERALL SIZE	FINISH
DCH6SAS	6" x 2"	Satin Anodized
DCH6DUS	6" x 2"	Black Bronze Anodized
DCH6BLS	6" x 2"	Black Powder Coat
DCH6BSS	6-3/16" x 2-1/8"	*Brushed Stainless
DCH6PSS	6-3/16" x 2-1/8"	*Polished Stainless
DCH6PBS	6-3/16" x 2-1/8"	*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.

4" HEADER FOR DOUBLE DOORS

72" (1.83 M) CAT. NO.	82-1/2" (2.09 M) CAT. NO.	OVERALL SIZE	FINISH
DCH4SAD	CDCH4SAD	4" x 1-3/4"	Satin Anodized
DCH4DUD	CDCH4DUD	4" x 1-3/4"	Black Bronze Anodized
DCH4BLD	-----	4" x 1-3/4"	Black Powder Coat
DCH4BSD	CDCH4BSD	4-3/16" x 1-7/8"	*Brushed Stainless
DCH4PSD	CDCH4PSD	4-3/16" x 1-7/8"	*Polished Stainless
DCH4PBD	-----	4-3/16" x 1-7/8"	*Polished Brass
DCH4SBD	-----	4-3/16" x 1-7/8"	*Satin Brass

4-1/2" HEADER FOR DOUBLE DOORS

72" (1.83 M) CAT. NO.	82-1/2" (2.09 M) CAT. NO.	OVERALL SIZE	FINISH
DCHSAD	CDCHSAD	4-1/2" x 1-3/4"	Satin Anodized
DCHDUD	CDCHDUD	4-1/2" x 1-3/4"	Black Bronze Anodized
DCHBLD	-----	4-1/2" x 1-3/4"	Black Powder Coat
DCHBSD	CDCHBSD	4-11/16" x 1-7/8"	*Brushed Stainless
DCHPSD	CDCHPSD	4-11/16" x 1-7/8"	*Polished Stainless
DCHPBD	-----	4-11/16" x 1-7/8"	*Polished Brass
DCHSBD	-----	4-11/16" x 1-7/8"	*Satin Brass

6" HEADER FOR DOUBLE DOORS

72" (1.83 M) CAT. NO.	OVERALL SIZE	FINISH
DCH6SAD	6" x 2"	Satin Anodized
DCH6DUD	6" x 2"	Black Bronze Anodized
DCH6BLD	6" x 2"	Black Powder Coat
DCH6BSD	6-3/16" x 2-1/8"	*Brushed Stainless
DCH6PSD	6-3/16" x 2-1/8"	*Polished Stainless
DCH6PBD	6-3/16" x 2-1/8"	*Polished Brass

Minimum order: 1 each. Headers do not include Door Closers. Finishes and sizes can be combined for quantity pricing. *Clad finish.

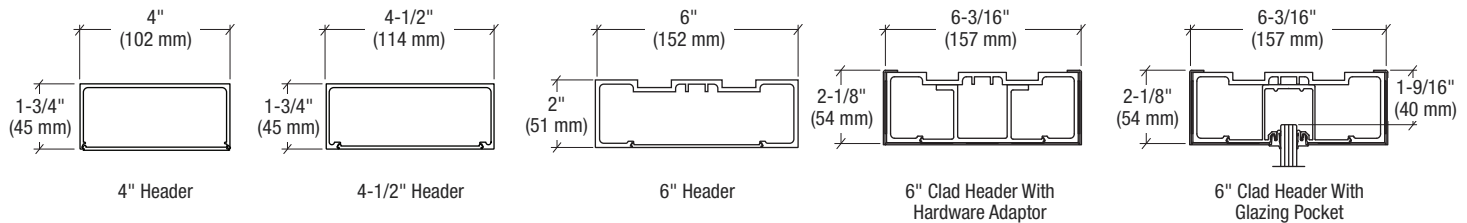
CRL Custom Fabricated Headers

- Available in 4", 4-1/2", and 6" Sizes
- Seven Standard Architectural Finishes:
Satin Anodized, Black Powder Coat,
Black Bronze Anodized, Polished
Stainless, Brushed Stainless,
Polished Brass, and Satin Brass
- Custom Finishes Available
on Special Order



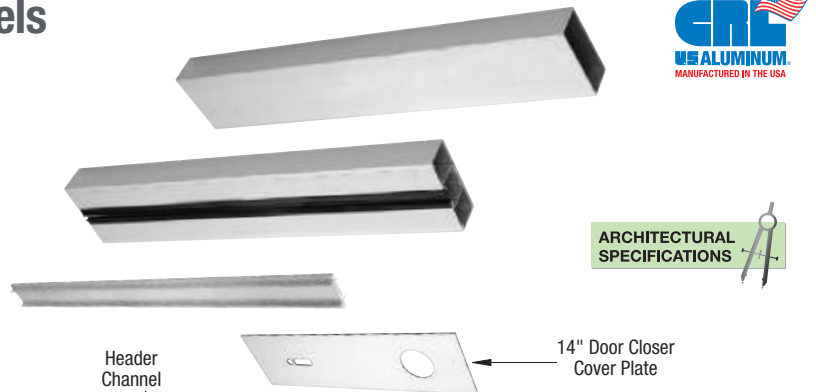
CRL will fabricate Custom Headers to accept a large variety of door hardware, such as: fixed or walking beam top pivots, door closers, manual or electric strikes, concealed or surface mounted locks, offset pivots, overhead arms, and many other types of accessories. Also, a glazing pocket to secure the 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.

All Custom Headers 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. Ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

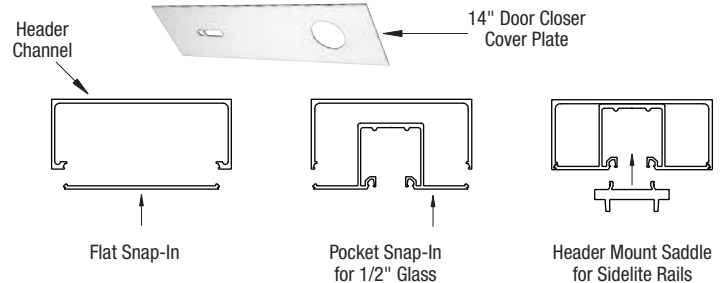


CRL Stock Length Header Channels and Snap-In Inserts

- 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



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" (45 x 102 mm) and 1-3/4" x 4-1/2" (45 x 114 mm) sizes. The Pocket 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 155Z). Contact Technical Sales for ordering assistance.



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.

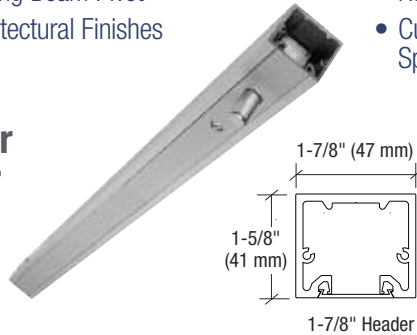
CRL Stock Size Narrow Headers

- 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



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). For more NH2 Series extrusions see page 154Z.

36" (914 MM) SINGLE DOOR NARROW HEADER CAT. NO.	72" (1829 MM) DOUBLE DOOR NARROW HEADER CAT. NO.	OVERALL SIZE W X H	END CAPS CAT. NO.	FINISH
NH236SA	NH272SA	1-7/8" x 1-5/8" (47 x 41 mm)	NHECSA	Satin Anodized
NH236DU	NH272DU	1-7/8" x 1-5/8" (47 x 41 mm)	NHECDU	Black Bronze Anodized
NH236BL	NH272BL	1-7/8" x 1-5/8" (47 x 41 mm)	NHECBL	Black Powder Coat
NH236BS	NH272BS	2" x 1-11/16" (51 x 43 mm)	NHECBS	*Brushed Stainless
NH236PS	NH272PS	2" x 1-11/16" (51 x 43 mm)	NHECPS	*Polished Stainless
NH236PB	NH272PB	2" x 1-11/16" (51 x 43 mm)	NHECPB	*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) Tempered 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.



or



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.

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 Sightline 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

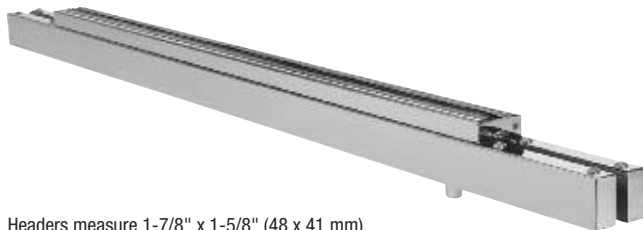


or



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 DRS Door Rails you get an even sightline, 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, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.



Headers measure 1-7/8" x 1-5/8" (48 x 41 mm).

APPLICATION TIP:

When trying to show the maximum amount of glass, but still looking for the security of a magnetic shear lock, these CRL Narrow Floating Headers offer that functionality.

STOCK NARROW FLOATING HEADERS:

For 1/2" (12 mm) glass-to-glass installations, with CRL9040WBP Walking Beam Top Pivots included.

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.

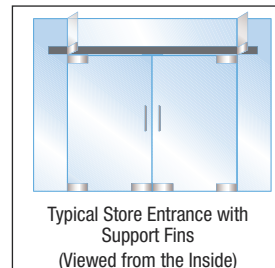
CRL Custom Floating Headers With Support Fin Brackets

- 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 216Z
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, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

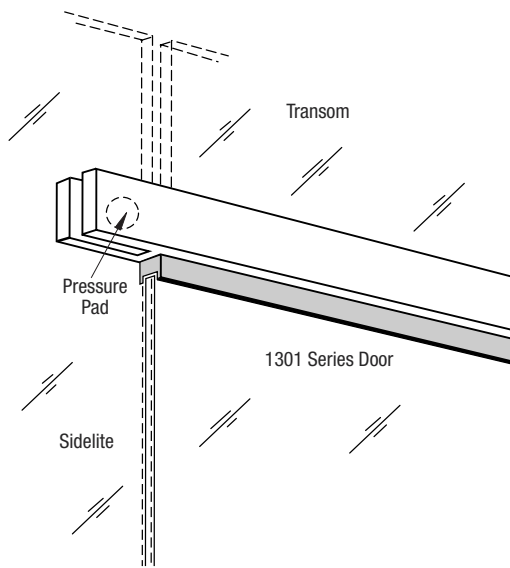
CRL Blumcraft® B1250 Floating Transom System

- 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



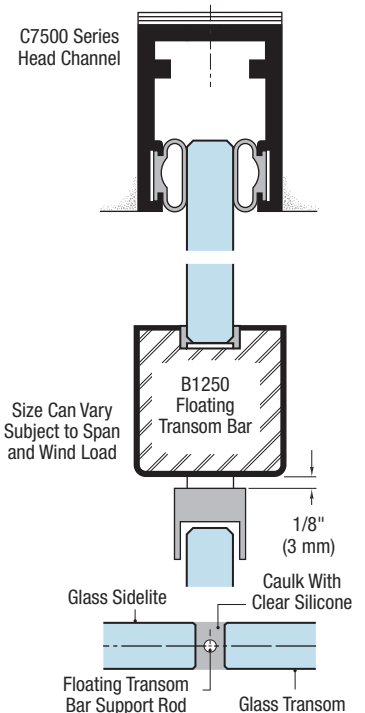
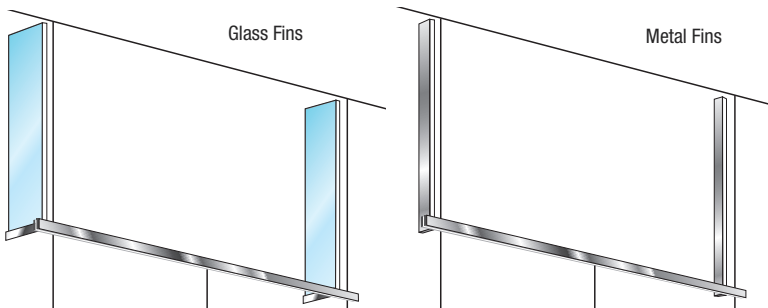
The CRL Blumcraft® B1250 Floating Transom System provides a clean, 'all-glass' look with minimal metal, and requires no holes or notches in the transom or sidelites. The Narrow Header of the B1250 is suspended from the C7500 Series Head Channel by thin stainless steel rods that are concealed in the gaps 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.



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

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, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

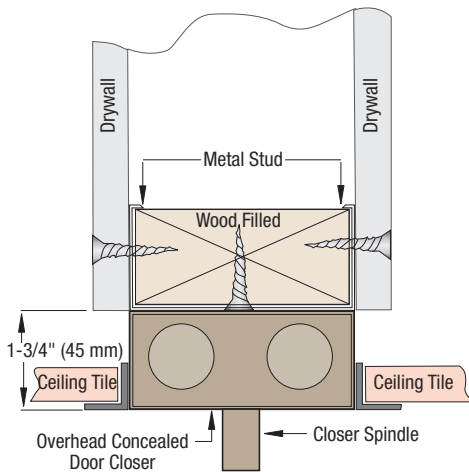
CRL Hat Channel and Hat Channel Door Closer Header for Drop Ceiling Systems

- 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

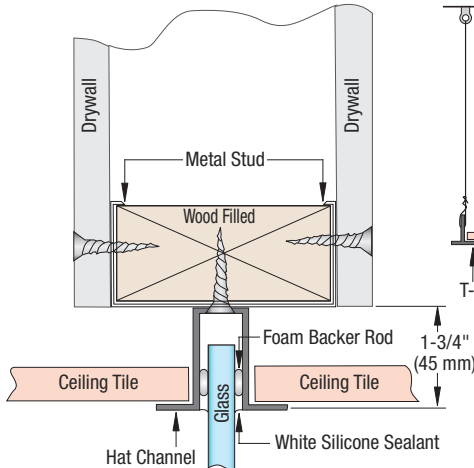


The CRL Hat Channel Door Closer Header is an excellent solution for interior tenant improvement projects with drop ceilings. For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

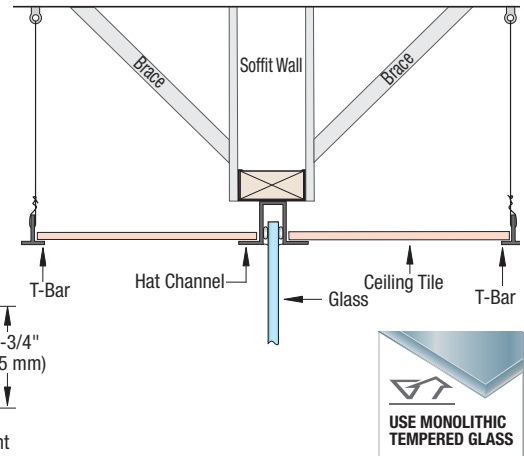
Hat Channel Door Closer Header
Soffit Wall



Hat Channel
Soffit Wall



T-Bar or Drop Ceiling Installations

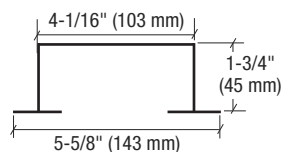


CRL Hat Channel Door Closer Header for Single and Double Doors

- White Finish to Match Ceiling T-Bar
- Surrounded by 'L' Angle to Support Ceiling Tiles



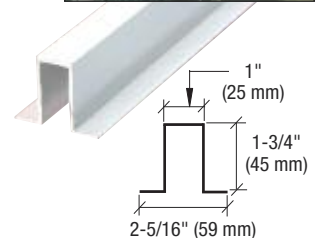
CRL Hat Channel Door Closer Header is designed to be used for an almost invisible look when glass doors and fixed panels are installed in drop ceilings. The Header is connected to a soffit that is 1-3/4\"/>



CRL Hat Channel for Fixed Glazing

- White Finish to Match Ceiling T-Bar
- Accepts 3/8\"/>

Our CRL Hat Channel secures to the bottom of the soffit. It provides a glazing pocket for 3/8\"/>



CAT. NO.	DESCRIPTION	FINISH
HH4WHS	36" (914 mm) Single Door	White
HH4WHD	72" (1829 mm) Double Door	White
HH4WHCS	** Custom Single Door	White
HH4WHCD	** Custom Double Door	White

Minimum order: 1 each. ** Length must be specified when ordering. Maximum length is 96\"/>

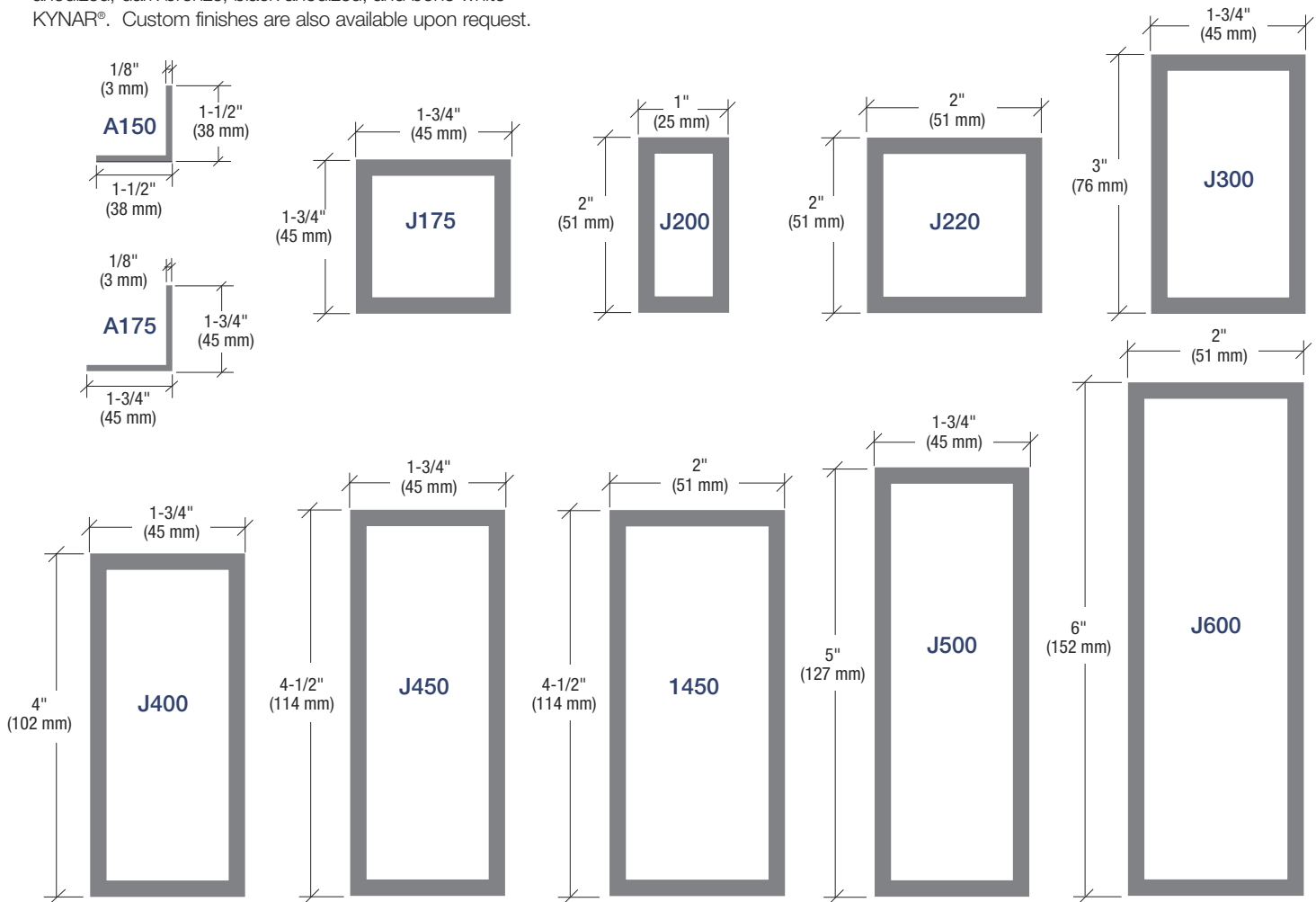
CAT. NO.	DESCRIPTION	FINISH
HC1WHSL	120" (3.05 m) Channel	White
HC1WH240	240" (6.10 m) Channel	White
HC1WHCL	** Custom Channel	White

Minimum order: 1 each. ** Length must be specified when ordering. Maximum length is 240\"/>

CRL Aluminum Extrusions

- Multiple Use Extrusions Available in Four Finishes
- Heavy Wall Tube is Strong Enough for Structural Work
- 6063-T6 Alloy Aluminum

These multi-purpose Extrusions can be used for headers, 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
A15011	A15022	A15033	A15052	1-1/2" x 1-1/2" x 1/8" (38 x 38 x 3 mm)	21' 2" (6.4 m)
A17511	A17522	A17533	A17552	1-3/4" x 1-3/4" x 1/8" (45 x 45 x 3 mm)	21' 2" (6.4 m)
J17511	J17522	J17533	J17552	1-3/4" x 1-3/4" (45 x 45 mm)	21' 2" (6.4 m)
J20011	J20022	J20033	J20052	1" x 2" (25 x 51 mm)	21' 2" (6.4 m)
J22011	J22022	J22033	J22052	2" x 2" (51 x 51 mm)	21' 2" (6.4 m)
J30011	J30022	J30033	J30052	1-3/4" x 3" (45 x 76 mm)	21' 2" (6.4 m)
J40011	J40022	J40033	J40052	1-3/4" x 4" (45 x 102 mm)	24' 2" (7.3 m)
J45011	J45022	J45033	J45052	1-3/4" x 4-1/2" (45 x 114 mm)	24' 2" (7.3 m)
145011	145022	145033	145052	2" x 4-1/2" (51 x 114 mm)	24' 2" (7.3 m)
J50011	J50022	J50033	J50052	1-3/4" x 5" (45 x 127 mm)	24' 2" (7.3 m)
J60011	J60022	J60033	J60052	2" x 6" (51 x 152 mm)	24' 2" (7.3 m)

Minimum order: 1 stock length. All Extrusions can be combined for quantity pricing. Must ship common carrier.

KYNAR® is a registered trademark of Autofina Chemicals, Inc.

go to crlaurence.com to search for

extrusions

Search

or enter the Catalog Number for complete product information

167Z

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

CRL
ALUMINUM

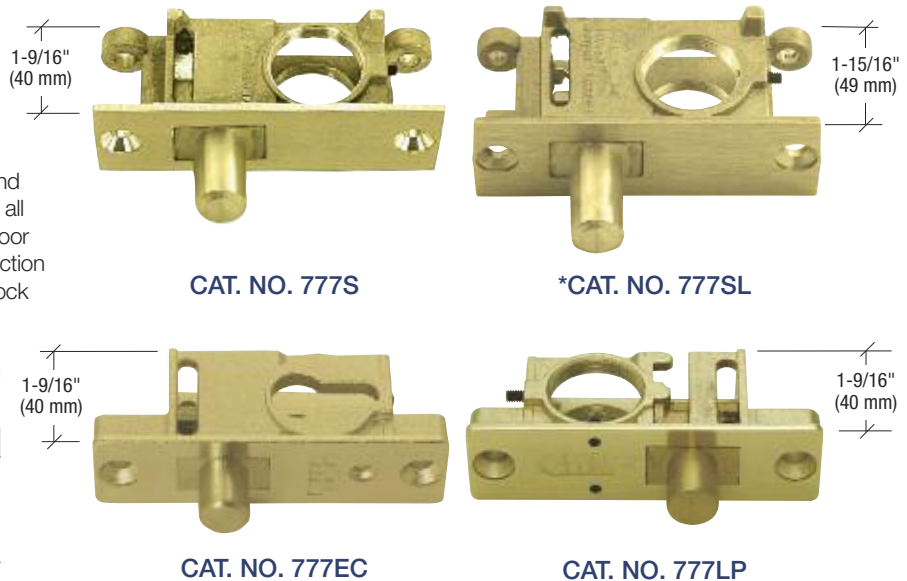
CRL Door Rail Floor Locks

- Solid Brass Construction
- 5/8" (16 mm) Diameter Plunger Bolt
- Four Models Available

CRL Door Rail Floor Locks are available in four models; Standard Mortise, Long Throw Mortise, Standard European, and Low Profile. The 777S Standard Mortise is our default lock on all 4", 6", and 10" (102, 152, and 254 mm) Wedge-Lock® DRS Door Rails. For cases where the standard 11/16" (17 mm) bolt projection is not long enough, we offer the 777SL Long Throw Mortise Lock that has an extended throw at 1-1/16" (27 mm) long. The Standard European model works with our EC3 Series Keyed Cylinders (see page 247Z). Our Low Profile Model is designed to work with our Low Profile DR2 Series Door Rails.

CAT. NO.	DESCRIPTION
777S	Standard Mortise Lock
777SL	Long Throw Mortise Lock
777EC	Standard European Lock
777LP	Low Profile Lock

Minimum order: 1 each. *Cannot be used as direct replacement for 777S.
Custom Rail and Lock preparation is required.



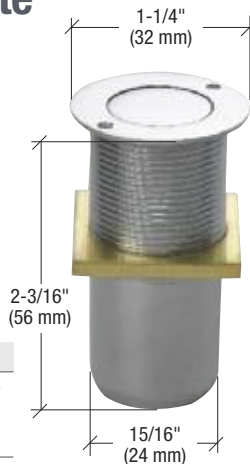
CRL Dustproof Keeper Without Mounting Plate

- Accepts 5/8" (16 mm) Diameter Plunger Bolt

This CRL Dustproof Keeper is intended for use with our AMR205 Patch Lock, 777S, 777SL, 777EC or 777LP 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.

CAT. NO.	FINISH
AMR207PS	Polished Chrome
AMR207BR	Polished Brass
AMR207BN	Brushed Nickel

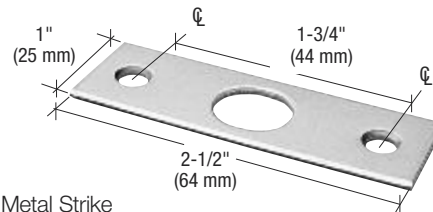
Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL Strike Plate

- Works With Door Rail Floor Lock Bolts

This CRL Metal Strike Plate will work with our AMR205 Patch Lock, 777S, 777SL, 777EC or 777LP 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

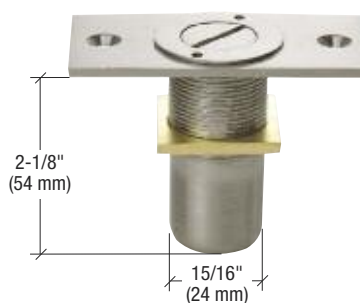
Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Dustproof Keeper With Mounting Plate

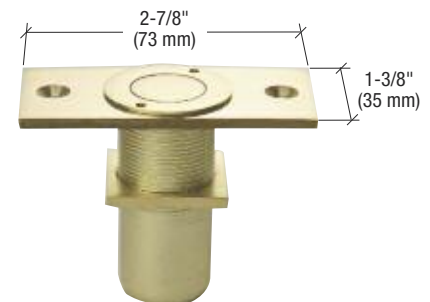
- Available in Up to Five Finishes in Locking and Non-Locking Models
- Accepts 5/8" (16 mm) Diameter Plunger Bolt

LOCKING CAT. NO.	FINISH	NON-LOCKING CAT. NO.
AMR209PS	Polished Chrome	AMR208PS
AMR209BR	Polished Brass	AMR208BR
AMR209BN	Brushed Nickel	AMR208BN
AMR209DU	Black Bronze Anodized	---
AMR209BL	Black	---

Minimum order: 1 each. Finishes can be combined for quantity pricing.



MODEL AMR209
Locking Keeper



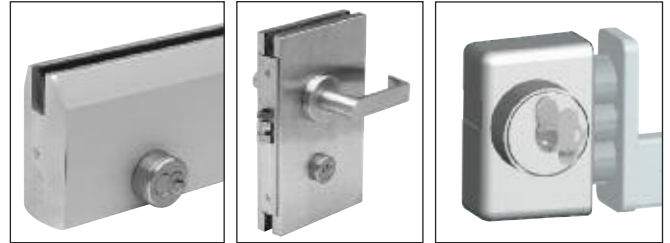
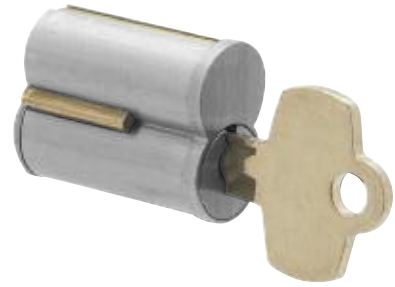
MODEL AMR208
Non-Locking Keeper

The CRL Dustproof Keeper With Mounting Plate works with our 777S, 777SL, 777EC or 777LP 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.

CRL Small Format Interchangeable Cores (SFIC)

- 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
- Mortise or Rim Cylinder Housings Not Included and Must Be Ordered Separately (See Below)

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.
- 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 (see page 171Z).

CRL Mortise and Rim Cylinder Housings for Small Format Interchangeable Cores (SFIC)

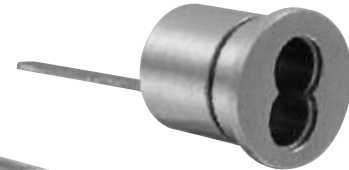
- Compatible With Any 7-Pin SFIC Type Core
- Available in Five Architectural Finishes
- SFIC Cores Must Be Ordered Separately (See Above)

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



Rim Cylinder Housing



Optional Panic Handle Cylinder Ring for Mortise Housing



MORTISE HOUSING CAT. NO.	RIM CYLINDER HOUSING CAT. NO.	PANIC HANDLE CYLINDER RING CAT. NO.	FINISH
1CHBS	2CHBS	MPH1CRBS	Brushed Stainless
1CHDU	2CHDU	---	Black Bronze Anodized
1CHPB	2CHPB	MPH1CRPB	Polished Brass
1CHPS	2CHPS	MPH1CRPS	Polished Stainless
1CHSA	2CHSA	---	Satin Anodized
---	---	MPH1CRORB	Oil Rubbed Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

BEST is a registered trademark of Stanley Security Solutions, Inc.
FALCON and Schlage are registered trademarks of Schlage Lock Company LLC.

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 (see page 171Z).
- When Mortise Housings are used with CRL Blumcraft Panic Handles an optional MPH1CR Series Cylinder must be ordered separately (see chart).

CRL Mortise Cylinder Combination Sets

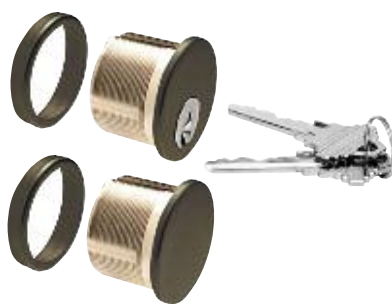
- Choose From Cylinder/Thumbturn, Cylinder/Dummy, or Thumbturn/Dummy Combinations
- Fit All Standard CRL Door Rails With Standard Bottom Rail Lock
- Can Be Used as Replacements for Most Other Manufacturer's Bottom Rail Locks
- Five Architectural Finishes

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, 777SL, and 777LP Door Rail Locks, 777SP Series Strike Plates, and AMR208 Series Dustproof Keepers (see page 168Z). 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, 777SL, and 777LP Door Rail Locks, 777SP Series Strike Plates, and AMR208 Series Dustproof Keepers (see page 168Z). Installation 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).



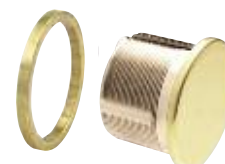
DRA10/DRA10K
Keyed Cylinder



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. *Not for use with 3/4" Glass Door Rail System.

CRL Mortise Cylinders and Thumbturns

- Replacement Cylinders and Thumbturns for All CRL 4" x 10" Center Lock Housings
- Work With Adams Rite® MS Type Locks
- 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.



DRA50
Keyed Cylinder



DRA60
Thumbturn



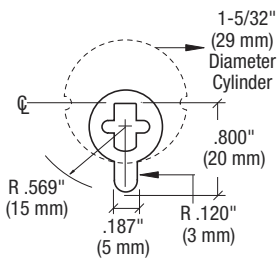
DRA5060
Cylinder/Thumbturn Set

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

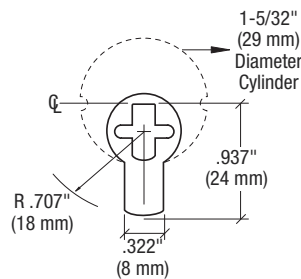
Minimum order: 1 each. Finishes can be combined for quantity pricing.

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.



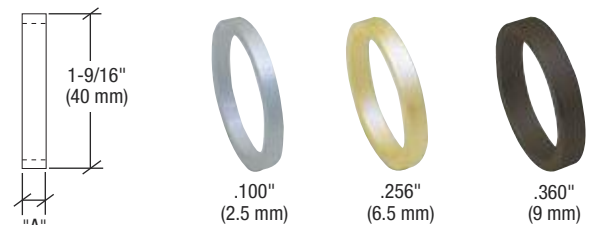
CAT. NO. DRACAM



CAT. NO. DRA10CAM

CRL DRA Series Straight Cylinder Rings

- Three Thicknesses and Five Finishes to Choose From



These CRL Mortise Cylinder Rings fit the DRA Series Cylinders shown above and on opposite page. One per package.

CAT. NO.	"A" THICKNESS	FINISH
DRA100BS	.100" (2.5 mm)	Brushed Stainless
DRA100PS	.100" (2.5 mm)	Polished Stainless
DRA100DU	.100" (2.5 mm)	Bronze Anodized
DRA100PB	.100" (2.5 mm)	Polished Brass
DRA100SA	.100" (2.5 mm)	Satin Anodized
DRA256BS	.256" (6.5 mm)	Brushed Stainless
DRA256PS	.256" (6.5 mm)	Polished Stainless
DRA256DU	.256" (6.5 mm)	Bronze Anodized
DRA256PB	.256" (6.5 mm)	Polished Brass
DRA256SA	.256" (6.5 mm)	Satin Anodized
DRA360BS	.360" (9 mm)	Brushed Stainless
DRA360PS	.360" (9 mm)	Polished Stainless
DRA360DU	.360" (9 mm)	Bronze Anodized
DRA360PB	.360" (9 mm)	Polished Brass
DRA360SA	.360" (9 mm)	Satin Anodized

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.

Minimum order: 1 each. All Cylinder Rings can be combined for quantity pricing.

go to crlaurence.com to search for

door-locks

Search

or enter the Catalog Number for complete product information

171Z

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

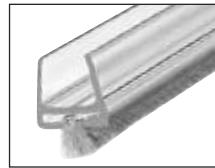
CRL
ALUMINUM

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) Tempered Glass



Split End Caps for 2-5/16" and 4" (59 and 102 mm) Kits



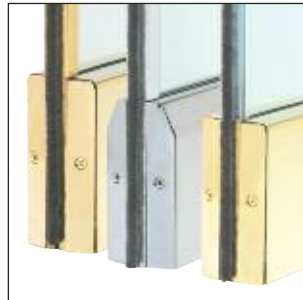
Clear Polycarbonate Weatherstrip



Aluminum Weatherstrip



One Piece End Caps for 6" and 10" (152 and 254 mm) Kits



Full Door Length Wool Pile Weatherstrip



CRL Weatherstrip Kits for 'all-glass' doors are available to fit doors using our 2-5/16" (59 mm), 4" (102 mm), 6" (152 mm), or 10" (254 mm) Door Rails. The Kits include a 98" (2.49 m) length of either Clear Polycarbonate or Aluminum Extrusion (in choice of finish) with 106" (2.69 m) of Wool Pile Weatherstrip, plus a top and bottom Split End Cap with 2-5/16" and 4" (59 and 102 mm) Rails with a Center Weatherstrip Receptacle Bar. A one piece End Cap is used with 6" or 10" (152 and 254 mm) Rails. All Weatherstrip Kits are easy to install using our Transparent Very Hi-Bond Tape (see page 174Z).

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.

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 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 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 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) 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 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.

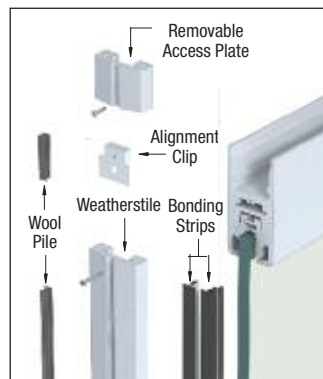
CRL Vertical Weatherstile Kits

- 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 Custom Ordered CRL DRS Wedge-Lock® Door Rails for Both Single and Double Door Applications
- Five Cladded Architectural Finishes

CRL Vertical Weatherstile Kits are for use with custom 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.

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) and custom finishes are available on special order.



Vertical Weatherstile Assembly



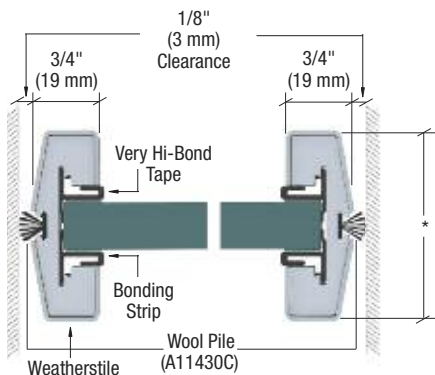
NOTE: CRL Vertical Weatherstiles are intended only for use on newly fabricated doors being installed into a new or existing opening. They cannot be used on existing doors with pre-installed door rails.



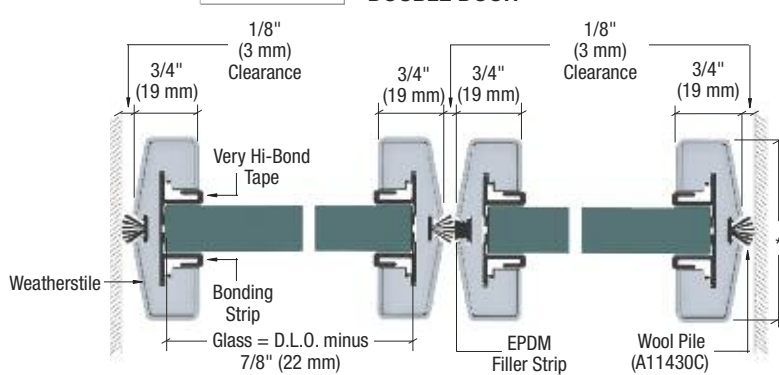
USE MONOLITHIC TEMPERED GLASS



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

120" (3.05 M) KITS CAT. NO.	CUSTOM LENGTH CAT. NO.	CLADDIED FINISH
W12SAS	W12SASC	Satin Anodized
W12DUS	W12DUSC	Black Bronze Anodized
W12BSS	W12BSSC	Brushed Stainless
W12PSS	W12PSSC	Polished Stainless
W12PBS	W12PBSC	Polished Brass

Minimum order: 1 set. Finishes can be combined for quantity pricing. All Weatherstiles have a cladded finish. **NOTE:** CRL recommends that clad finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Must ship common carrier.

KITS FOR 3/4" (19 MM) GLASS

120" (3.05 M) KITS CAT. NO.	CUSTOM LENGTH CAT. NO.	CLADDIED FINISH
W34SAS	W34SASC	Satin Anodized
W34DUS	W34DUSC	Black Bronze Anodized
W34BSS	W34BSSC	Brushed Stainless
W34PSS	W34PSSC	Polished Stainless
W34PBS	W34PBSC	Polished Brass

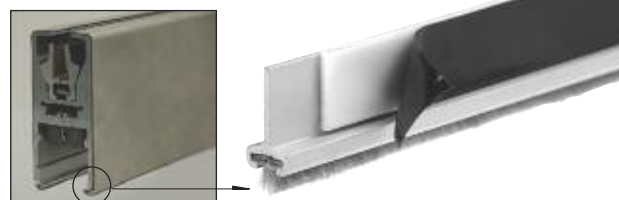
Minimum order: 1 set. Finishes can be combined for quantity pricing. All Weatherstiles have a cladded finish. **NOTE:** CRL recommends that clad finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Must ship common carrier.

CRL Pile Weatherstrip for Door Rails

- Specially Designed to Help Reduce Air and Water Infiltration
- Fits All CRL Door Rails
- Available in Two Finishes

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 35-3/4" (908 mm) Door Rails, or in 144" (3.66 m) stock lengths that can be cut to fit custom door rails.

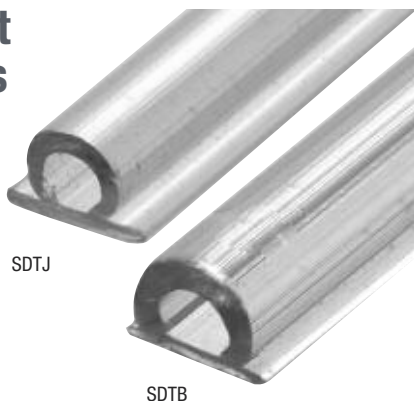


CAT. NO.	TYPE	FINISH	UNIT
DRWSAS	Single Door Rail	Satin Anodized	Set of 2
DRWDUS	Single Door Rail	Black Bronze Anodized	Set of 2
DRWSA144	*Stock Length	Satin Anodized	144" (3.66 m)
DRWDU144	*Stock Length	Black Bronze Anodized	144" (3.66 m)

Minimum order: 1 set or stock length. Finishes can be combined for quantity pricing. Packing Charge added to orders of fewer than five 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.

CRL Translucent Vinyl Bulb Seals

- Two Sizes Available, With or Without Very Hi-Bond Acrylic Tape Pre-Applied
- Can Be Used on Inswing or Outswing Doors



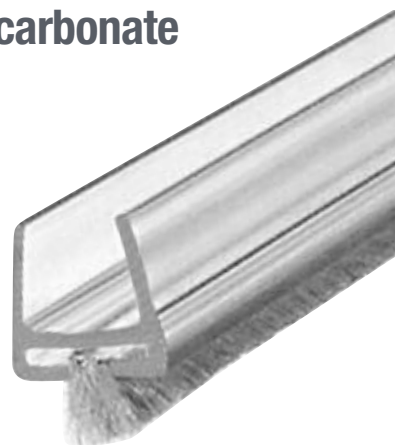
CRL Translucent Vinyl Bulb Seals can be used on inswing or outswing doors. SDTB closes gaps from 5/32" to 7/32" (4 to 5.6 mm); SDTJ closes gaps from 1/8" to 5/32" (3.2 to 4 mm). Available with or without pre-applied Very Hi-Bond Acrylic Tape. For additional information on Tapes, see below.

W/O TAPE CAT. NO.	WITH TAPE CAT. NO.	MAXIMUM GAP	LENGTH
SDTJ	SDTJT2	5/32" (4 mm)	98" (2.49 m)
SDTB	SDTBT2	7/32" (5.6 mm)	98" (2.49 m)

Minimum order: 5 each. Must be ordered in increments of 5. Packing Charge added to orders of fewer than 10 lengths.

CRL Clear Polycarbonate Wipe With Pile Weatherstrip

- Eliminates Drafts Between Doors
- No Tools Required To Install



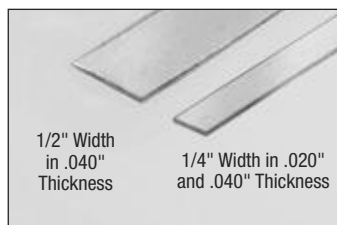
This CRL Clear Polycarbonate with Pile Weatherstrip prevents drafts from entering between glass doors. Simply snap over the edge of 1/2" (12 mm) glass. No tools required to install. Recommended clearance is 5/16" to 3/8" (8 to 10 mm). Stock lengths measure 98" (2.49 m) and can be shipped U.P.S. For replacement wool pile order Cat. No. A11435C.

CAT. NO.	PILE HEIGHT	LENGTH
CW12	3/16" (4.8 mm)	98" (2.49 m)

Minimum order: 1 each. Packing Charge added to orders of fewer than 5 lengths.

CRL Very Hi-Bond Adhesive Tape

- Transparent Acrylic Tape in Choice of Two Widths
- Gains Full Strength Over a 72 Hour Period



CRL Very Hi-Bond Transparent Double-Sided Acrylic Tape is used to attach Pile Weatherstrips to the Door Rail. This Tape possesses a uniform high-tack acrylic adhesive on both surfaces, and will bond to most clean, dry, oil-free substrates. It is non-staining after aged contact, has a solid composition for clean cutting, and is flexible, moldable and compressible, so it can conform to intricate shapes.

Used to replace mechanical fasteners and welds, and wherever a waterproof bond in a wide range of temperature conditions exists. To see our full range of sizes go to crlaurence.com/adhesive-tapes.

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.

CRL Adhesive-Backed Pile Weatherstrip

- Most Economical Way to Reduce Air and Dust Infiltration Around Doors
- Simple Press-On Installation



This CRL Adhesive-Backed Windo-Pile is a water-resistant pile woven with silicone treated polypropylene fibers to resist mold, corrosion, abrasion, and is stabilized against ultraviolet and ozone. The fibers are attached to a polypropylene backing that lasts longer than plastic weatherseals, and has a pressure-sensitive adhesive with a release liner. Especially good for applications on irregular surfaces, helping the weatherstrip conform to surface contours. Helps conserve energy by keeping windows and doors sealed. The color of the pile is light gray.

CAT. NO.	PILE HEIGHT	BACK WIDTH	ROLL LENGTH
A1875C	.200" (5.1 mm)	.187" (4.7 mm)	100' (30.5 m)
A1875B	.200" (5.1 mm)	.187" (4.7 mm)	1100' (335.3 m)
A71320C	.200" (5.1 mm)	.270" (6.8 mm)	100' (30.5 m)
A71320B	.200" (5.1 mm)	.270" (6.8 mm)	700' (213.4 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.



Online Photo Gallery

When you visit the crlaurence.com home page 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.

go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

175Z

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

CRL
US ALUMINUM

CRL 'ALL-GLASS' ENTRANCE SYSTEMS

MORE CHOICES
crlaurence.com/entice

CRL Entice® Series Entrance System

- 1-1/8" (29 mm) Ultra Narrow Vertical Stiles and Mullions With a System Depth of Only 2-1/2" (64 mm)
- Fully Glazed With 1" (25 mm) Insulating Glass
- Thermally Broken Framing and Cladding
- Optional 2-5/8" (67 mm) Narrow Stiles for Door Stile Mounted Panic Exit Device Compatibility
- Standard 4" (102 mm) Top and Bottom Rails
- Optional 10" (254 mm) A.D.A. Bottom Rails Available
- Works With Blumcraft® Panic, Deadbolt, and Electronic Egress Handles
- Handle Hardware "Floats" on the Glass Via Specialized Through-Glass Fittings
- Title 24 Compliant
- NFRC Rated



Premium storefronts have one purpose, to 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.

NEW!



U.S. Patent 9,074,413

- U-Factors as Low as 0.33
- Satisfies ASHRAE 90.1-2016 Air Infiltration Criteria
- Optional High Performance Reduced Sound Transmission Door Seal Kits
- 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

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-U.S. Aluminum technologies, as well as two patent pending innovations that assure enhanced performance, durability, and reliability.

For additional product information, visit our web site at usalum.com or contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. Ask for Ext. 5305. You can e-mail us at usalum@crlaurence.com.



go to crlaurence.com to search for

entice

Search

or enter the Catalog Number for complete product information

176Z

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

CRL
U.S. ALUMINUM

CRL Entice® Series Entrance System

- Premium Appearance With Enhanced Performance, Reliability, and Durability

Standard 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. Complies with AAMA SFM-1-14 Specifications for Aluminum Storefront and Entrances.

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 rails 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.

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:

Sidelite Rails

- 4" (102 mm) Square
- 10" (254 mm) Square

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).

NEW!



U.S. Patent 9,074,413



Now Available With Glass Fins for Added Versatility and Structural Support

An upgrade to the Entice® Entrance System, the Clear Fin Series comes equipped with floor-to-ceiling tempered glass support fins that can be applied to entrance heights of up to 14 feet (4.3 m). The Entice® Clear Fin Series features vertical glass fins with a 14" (356 mm) depth and narrow 1-5/8" (41 mm) wide mounts that together enhance the existing all-glass aesthetic. The glass fins are used in place of conventional metal mullions for added structural support. Intermediate horizontal mullions can be utilized to allow integration of multi-panel fixed lites.



CRL 'ALL-GLASS' ENTRANCE SYSTEMS

MORE CHOICES
crlaurence.com/entice

CRL Entice® Series Entrance System

NEW!



U.S. Patent 9,074,413

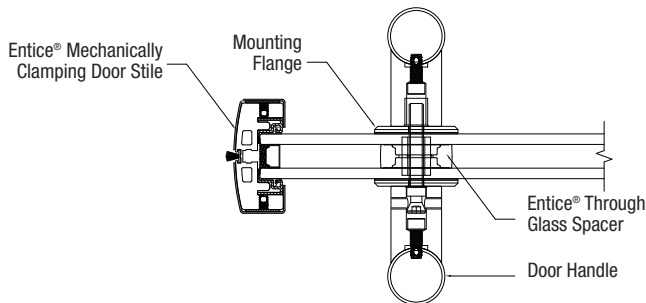


Supports Handle Hardware
on 1" (25 mm)
Insulating Glass

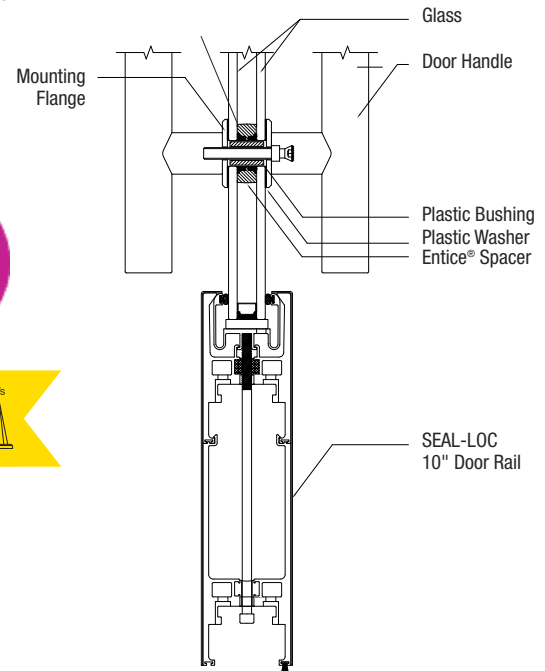


The New Look of Thermal Performance + Aesthetics

- Never Again Specify One at the Expense of the Other



Section Through Door Stile and Handle



Section Through Optional 10" (254 mm)
A.D.A. Door Rail and Handle

go to crlaurence.com to search for

entice

Search

or enter the Catalog Number for complete product information

178Z

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



Convey a More Dramatic Entrance by Specifying the Entice® Lighting System



Entice® Series Entrance System During Daytime Hours

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.

For additional product information, visit our website at usalum.com or contact U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. Ask for Ext. 5305. You can e-mail us at usalum@crlaurence.com

- Attractive and Safe Low Voltage LED Lighting Fully Integrated, Prewired and Serviceable
- Low Voltage for Safety
- Large Range of Emitted Light Colors Available
- LED Modules Resistant to Harsh Weather Conditions
- LED Modules are Concealed Behind a Flush Lens

- Accent Lighting Can Be Applied Along the Bottom or Top and Bottom
- Electricity is Transferred Through Pivot, Eliminating Exposed Conduits
- Visible During Daylight Hours

NEW!



Entice® Series Entrance System During Evening Hours

go to crlaurence.com to search for

entice

Search

or enter the Catalog Number for complete product information

179Z

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



CRL Blumcraft® 1301 Series Entrance Doors and Sidelites

- 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) for 1/2" (12 mm) Glass
- Rails as Slim as 1" x 3/4" (25 x 19 mm) for 5/8" and 3/4" (16 and 19 mm) Glass
- Complete With Egress Handle if Required
- Available With Panic Hardware and Magnetic Locks
- For Herculite™ + Style Doors



BLUMCRAFT®

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



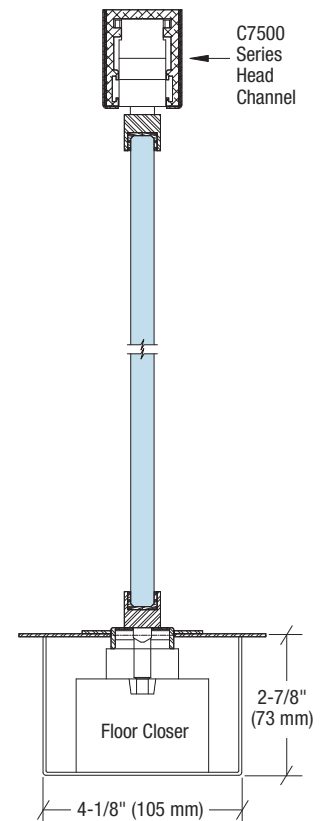
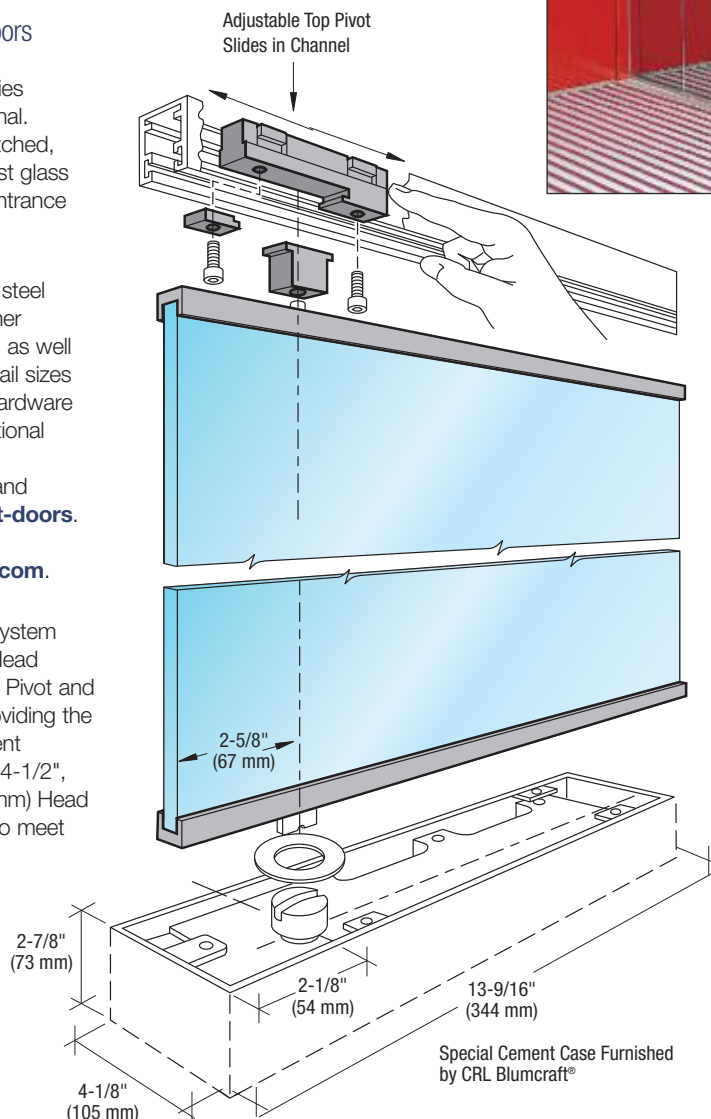
CRL Blumcraft® 1301 Series Entrance Doors are the original. Often imitated but never matched, this system provides the most glass with the least metal of any entrance door system in the industry.

Made from solid stainless steel or bronze and finished in either brushed or polished 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 sites at crl-arch.com and crlaurence.com/blumcraft-doors. You can also send e-mail to architectural@crlaurence.com.

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:

Maximum door sizes when using this product is 42" W x 108" H (1067 x 2743 mm). CRL follows GANA Guidelines (see page 114Z).



Typical Installation With Floor Mounted Door Closer

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

blumcraft-doors

Search

or enter the Catalog Number for complete product information

180Z

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



CRL Blumcraft® 1301 Series Entrance Doors and Sidelites



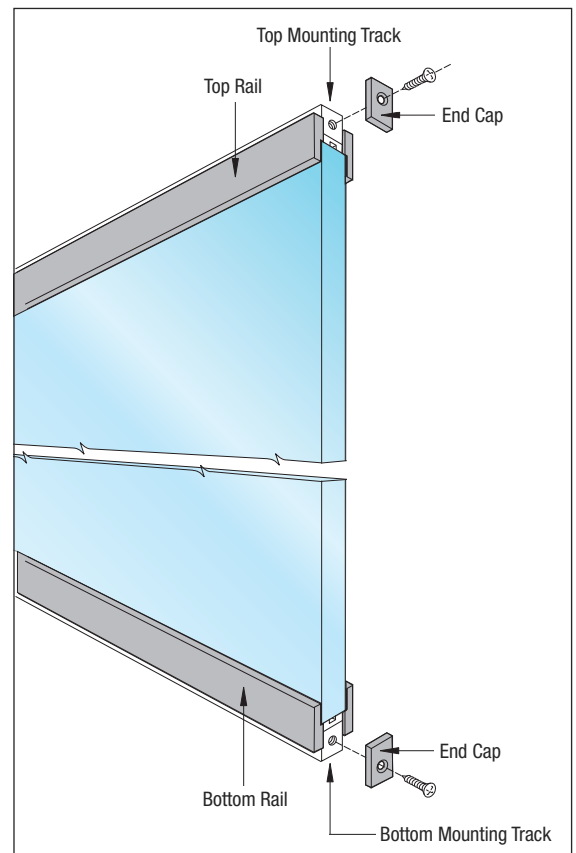
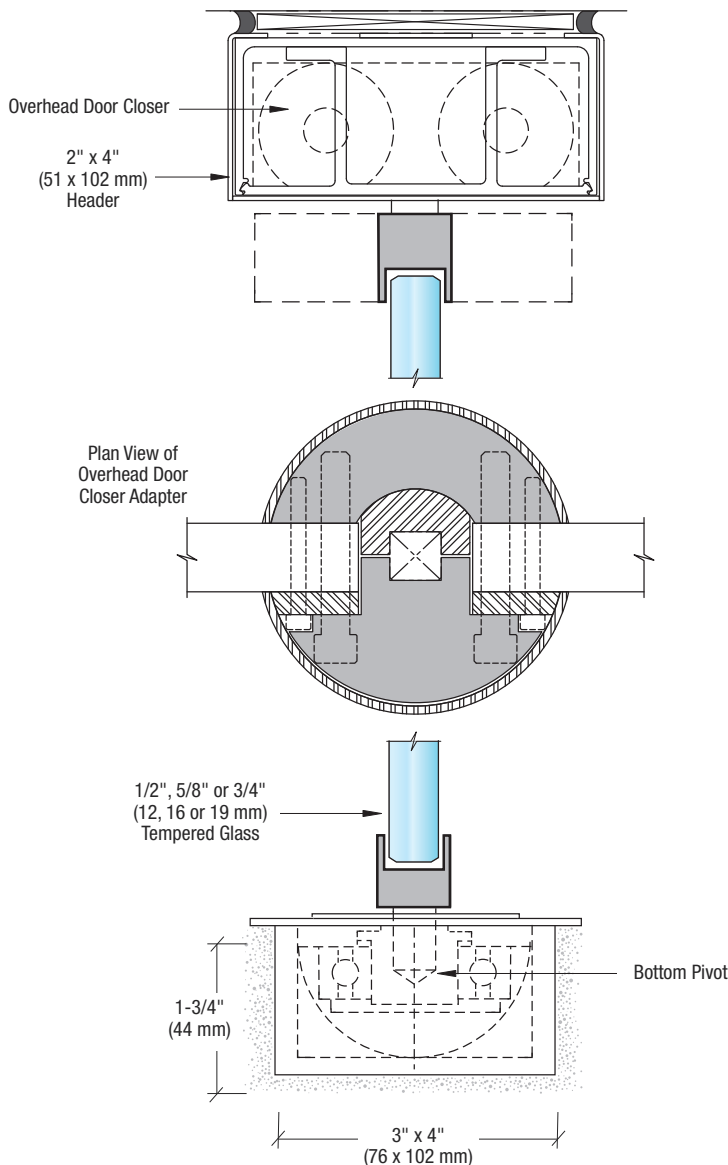
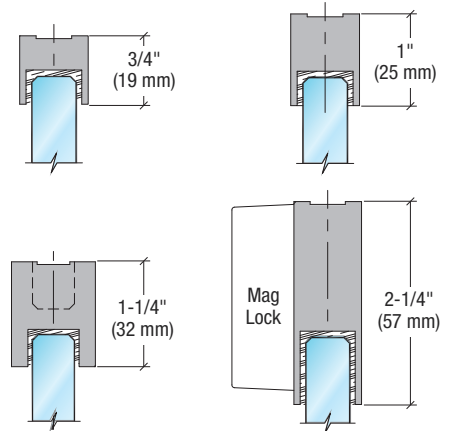
BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

- Compatible With Overhead Door Closers
- For Herculite™ + Style Doors

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) tall Top Rail with Sideload Adaptor and specially designed Bottom Pivot make this application clean and simple, while maintaining the "more glass, less metal" theme.



Slim Rail Options



• 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 159Z).

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, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

blumcraft-doors

Search

or enter the Catalog Number for complete product information

181Z

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



CRL Blumcraft® 1301 Series Display Case Doors and Sidelites

- Fully Glazed With 3/8" or 1/2" (10 or 12 mm) Laminated or Tempered Glass
- Five Standard Architectural Finishes
- Custom Finishes Available



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



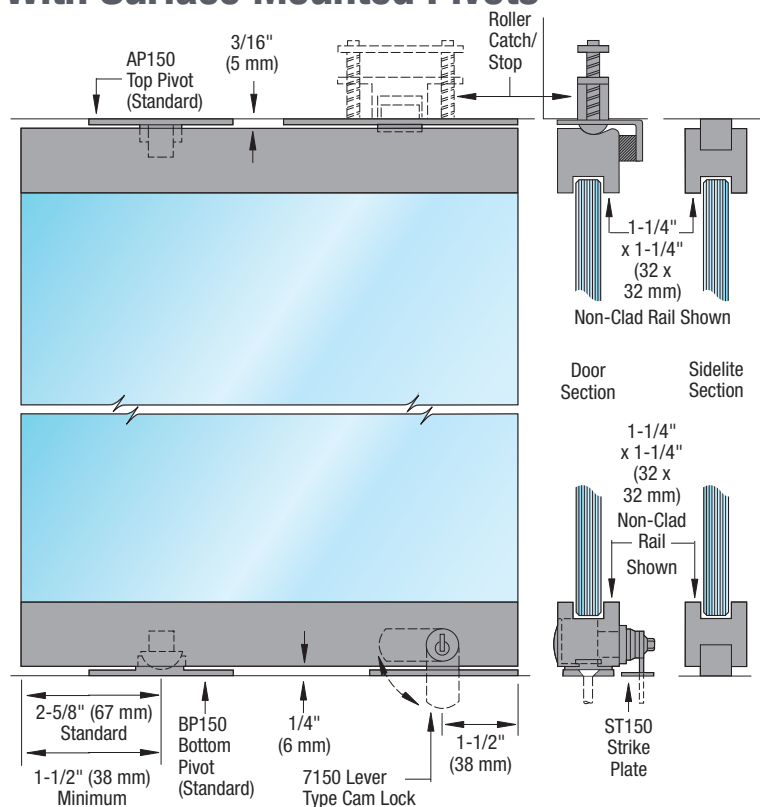
CRL Blumcraft® 1301 Series Display Case Doors and Sidelites provide the most clear viewable area of any heavy glass display case system available today. Top and bottom rails measure only 1-1/4" x 1-1/4" (32 x 32 mm), and are prepped for pivots and locks.

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 and locks. Both are available with center 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 are available on special order.

1301 Series Display Case Doors and Sidelites are available with 3/8" or 1/2" (10 or 12 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



- Supplied Fully Glazed
- Surface Mounted Pivots
- Vertical Stiles Available
- 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 Ext. 7700. You can also send e-mail to architectural@crlaurence.com.



OR



CRL Blumcraft® 1301-CM Series Display Case Doors and Sidelites With Continuous Mounting Bars

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

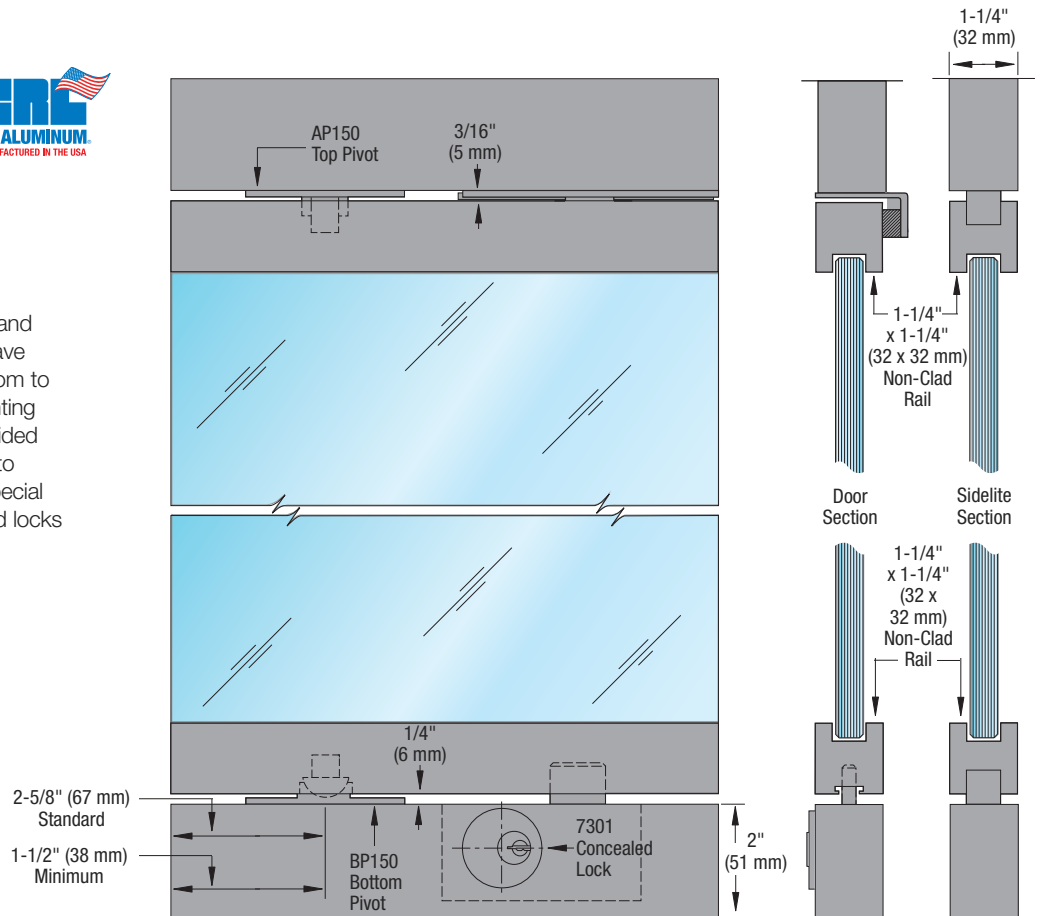
- Supplied Fully Glazed
- Concealed Pivots and Lock for Added Security
- Accepts Standard Mortise Cylinder



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.



or

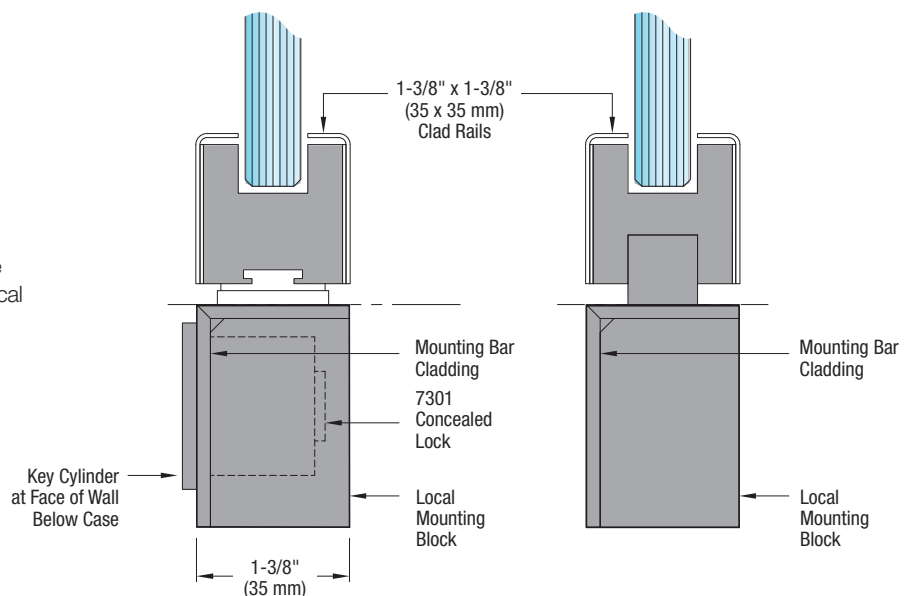


7301 Concealed Lock Used With Series 1301-CM
Display Case Doors and Continuous Mounting Bars

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" or 1/2" (10 or 12 mm) glass, either tempered or laminated, in clear, tinted, low-iron, anti-reflective, or specialty glass upon request.

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 Ext. 7700. You can also send e-mail to architectural@crlaurence.com.



CRL Blumcraft® 150 and 250 Series Doors and Sidelites

- Narrow Profile Rails Fully Glazed With 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass
- Vertical Stiles Included on Series 250 Doors
- Six Standard Architectural Finishes
- Custom Finishes Available
- Available With Matching Fully Glazed Sidelites
- Herculite™ + Style Doors



CRL Blumcraft® 150 and 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 (250 Series Only) 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 and 250 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" wide x 108" (1067 x 2743 mm) tall.

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 and 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.

Fully glazed sidelites are available to match the 150 and 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 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 email to architectural@crlaurence.com.



150 Series Door
Shown With PA100D Panic Handle



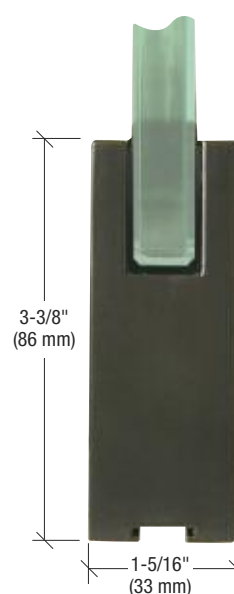
250 Series Door
Shown With DB170JS Deadbolt Handle
(Includes Vertical Stiles)



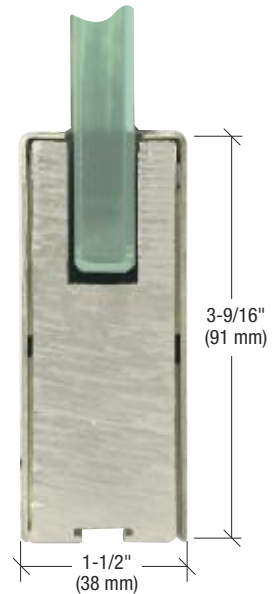
Aluminum
250 Series Vertical Door Stile Shown
Without Weatherstripping



Bronze or Stainless Steel
250 Series Vertical Door Stile Shown
With Weatherstripping



**Solid Narrow Rail
Non-Clad**



**Solid Narrow Rail
Clad**

Typical Top or Bottom Rail for
150 and 250 Series Doors and Sidelites

CRL Blumcraft® 1200 Series Doors



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



- For Interior Use Only
- 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
- Herculite™ + Style Doors

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.

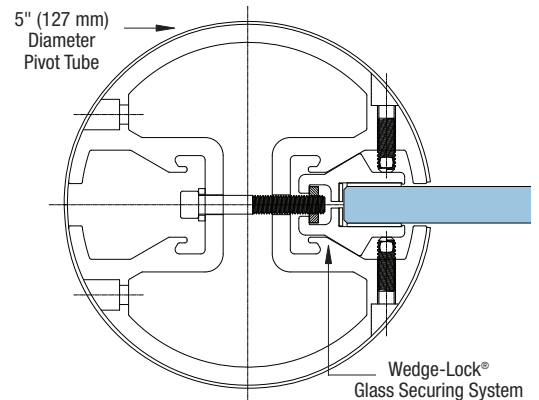
With no rails 'top and bottom' the entire weight of the door is transferred through the Pivot Tube to a specially engineered, heavy-duty, load-bearing cement case, independent of the floor mounted door closer. 1200 Series Doors utilize a heavy-duty walking beam pivot at the top of the Pivot Tube that 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



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 CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send email to architectural@crlaurence.com.

Herculite is a registered trademark of PPG Industries, now Vitro

CRL 1202 Series Interior Glass Door System

- Unique Concealed Closer Design Within Vertical Post; No Floor Closer Required
- For 3/8" or 1/2" (10 or 12 mm) Monolithic Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- Double Acting Hold or No Hold Open Options
- Brushed and Polished Stainless, Satin Anodized, Bronze Anodized, Polished Brass, and Custom Finishes Available Upon Request
- Custom Made to Your Specifications
- Door Only, Door With Transom/Wall or Transom/Sidelite Configurations Available
- Optional Top and Bottom Low Profile Rails With or Without Locks
- Three Spring Size Models Available for Doors Up to 172 Pounds (78 kg) Maximum
- Herculite™ + Style Doors



or



Our 1202 Series Doors are designed for interior commercial or residential use. The doors are an offshoot of our Wedge-Lock® Door Rail System.

Our engineers developed a unique In-Rail Closing Mechanism which is concealed in the vertical post, eliminating the need for large closers in the floor. The mechanism always returns the door to the closed position, and the closing speed is adjustable.

NOTE: All swinging doors are custom fabricated to your specifications. Maximum door height is 96" (2438 mm). Most orders can be fabricated in five to ten 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, and ask for Ext. 7700. You can also send email to architectural@crlaurence.com.

**NO FLOOR CLOSER
REQUIRED**



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for
interior-door-hardware

Search

or enter the Catalog Number for complete product information

186Z

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

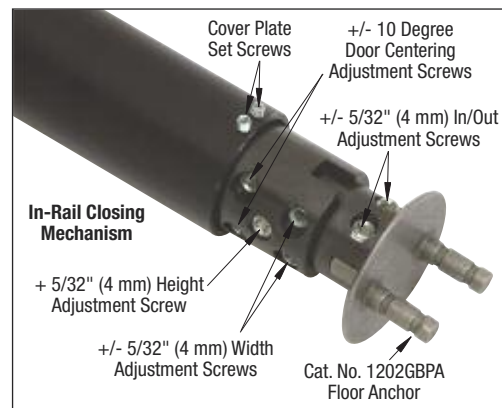


CRL 1202 Series Interior Glass Door System

- Door Only, Door With Transom/Wall or Transom/Sidelite Configurations Available
- Optional Top and Bottom Low Profile Rails With or Without Locks
- Three Spring Size Models Available for Doors Up to 172 Pounds (78 kg) Maximum
- Custom Made to Your Specifications
- Herculite™ + Style Doors



NO FLOOR CLOSER REQUIRED



Bottom In-Rail Closing Mechanism with Floor Anchor



or



MAXIMUM CAPACITIES

SPRING CLOSER SIZE	DOOR WEIGHT	APPROXIMATE OPENING FORCES
1	Up to 110 lbs. (50 kg)	4.4 lbs. (2 kg)*
2	Up to 132 lbs. (60 kg)	7.1 lbs. (3.2 kg)
3	Up to 172 lbs. (78 kg)	9.5 lbs. (4.3 kg)

*Primarily for small 3/8" (10 mm) glass doors.

Standard Configurations



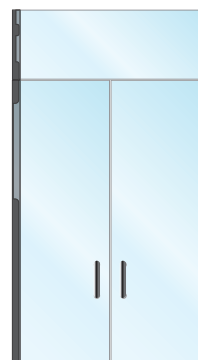
1202 Door Wall Mount



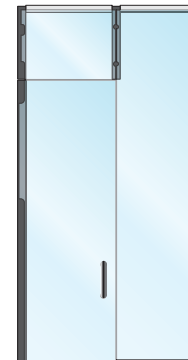
1202 Double Door Wall Mount



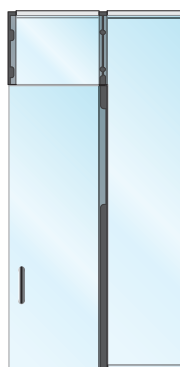
1202 Transom Door Wall Mount



1202 Transom Double Door Wall Mount



1202 Transom Door With Sidelite Wall Mount



1202 Transom Door With Sidelite Glass Mount



1202 Transom Door With Sidelites Glass Mount



1202 Transom Double Door With Sidelites Glass Mount

Herculite is a registered trademark of PPG Industries, now Vitro.

go to crlaurence.com to search for

interior-door-hardware

Search

or enter the Catalog Number for complete product information

187Z

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



CRL Laguna Series Pivot Door System

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- All 316 Grade 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
- For Herculite™+ Style Doors



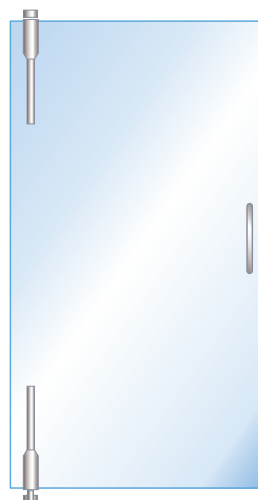
Our Laguna Series Hardware brings a contemporary look to interior home or office partitions. Made of 316 grade stainless steel, it will give years of reliable function and modern beauty to your projects.

The CRL Laguna Series 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. Ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.



Visit crlaurence.com/laguna for additional individual parts and configuration ideas.



CAT. NO. LS520BS

Brushed Stainless

CAT. NO. LS520PS

Polished Stainless

Flush Mount Fasteners



CAT. NO. LS521BS

Brushed Stainless

CAT. NO. LS521PS

Polished Stainless

Surface Mount Fasteners

DOOR SYSTEM LIMITATIONS

Maximum Door Weight: 176 Lbs. (80 kg)

Maximum Panel Width: 47-1/4" (1.2 m)

Maximum Panel Height: 98-1/2" (2.5 m)

If the door exceeds any of these limitations, full door rails should be used.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

laguna

Search

or enter the Catalog Number for complete product information

188Z

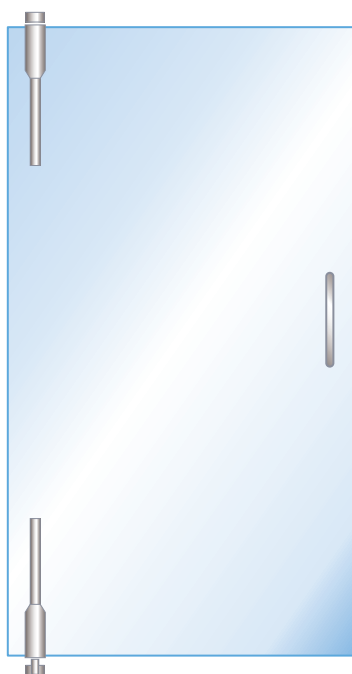
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
 From Anywhere in the U.S. or Canada

CRL
 U.S. ALUMINUM

CRL Laguna Series Pivot Door Basic Hardware Sets



- Choice of Three Different Free Swinging Top Pivot Systems
- For Herculite™ + Style Doors



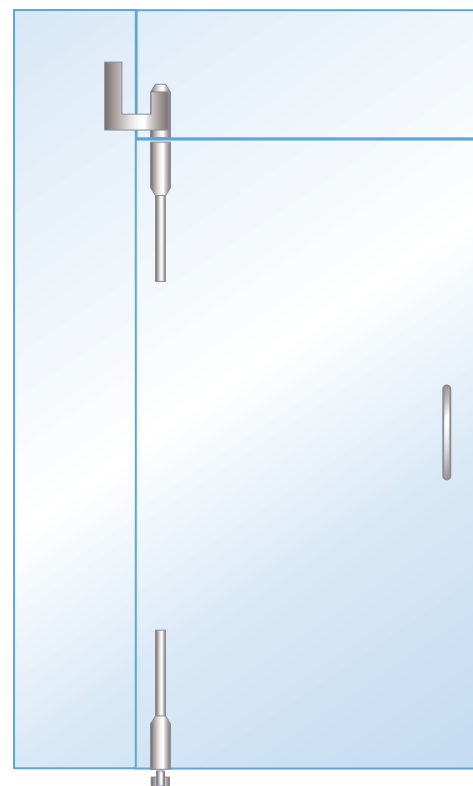
CAT. NO. LS14BS

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.

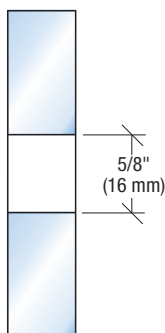


CAT. NO. LS34BS

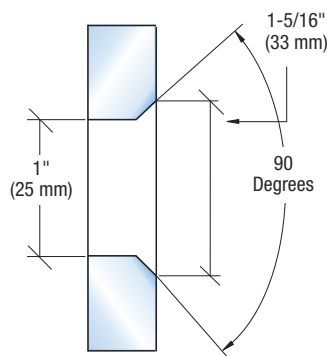
The LS34BS Hardware Set consists of:
1 each LS3BS Transom/Sidelite Free Swinging Top Pivot
1 each LS5BS Top and Bottom Pivot Rod Set
(Closers or Bottom Pivots are sold separately)
Minimum order is one set. Can be combined with other Pivot Door Sets for quantity pricing.

Dual Fabrication Options for the Laguna Series Pivot Door System

- Surface Mount Detail



- Flush Mount Detail



NOTE: Laminated glass cannot be used with this hardware.



Additional Laguna Series accessories are available to meet various job conditions or requirements. Please refer to pages 190Z and 191Z for accessory fittings and system components. See pages 286Z to 295Z for our selection of Glass Door Pull Handles, which must be ordered separately.

Herculite is a registered trademark of PPG Industries, now Vitro

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. Ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

CRL Replacement Parts for Laguna Series Pivot Doors

CRL Standard Top and Bottom Pivot Rods

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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 Laguna Fittings 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.



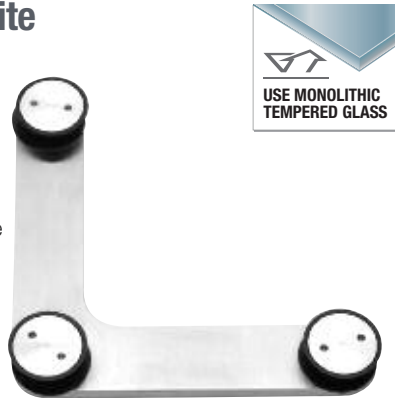
CAT. NO.	FINISH
LS1BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Transom/Sidelite Support Bracket

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

This Glass Mounted Door Stop Fitting is used individually or in pairs to prevent the door from swinging in one direction.



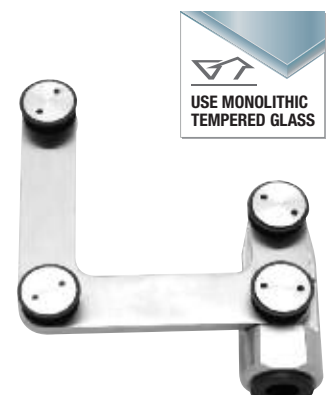
CAT. NO.	FINISH
LS9BS	Brushed Stainless

Minimum order: 1 each. Can be combined with other Laguna Fittings for quantity pricing.

CRL Transom/Sidelite Free Swinging Top Pivot Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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

CRL Top and Bottom Pivot Rods for Full Height Vertical Rod Insert



- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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. The Wrench adjusts from 5/16" to 1-5/16" (8 to 33 mm) center-to-center. 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 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)
- Herculite™+ Style Doors



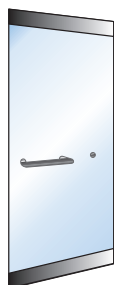
To See Our Complete Line of Balanced Doors, See Pages 458Z-464Z.

CRL 'All-Glass' Frameless Balanced Doors offer all of the performance benefits of a standard Balanced Door without compromising the improved aesthetics offered by 'All-Glass' entrances and storefronts. CRL '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.

For design assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 in Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

CRL Blumcraft® BP100 Series Panic Handles for Balanced Doors

- 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
- Custom Finishes Available By Special Order
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze



Handle A-BP

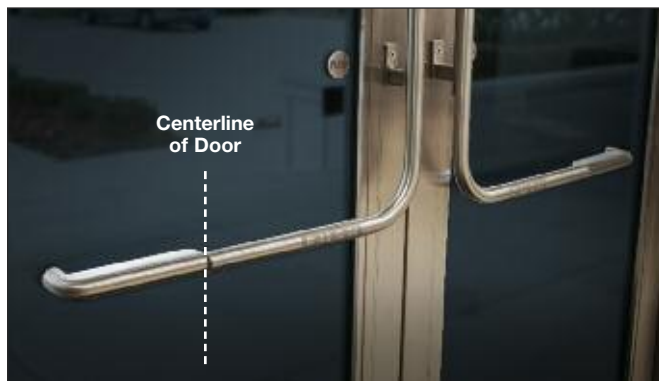


Handle D-BP



Handle B-BP

NOTE: Exterior Fixed Handles shown here can be used in combination with our BP100 Series Panic Handle. For additional Exterior Fixed Handle options, see page 255Z.



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

UL and ULC are registered trademarks of UL LLC.
Herculite is a registered trademark of PPG Industries, now Vitro

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.

For design assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 in Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

CRL Frameless Storefront and Entrance Patch Hardware

- 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
- For Herculite™ + Style Doors



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 their 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.

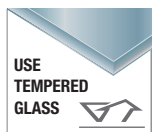
A standard aluminum framed storefront system consists of vertical and horizontal extrusions that distract the eye from the merchandise on display. A storefront system using Patch Hardware has minimal distractions, and creates an almost frameless appearance. The result is customer concentration on the 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, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

Common Applications:

- Mall Fronts
- Retail Outlets
- Hotels
- Arenas and Museums
- Professional Office Buildings
- Restaurants and Clubs



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

193Z

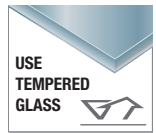
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL
ALUMINUM

CRL Frameless Storefront and Entrance Patch Hardware

Popular Herculite™+ Style Door Configurations

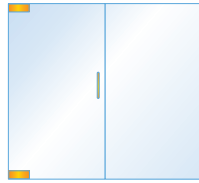
For additional information go to crlaurence.com/patch-hardware.



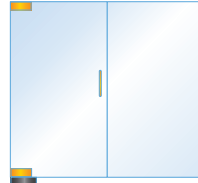
Single Door With Top and Bottom Pivots



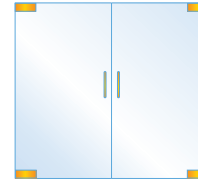
Single Door With Floor Closer



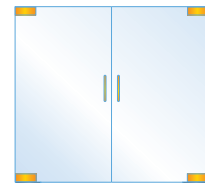
Single Door and Sidelite With Top and Bottom Pivots



Single Door and Sidelite With Floor Closer



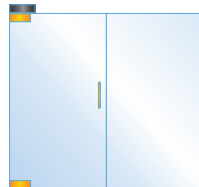
Paired Doors With Top and Bottom Pivots



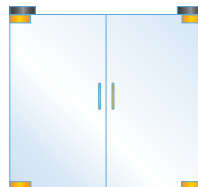
Paired Doors With Floor Closers



Single Door With Concealed Overhead Closer



Single Door and Sidelite With Concealed Overhead Closer



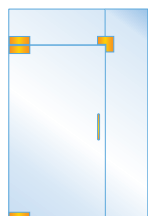
Paired Doors With Concealed Overhead Closers



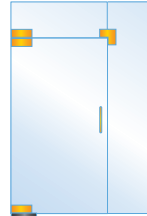
Single Door and Transom With Top and Bottom Pivots



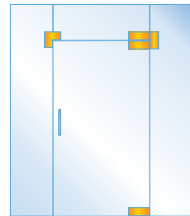
Single Door and Transom With Floor Closer



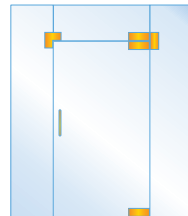
Single Door, Transom and Sidelite With Top and Bottom Pivots



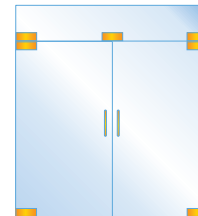
Single Door, Transom and Sidelite With Floor Closer



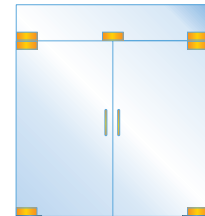
Single Door, Transom and Sidelites With Top and Bottom Pivots



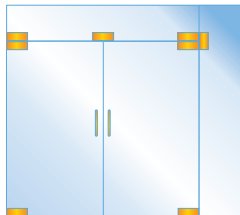
Single Door, Transom and Sidelites With Floor Closer



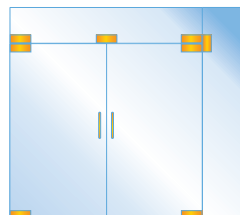
Paired Doors and Transom With Top and Bottom Pivots



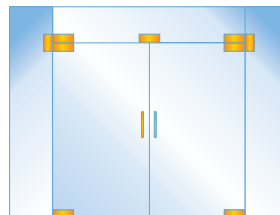
Paired Doors and Transom With Floor Closers



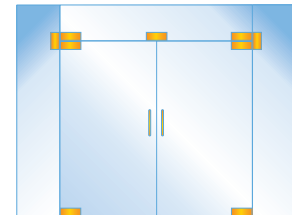
Paired Doors, Transom and Sidelite With Top and Bottom Pivots



Paired Doors, Transom and Sidelite With Floor Closers

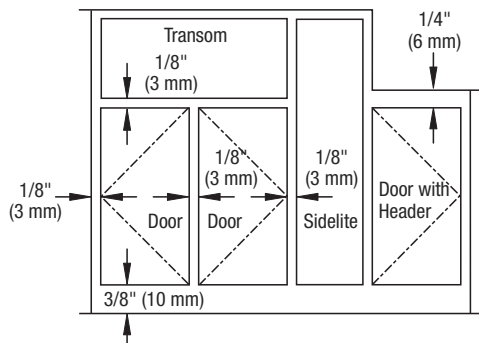


Paired Doors, Transom and Sidelites With Top and Bottom Pivots



Paired Doors, Transom and Sidelites With Floor Closers

STANDARD HARDWARE/GLASS CLEARANCES:



- CLEARANCES ARE FOR TYPICAL CONDITIONS WITH PLUMB AND SQUARE OPENINGS
- FLOOR CLEARANCE APPLIES FOR MANUAL PIVOT OR FLOOR CLOSER
- ADD FOR THRESHOLD THICKNESS AS REQUIRED

SUPPORT FINIS:

As a general guide, when the height of the transom, plus the width of the side panel exceeds a total of 47" (1200 mm), a Support Fin is needed. This will cope with loads imposed on the assembly by the action of the door, or doors, and external wind loads. The Support Fins will be securely fixed to a suitably rigid structure at the top of the assembly.

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

194Z

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

CRL
ALUMINUM

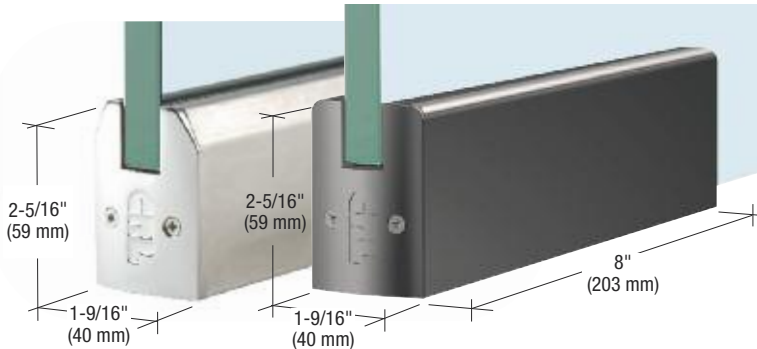
CRL 'ALL-GLASS' ENTRANCE SYSTEMS

MORE CHOICES
crlaurence.com/door-rails

CRL 2-5/16" Low Profile Dry Glaze Patch Door Rails



For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



Tapered Style

Square Style



Notch Required in Glass.
Template available at
crlaurence.com.

ARCHITECTURAL SPECIFICATIONS

- 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 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors

2-5/16" (59 MM) 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. Laminated Glass thickness up to 0.531 (13.5 mm).

2-5/16" (59 MM) 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. Laminated Glass thickness up to 0.531 (13.5 mm).

Herculite is a registered trademark of PPG Industries, now Vitro



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:

- CRL recommends that rigid Ionoplast™ interlayer must be used with laminated tempered glass.
- End Caps are included with all Low Profile Patch Door Rails.
- Works with **DRA5060** Mortise Cylinders only (see page 171Z).
- 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 Standard End Caps or **DRSEC2** for the Split End Caps.
- For Handles see pages 286Z-295Z.



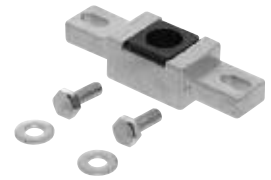
USE MONOLITHIC
TEMPERED GLASS

OR

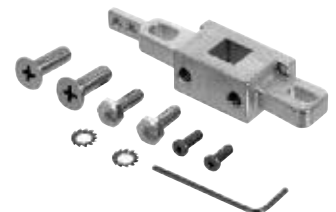


USE LAMINATED
TEMPERED GLASS

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).



CAT. NO. 1NT703
Top Pivot Insert



CAT. NO. 1NT704
Top Closer Insert



CAT. NO. 1NT701
Bottom Pivot Insert

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

195Z

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



CRL 'ALL-GLASS' ENTRANCE SYSTEMS

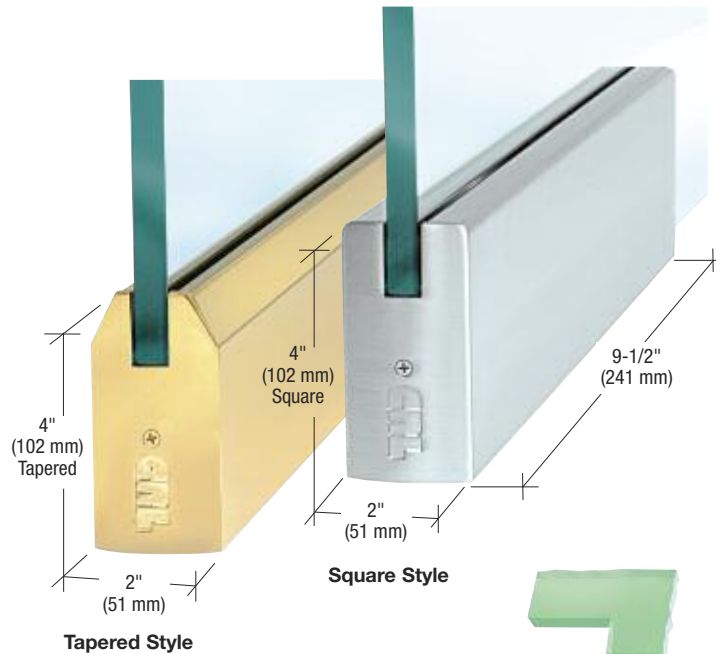
MORE CHOICES
crlaurence.com/door-rails

CRL 9-1/2" Dry Glaze Patch Door Rails

For 3/8" or 1/2" (10 or 12 mm) Tempered 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



- 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 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors

Notch Required in Glass.
Template available at
crlaurence.com.

ARCHITECTURAL
SPECIFICATIONS

Ordering Information:

- CRL recommends that rigid Ionoplast™ interlayer must be used with laminated tempered glass.
- All Patch 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 Standard End Caps or **DRSEC4** for the Split End Caps.
- For Handles see pages 286Z-295Z.



USE MONOLITHIC
TEMPERED GLASS



USE LAMINATED
TEMPERED GLASS

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

4" (102 MM) 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

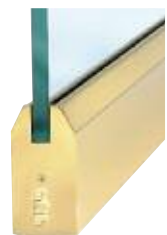
Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range 0.421" (10.7 mm) to 0.563" (14.3 mm).

4" (102 MM) 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. Laminated Glass thickness range 0.421" (10.7 mm) to 0.563" (14.3 mm).

Herculite is a registered trademark of PPG Industries, now Vitro



4" Tapered



4" Square

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

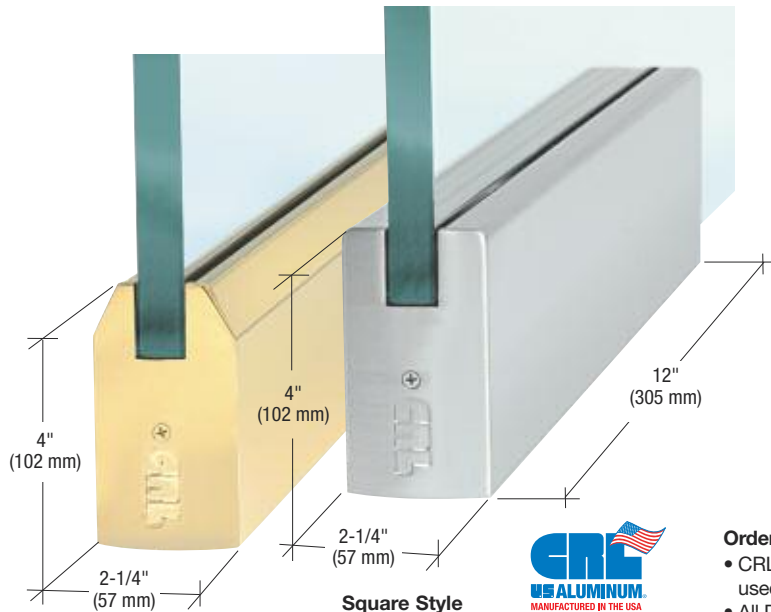
196Z

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



CRL 12" Dry Glaze Patch Door Rails

For 5/8" or 3/4" (16 or 19 mm) Tempered Glass



Tapered Style

Square Style



Notch Required in Glass.
Template available at
crlaurence.com.

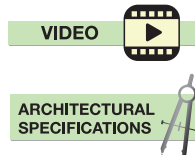


Patented Wedge-Lock® Glass Securing System
U.S. Patents 6,434,905 and 6,912,818 B2.
Canadian Patent 2,419,706
European Patent EP1 404 939 B1

Ordering Information:

- CRL recommends that rigid Ionoplast™ interlayer must be used with laminated tempered glass.
- 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 Standard Caps and **DRSEC4** for the Split End Caps.
- For Handles see pages 286Z-295Z.

- 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 Business Days
- Matching Sidelite Rails Available
- For Herculite™ + Style Doors



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

4" (102 MM) 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

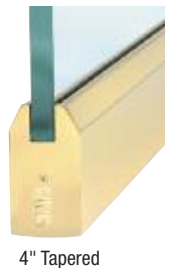
Minimum order: 1 each. All Door Rails can be combined for quantity pricing. *Clad finish. Laminated Glass thickness range 0.669" (17.0 mm) to 0.813" (20.6 mm).

4" (102 MM) 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. Laminated Glass thickness range 0.669" (17.0 mm) to 0.813" (20.6 mm).

Herculite is a registered trademark of PPG Industries, now Vitro



4" Tapered



4" Square

go to crlaurence.com to search for

door-rails

Search

or enter the Catalog Number for complete product information

197Z

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



CRL North American Patch Door Kits for Free-Swinging Doors

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- With or Without Locks
- For Herculite™ + Style Doors

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. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHA1 Kit Without Lock Includes:

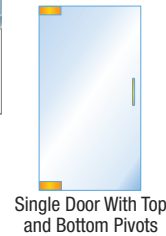
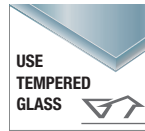
- 2 Each **AMR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT401** Top Free-Swinging Pivot
- 1 Each **1NT403** Bottom Adjustable Pivot
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHA1L Kit With Lock Includes:

- 2 Each **AMR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT401** Top Free-Swinging Pivot
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **AMR205** Patch Lock
- Cylinders, Thumbturns and Keepers are sold separately, see pages 170Z-171Z
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA1A	PHA1LA	Satin Anodized
PHA1DU	PHA1LDU	Black Bronze Anodized
PHA1BR	PHA1LBR	Polished Brass
PHA1SB	PHA1LSB	Satin Brass
PHA1BS	PHA1LBS	Brushed Stainless
PHA1PS	PHA1LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.



Single Door With Top and Bottom Pivots



AMR201
Door Patch
(Shown with 1NT303
Top Insert Installed)



Single Door With Top and Bottom Pivots and an AMR205 Patch Lock



AMR201
Door Patch
(Shown with 1NT301
Bottom Insert Installed)



AMR205
Patch Lock*
(Supplied with Cat. No. PHA1L Kits Only)



1NT401
Top Pivot



1NT403
Bottom Pivot

CRL North American Patch Door Kits for Use With Overhead Door Closers

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Door Closer Not Included
- Adjustable Top Fitting
- For Herculite™ + Style Doors

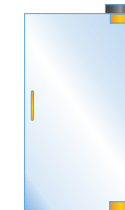
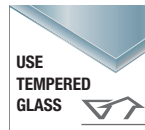
PHA2 North American Patch Door Kits come with all the hardware to complete a single door (except the overhead closer and glass). Pivot setback is 2-3/4" (70 mm). The Top Patch Fitting (PH20C) is adjustable after the door is installed. Overhead door closer must be ordered separately. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHA2 Kit Without Lock Includes:

- 1 Each **AMR201** Door Patch
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **PH20C** Adjustable Top Door Patch
- 1 Each **1NT403** Bottom Adjustable Pivot
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHA2L Patch Kit With Lock Includes:

- 1 Each **AMR201** Door Patch
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **PH20C** Adjustable Top Door Patch
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **AMR205** Patch Lock
- Cylinders, Thumbturns and Keepers are sold separately, see pages 170Z-171Z
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



Single Door With Concealed Overhead Closer



PH20C
Adjustable Top Door Patch



Single Door With Concealed Overhead Closer and an AMR205 Patch Lock



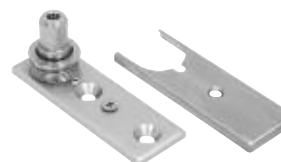
AMR201
Door Patch
(Shown with 1NT301
Bottom Insert Installed)



AMR205
Patch Lock*
(Supplied with Cat. No. PHA2L Kits Only)

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA2A	PHA2LA	Satin Anodized
PHA2DU	PHA2LDU	Black Bronze Anodized
PHA2BR	PHA2LBR	Polished Brass
PHA2SB	PHA2LSB	Satin 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 Patch Door Kits for Use With a Fixed Transom and One Sidelite

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Six Architectural Finishes
- For Herculite™ + Style Doors

PHA4 North American Door Kits come with all the hardware to complete a free swinging door with fixed transom and sidelite (except the glass and additional supports for the fixed transom and sidelite). Pivot setback is 2-3/4" (70 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHA4 Kit Without Lock Includes:

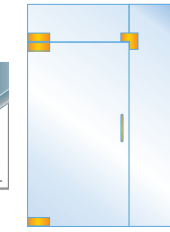
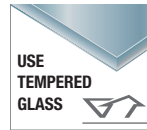
- 1 Each **PH34** Wall Mount Transom Patch
- 2 Each **AMR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **PH60** Sidelite Mount Transom Patch
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot

PHA4L Kit With Lock Includes:

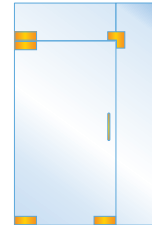
- 1 Each **PH34** Wall Mount Transom Patch
- 2 Each **AMR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **PH60** Sidelite Mount Transom Patch
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **AMR205** Patch Lock
- Cylinders, Thumbturns and Keepers are sold separately, see pages 170Z-171Z
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA4A	PHA4LA	Satin Anodized
PHA4DU	PHA4LDU	Black Bronze Anodized
PHA4BR	PHA4LBR	Polished Brass
PHA4SB	PHA4LSB	Satin Brass
PHA4BS	PHA4LBS	Brushed Stainless
PHA4PS	PHA4LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.



Single Door, Transom and Sidelite With Top and Bottom Pivots



Single Door, Transom and Sidelite With Top and Bottom Pivots and an AMR205 Patch Lock



PH34
Wall Mount
Transom Patch



AMR201
Door Patch (Shown With
1NT303 Top Insert Installed)



AMR201
Door Patch (Shown With
1NT301 Bottom Insert Installed)



AMR205
Patch Lock* (Supplied
With PHA4L Kits Only)



1NT306
Stop Insert



1NT403
Bottom Pivot



PH60
Sidelite Mount
Transom Patch

CRL North American Patch Door Kit for Use With a Fixed Transom

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Fittings for Fixed Glass Transom
- For Herculite™ + Style Doors

PHA3 North American Patch Door Kits come with all the hardware to complete a single free-swinging door with fixed transom (except glass and additional supports for the fixed transom). Pivot setback is 2-3/4" (70 mm). Floor closers with tapered spindles (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHA3 Kit Without Lock Includes:

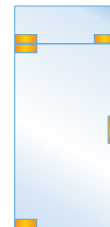
- 2 Each **PH34** Wall Mount Transom Patches
- 2 Each **AMR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot

PHA3L Kit With Lock Includes:

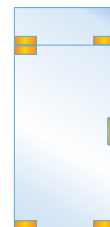
- 2 Each **PH34** Wall Mount Transom Patches
- 2 Each **AMR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **AMR205** Patch Lock
- Cylinders, Thumbturns and Keepers are sold separately, see pages 170Z-171Z
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA3A	PHA3LA	Satin Anodized
PHA3DU	PHA3LDU	Black Bronze Anodized
PHA3BR	PHA3LBR	Polished Brass
PHA3SB	PHA3LSB	Satin Brass
PHA3BS	PHA3LBS	Brushed Stainless
PHA3PS	PHA3LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.
Herculite is a registered trademark of PPG Industries, now Vitro



Single Door and Transom With Top and Bottom Pivots



Single Door and Transom With Top and Bottom Pivots and an AMR205 Patch Lock



PH34
Wall Mount
Transom Patch



AMR201
Door Patch (Shown With
1NT303 Top Insert Installed)



AMR201
Door Patch (Shown With
1NT301 Bottom Insert Installed)



AMR205
Patch Lock* (Supplied
With PHA3L Kits Only)



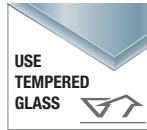
1NT306
Stop Insert



1NT403
Bottom Pivot

CRL European Patch Door Kit for Free Swinging Door

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- With or Without Locks
- For Herculite™ + Style Doors



PHE1 European Patch Door Kits come with all the hardware to complete a single free-swinging door (except the glass). Pivot setback is 2-9/16" (65 mm). Floor closers with tapered spindles (ordered separately) may be used with this Kit. Holes and notches are required in the glass.

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHE1 Kit Without Lock Includes:

- 2 Each **EUR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT401** Top Free-Swinging Pivot
- 1 Each **1NT403** Bottom Adjustable Pivot
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHE1L Kit With Lock Includes:

- 2 Each **EUR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT401** Top Free-Swinging Pivot
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **EUR205** Patch Lock (Includes Cylinder and Keeper)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHE1A	PHE1LA	Satin Anodized
PHE1DU	PHE1LDU	Black Bronze Anodized
PHE1BR	PHE1LBR	Polished Brass
PHE1SB	PHE1LSB	Satin Brass
PHE1BS	PHE1LBS	Brushed Stainless
PHE1PS	PHE1LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.



Single Door With Top and Bottom Pivots



EUR201
Door Patch
(Shown with 1NT303
Top Insert Installed)



Single Door With Top and Bottom Pivots and a EUR205 Patch Lock



EUR201
Door Patch (Shown with 1NT301
Bottom Insert Installed)



1NT401
Top Pivot



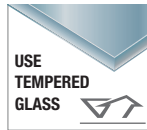
1NT403
Bottom Pivot



EUR205
Patch Lock* (Supplied
with PHE1L Kits Only)

CRL European Patch Door Kit for Use With Overhead Door Closer

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Six Architectural Finishes
- Door Closer Not Included
- Adjustable Top Fitting
- For Herculite™ + Style Doors



PHE2 European Patch Door Kits come with all the hardware to complete a single door (except the overhead closer and glass). Pivot setback is 2-9/16" (65 mm). The Top Patch Fitting (PH21C) is adjustable after the door is installed. Overhead door closer must be ordered separately. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHE2 Kit Without Lock Includes:

- 1 Each **PH21C** Adjustable Top Door Patch
- 1 Each **EUR201** Door Patch
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

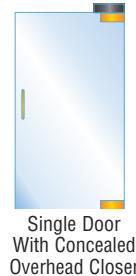
PHE2L Kit With Lock Includes:

- 1 Each **PH21C** Adjustable Top Door Patch
- 1 Each **EUR201** Door Patch
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **EUR205** Patch Lock (Includes Cylinder and Keeper)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHE2A	PHE2LA	Satin Anodized
PHE2DU	PHE2LDU	Black Bronze Anodized
PHE2BR	PHE2LBR	Polished Brass
PHE2SB	PHE2LSB	Satin Brass
PHE2BS	PHE2LBS	Brushed Stainless
PHE2PS	PHE2LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro



Single Door With Concealed Overhead Closer



PH21C
Adjustable Top
Door Patch



Single Door With Concealed Overhead Closer and a EUR205 Patch Lock



EUR201
Door Patch (Shown with 1NT301
Bottom Insert Installed)



1NT403
Bottom Pivot



EUR205
Patch Lock* (Supplied
with PHE2L Kits Only)

CRL European Patch Door Kit for Use With Fixed a Transom

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- High Density Cast Body
- Fittings for Fixed Glass Transom
- For Herculite™ + Style Doors

PHE3 European Patch Door Kits come with all the hardware to complete a single free-swinging door with fixed transom (except glass and additional supports for the fixed transom). Pivot setback is 2-9/16" (65 mm). Floor closers with tapered spindles (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHE3 Kit Without Lock Includes:

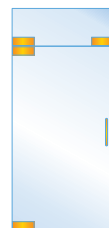
- 2 Each **PH34** Wall Mount Transom Patches
- 2 Each **EUR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHE3L Kit With Lock Includes:

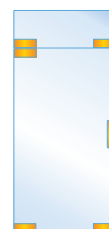
- 2 Each **PH34** Wall Mount Transom Patches
- 2 Each **EUR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **EUR205** Patch Lock (Includes Cylinder and Keeper)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHE3A	PHE3LA	Satin Anodized
PHE3DU	PHE3LDU	Black Bronze Anodized
PHE3BR	PHE3LBR	Polished Brass
PHE3SB	PHE3LSB	Satin Brass
PHE3BS	PHE3LBS	Brushed Stainless
PHE3PS	PHE3LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.



Single Door and Transom With Top and Bottom Pivots



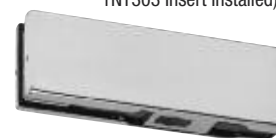
Single Door and Transom With Top and Bottom Pivots and a EUR205 Patch Lock



PH34
Wall Mount
Transom Patch



EUR201
Door Patch (Shown with
1NT303 Insert Installed)



EUR201
Door Patch (Shown with 1NT301
Bottom Insert Installed)



EUR205
Patch Lock* (Supplied
with PHE3L Kits Only)



1NT306
Stop Insert



1NT403
Bottom Pivot

CRL European Patch Door Kit for Use With a Fixed Transom and One Sidelite

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Six Architectural Finishes
- For Herculite™ + Style Doors

PHE4 European Door Kits come with all the hardware to complete a free-swinging door with fixed transom and sidelite, (except glass and additional supports for the fixed transom and sidelite). Pivot setback is 2-9/16" (65 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHE4 Kit Without Lock Includes:

- 1 Each **PH34** Wall Mount Transom Patch
- 2 Each **EUR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **PH60** Sidelite Mount Transom Patch
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

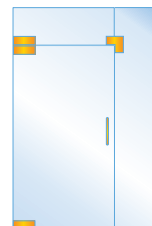
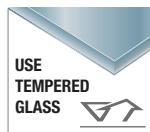
PHE4L Kit With Lock Includes:

- 1 Each **PH34** Wall Mount Transom Patch
- 2 Each **EUR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **PH60** Sidelite Mount Transom Patch
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **EUR205** Patch Lock (Includes Cylinder and Keeper)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

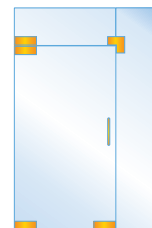
CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHE4A	PHE4LA	Satin Anodized
PHE4DU	PHE4LDU	Black Bronze Anodized
PHE4BR	PHE4LBR	Polished Brass
PHE4SB	PHE4LSB	Satin Brass
PHE4BS	PHE4LBS	Brushed Stainless
PHE4PS	PHE4LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro



Single Door, Transom and Sidelite With Top and Bottom Pivots



Single Door, Transom and Sidelite With Top and Bottom Pivots and a EUR205 Patch Lock



PH60
Sidelite Mount
Transom Patch



PH34
Wall Mount
Transom Patch



EUR201
Door Patch (Shown with
1NT303 Insert Installed)



EUR201
Door Patch (Shown with 1NT301
Bottom Insert Installed)



EUR205
Patch Lock* (Supplied
with PHE4L Kits Only)



1NT306
Stop Insert



1NT403
Bottom Pivot

CRL North American Patch Door Kit for Use With a Fixed Transom and Two Sidelites

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 'All-Glass' Look
- For Herculite™ + Style Doors

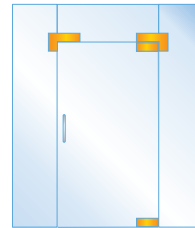
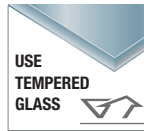
PHA5 North American Door Kits come with all the hardware to complete a free-swinging door with fixed transom and two sidelites (except glass and additional supports for the fixed transom and sidelites). Pivot setback is 2-3/4" (70 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHA5 Kit Without Lock Includes:

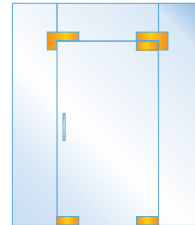
- 2 Each **PH40** Sidelite Mount Transom Patches
- 2 Each **AMR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHA5L Kit With Lock Includes:

- 2 Each **PH40** Sidelite Mount Transom Patches
- 2 Each **AMR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **AMR205** Patch Lock
- (Cylinders, Thumbturns and Keepers are sold separately, see pages 170Z-171Z)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



Single Door, Transom and Sidelites With Top and Bottom Pivots



Single Door, Transom and Sidelites With Top and Bottom Pivots and an AMR205 Patch Lock



PH40
Sidelite Mount Transom Patch



AMR201
Door Patch (Shown with 1NT303 Top Insert Installed)



AMR201
Door Patch (Shown With 1NT301 Bottom Insert Installed)



AMR205
Patch Lock* (Supplied with PHA5L Kits Only)



1NT306
Stop Insert



1NT403
Bottom Pivot

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA5A	PHA5LA	Satin Anodized
PHA5DU	PHA5LDU	Black Bronze Anodized
PHA5BR	PHA5LBR	Polished Brass
PHA5SB	PHA5LSB	Satin Brass
PHA5BS	PHA5LBS	Brushed Stainless
PHA5PS	PHA5LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.

CRL North American Patch Door Kit for Double Doors With a Fixed Transom

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Most Popular Design
- For Herculite™ + Style Doors

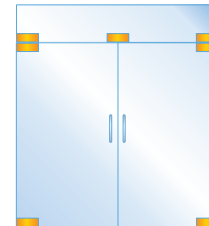
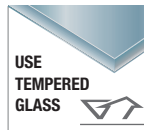
PHA6 North American Door Kits come with all the hardware to complete a pair of free-swinging doors with fixed transom (except glass and additional supports for the fixed transom). Pivot setback is 2-3/4" (70 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHA6 Kit Without Lock Includes:

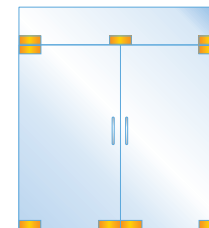
- 2 Each **PH34** Wall Mount Transom Patches
- 4 Each **AMR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivots
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHA6L Kit With Lock Includes:

- 2 Each **PH34** Wall Mount Transom Patches
- 4 Each **AMR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivots
- 2 Each **AMR205** Patch Locks
- (Cylinders, Thumbturns and Keepers are sold separately, see pages 170Z-171Z)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



Paired Doors and Transom With Top and Bottom Pivots



Paired Doors and Transom With Top and Bottom Pivots and AMR205 Patch Locks



PH34
Wall Mount Transom Patch



AMR201
Door Patch (Shown with 1NT303 Top Insert Installed)



AMR201
Door Patch (Shown with 1NT301 Bottom Insert Installed)



AMR205
Patch Lock* (Supplied with PHA6L Kits Only)



PH70
Transom Door Stop



1NT403
Bottom Pivot

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA6A	PHA6LA	Satin Anodized
PHA6DU	PHA6LDU	Black Bronze Anodized
PHA6BR	PHA6LBR	Polished Brass
PHA6SB	PHA6LSB	Satin Brass
PHA6BS	PHA6LBS	Brushed Stainless
PHA6PS	PHA6LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro

CRL European Patch Door Kit for Use With a Fixed Transom and Two Sidelites

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 'All-Glass' Look
- For Herculite™ + Style Doors

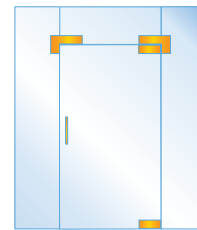
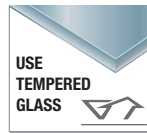
PHE5 European Door Kits come with all the hardware to complete a free-swinging door with fixed transom and two sidelites, (except glass and additional supports for the fixed transom and sidelites). Pivot setback is 2-9/16" (65 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHE5 Kit Without Lock Includes:

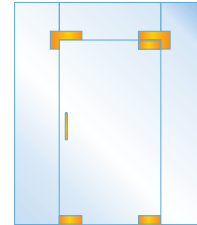
- 2 Each **PH40** Sidelite Mount Transom Patches
- 2 Each **EUR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot;
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHE5L Kit With Lock Includes:

- 2 Each **PH40** Sidelite Mount Transom Patches
- 2 Each **EUR201** Door Patches
- 1 Each **1NT301** Bottom Door Patch Insert
- 1 Each **1NT303** Top Door Patch Insert
- 1 Each **1NT306** Stop Insert
- 1 Each **1NT403** Bottom Adjustable Pivot
- 1 Each **EUR205** Patch Lock (Includes Cylinder and Keeper)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



Single Door, Transom and Sidelites With Top and Bottom Pivots



Single Door, Transom and Sidelites With Top and Bottom Pivots and a EUR205 Patch Lock



PH40
Sidelite Mount Transom Patch



EUR201
Door Patch (Shown with 1NT303 Top Insert Installed)



EUR201
Door Patch (Shown with 1NT301 Bottom Insert Installed)



EUR205
Patch Lock* (Supplied with PHE5L Kits Only)



1NT306
Stop Insert



1NT403
Bottom Pivot

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHE5A	PHE5LA	Satin Anodized
PHE5DU	PHE5LDU	Black Bronze Anodized
PHE5BR	PHE5LBR	Polished Brass
PHE5SB	PHE5LSB	Satin Brass
PHE5BS	PHE5LBS	Brushed Stainless
PHE5PS	PHE5LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.

CRL European Patch Door Kit for Double Doors With a Fixed Transom

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Most Popular Design
- For Herculite™ + Style Doors

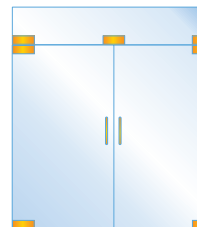
PHE6 European Double Door Kits come with all the hardware to complete a pair of free-swinging doors with fixed transom, (except glass and additional supports for the fixed transom). Pivot setback is 2-9/16" (65 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHE6 Kit Without Lock Includes:

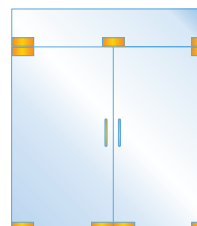
- 2 Each **PH34** Wall Mount Transom Patches
- 4 Each **EUR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivots;
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHE6L Kit With Lock Includes:

- 2 Each **PH34** Wall Mount Transom Patches
- 4 Each **EUR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivots
- 2 Each **EUR205** Patch Locks (Includes Cylinder and Keeper)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



Paired Doors and Transom With Top and Bottom Pivots



Paired Doors and Transom With Top and Bottom Pivots and EUR205 Patch Locks



PH34
Wall Mount Transom Patch



EUR201
Door Patch (Shown with 1NT303 Top Insert Installed)



EUR201
Door Patch (Shown with 1NT301 Bottom Insert Installed)



EUR205
Patch Lock* (Supplied with PHE6L Kits Only)



PH70
Transom Door Stop



1NT403
Bottom Pivot

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHE6A	PHE6LA	Satin Anodized
PHE6DU	PHE6LDU	Black Bronze Anodized
PHE6BR	PHE6LBR	Polished Brass
PHE6SB	PHE6LSB	Satin Brass
PHE6BS	PHE6LBS	Brushed Stainless
PHE6PS	PHE6LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

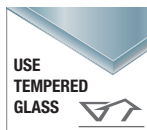
or enter the Catalog Number for complete product information

203Z

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

CRL
ALUMINUM

CRL North American Patch Door Kit for Double Doors With a Fixed Transom and Two Sidelites



- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

PHA8 North American Double Door Kits come with all the hardware to complete a pair of free swinging doors with fixed transom and two sidelites (except glass and additional supports for the fixed transom and sidelites). Pivot setback is 2-3/4" (70 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHA8 Kit Without Lock Includes:

- 2 Each **PH40** Sidelite Mount Transom Patches
- 4 Each **AMR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivots
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

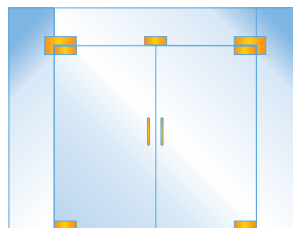
PHA8L Kit With Lock Includes:

- 2 Each **PH40** Sidelite Mount Transom Patches
- 4 Each **AMR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 1 Each **1NT403** Bottom Adjustable Pivots
- 2 Each **AMR205** Patch Locks
- (Cylinders, Thumbturns, and Keepers are sold separately, see pages 170Z-171Z)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

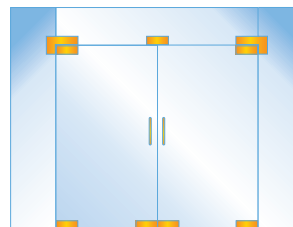
- For Herculite™ + Style Doors

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA8A	PHA8LA	Satin Anodized
PHA8DU	PHA8LDU	Black Bronze Anodized
PHA8BR	PHA8LBR	Polished Brass
PHA8SB	PHA8LSB	Satin Brass
PHA8BS	PHA8LBS	Brushed Stainless
PHA8PS	PHA8LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.



Paired Doors, Transom and Sidelite
With Top and Bottom Pivots



Paired Doors, Transom and Sidelite
With Top and Bottom Pivots and
AMR205 Patch Locks



PH70
Transom Door Stop



1NT403
Bottom Pivot



PH40
Sidelite Mount
Transom Patch



AMR201
Door Patch (Shown with
1NT303 Top Insert installed)

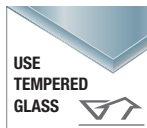


AMR201
Door Patch (Shown with
1NT301 Bottom Insert Installed)



AMR205
Patch Lock* (Supplied
with PHE8L Kits Only)

CRL North American Patch Door Kit for Double Doors With a Fixed Transom and One Sidelite



- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Six Architectural Finishes
- For Herculite™ + Style Doors

PHA7 North American Double Door Kits come with all the hardware to complete a pair of free swinging doors with fixed transom and sidelite (except glass and additional supports for the fixed transom and sidelite). Pivot setback is 2-3/4" (70 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHA7 Kit Without Lock Includes:

- 1 Each **PH34** Wall Mount Transom Patch
- 1 Each **PH40** Sidelite Mount Transom Patch
- 4 Each **AMR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivots
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

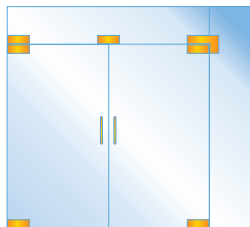
PHA7L Kit With Lock Includes:

- 1 Each **PH34** Wall Mount Transom Patch
- 1 Each **PH40** Sidelite Mount Transom Patch
- 4 Each **AMR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivot
- 2 Each **AMR205** Patch Locks
- (Cylinder, Thumbturns, and Keepers are sold separately, see pages 170Z-171Z)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

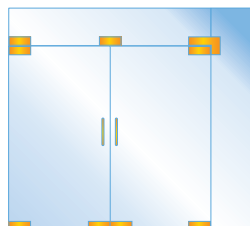
CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHA7A	PHA7LA	Satin Anodized
PHA7DU	PHA7LDU	Black Bronze Anodized
PHA7BR	PHA7LBR	Polished Brass
PHA7SB	PHA7LSB	Satin Brass
PHA7BS	PHA7LBS	Brushed Stainless
PHA7PS	PHA7LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vistro



Paired Doors, Transom and Sidelite
With Top and Bottom Pivots



Paired Doors, Transom and Sidelite
With Top and Bottom Pivots and
AMR205 Patch Locks



PH70
Transom Door Stop



1NT403
Bottom Pivot



PH34
Wall Mount
Transom Patch



PH40
Sidelite Mount
Transom Patch



AMR201
Door Patch (Shown with
1NT301 Top Insert Installed)



AMR201
Door Patch (Shown with
1NT301 Bottom Insert Installed)



AMR205
Patch Lock* (Supplied
with PHA7L Kits Only)

CRL European Patch Door Kit for Double Doors With a Fixed Transom and Two Sidelites

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ + Style Doors

PHE8 European Double Door Kits come with all the hardware to complete a pair of free swinging doors with fixed transom and two sidelites (except glass and additional supports for the fixed transom and sidelites). Pivot setback is 2-9/16" (65 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHE8 Kit Without Lock Includes:

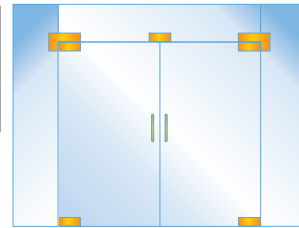
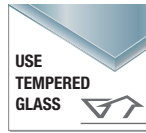
- 2 Each **PH40** Sidelite Mount Transom Patches
- 4 Each **EUR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivots
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHE8L Kit With Lock Includes:

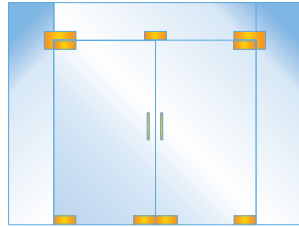
- 2 Each **PH40** Sidelite Mount Transom Patches
- 4 Each **EUR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivots
- 2 Each **EUR205** Patch Locks (Includes Cylinder and Keeper)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHE8A	PHE8LA	Satin Anodized
PHE8DU	PHE8LDU	Black Bronze Anodized
PHE8BR	PHE8LBR	Polished Brass
PHE8SB	PHE8LSB	Satin Brass
PHE8BS	PHE8LBS	Brushed Stainless
PHE8PS	PHE8LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.



Paired Doors, Transom and Sidelite With Top and Bottom Pivots



Paired Doors, Transom and Sidelite With Top and Bottom Pivots and EUR205 Patch Locks



PH40
Sidelite Mount Transom Patch



EUR201
Door Patch (Shown with 1NT303 Top Insert Installed)



EUR201
Door Patch (Shown with 1NT301 Bottom Insert Installed)



EUR205
Patch Lock* (Supplied with PHE8L Kits Only)



PH70
Transom Door Stop



1NT403
Bottom Pivot

CRL European Patch Door Kit for Double Doors With a Fixed Transom and One Sidelite

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Six Architectural Finishes
- For Herculite™ + Style Doors

PHE7 European Double Door Kits come with all the hardware to complete a pair of free swinging doors with fixed transom and sidelite (except glass and additional supports for the fixed transom and sidelite). Pivot setback is 2-9/16" (65 mm). Floor closer with tapered spindle (ordered separately) may be used with this Kit. Holes and notches are required in the glass. **NOTE:** For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

PHE7 Kit Without Lock Includes:

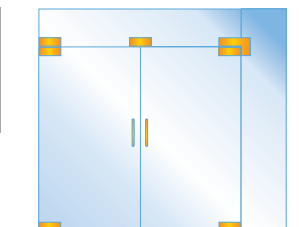
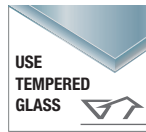
- 1 Each **PH34** Wall Mount Transom Patch
- 1 Each **PH40** Sidelite Mount Transom Patch
- 4 Each **EUR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivot
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

PHE7L Kit With Lock Includes:

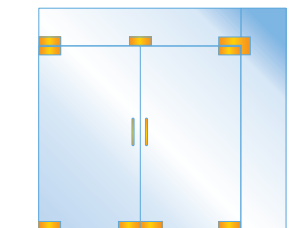
- 1 Each **PH34** Wall Mount Transom Patch
- 1 Each **PH40** Sidelite Mount Transom Patch
- 4 Each **EUR201** Door Patches
- 2 Each **1NT301** Bottom Door Patch Inserts
- 2 Each **1NT303** Top Door Patch Inserts
- 1 Each **PH70** Transom Door Stop
- 2 Each **1NT403** Bottom Adjustable Pivot
- 2 Each **EUR205** Patch Locks (Includes Cylinder and Keeper)
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO. WITHOUT LOCK	CAT. NO. WITH LOCK*	FINISH
PHE7A	PHE7LA	Satin Anodized
PHE7DU	PHE7LDU	Black Bronze Anodized
PHE7BR	PHE7LBR	Polished Brass
PHE7SB	PHE7LSB	Satin Brass
PHE7BS	PHE7LBS	Brushed Stainless
PHE7PS	PHE7LPS	Polished Stainless

Minimum order: 1 each. All Kits can be combined for quantity pricing.
Herculite is a registered trademark of PPG Industries, now Vitro



Paired Doors, Transom and Sidelite With Top and Bottom Pivots



Paired Doors, Transom and Sidelite With Top and Bottom Pivots and EUR205 Patch Locks



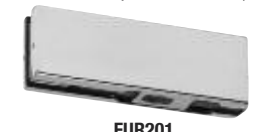
PH34
Wall Mount Transom Patch



PH40
Sidelite Mount Transom Patch



EUR201
Door Patch (Shown with 1NT303 Top Insert Installed)



EUR201
Door Patch (Shown with 1NT301 Bottom Insert Installed)



EUR205
Patch Lock* (Supplied with PHE7L Kits Only)



PH70
Transom Door Stop



1NT403
Bottom Pivot

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

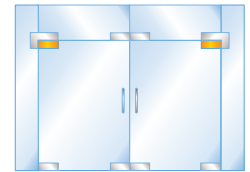
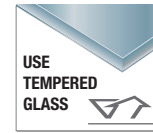
205Z

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

CRL
ALUMINUM

CRL North American Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-3/4" (70 mm) Pivot Setback
- For Herculite™ + Style Doors



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



1NT303 Insert
(Included)



1NT303R Insert
(Order Separately) for Rixson 340
Center Hung Walking Beam Pivot
1/2" (13 mm) Pin



AMR201 Door Patch
(Shown with 1NT303 Top Insert Installed)

For Use With:

3/8" or 1/2" (10 or 12 mm)
Tempered Glass

Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole
and Corner Notch

Template is available at crlaurence.com.

Includes:

- 1 Each **AMR201** Door Patch
- 1 Each **1NT303** Top Door Patch Insert
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

For Use With:



PH34
Wall Mounted
Transom Patch



PH40
Sidelite
Transom Patch



PH41
Sidelite
Transom Patch



PH51
Double
Transom Patch

Works With:



1NT405
Threaded Top Pivot



CRL9040WBP
Walking Beam Top Pivot



1NT300
Top Pivot Insert



1NT401
Surface Mounted Top Pivot

COMPLETE TOP DOOR PATCH FITTING

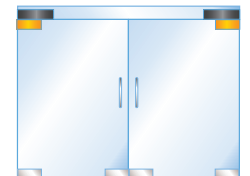
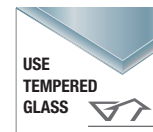
CAT. NO.	FINISH
PH20AA	Satin Anodized
PH20ADU	Black Bronze Anodized
PH20ABR	Polished Brass
PH20ASB	Satin Brass
PH20ABS	Brushed Stainless
PH20APS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing. For Replacement Cover Plates, go to page 217Z.

Do Not Use With: PH42L, PH42R, PH43L or PH43R Transom Patch Fittings. They Require European Door Patch Fitting PH21A.

CRL North American Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-3/4" (70 mm) Pivot Setback
- For Use With Overhead Concealed Door Closers
- For Herculite™ + Style Doors



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

For Use With:

3/8" or 1/2" (10 or 12 mm) Glass

Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole and Corner Notch
Template is available at crlaurence.com.

Includes:

- 1 Each **AMR201** Door Patch
- 1 Each **1NT304** Top Door Patch Insert
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

1NT304 Insert
(Included)



AMR201 Door Patch
(Shown with 1NT304 Top Insert Installed)

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
7/8" (22 mm) Extended Spindle
like Cat. No. 20104M01
(see page 309Z)

CAT. NO.	FINISH
PH20BA	Satin Anodized
PH20BDU	Black Bronze Anodized
PH20BBR	Polished Brass
PH20BSB	Satin 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 217Z.

Herculite is a registered trademark of PPG Industries, now Vitro

CRL North American Adjustable Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Adjustable Pivot Insert Allows Three Degrees Movement for Proper Door Alignment
- 2-3/4" (70 mm) Pivot Setback
- For Herculite™ + Style Doors

For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required:

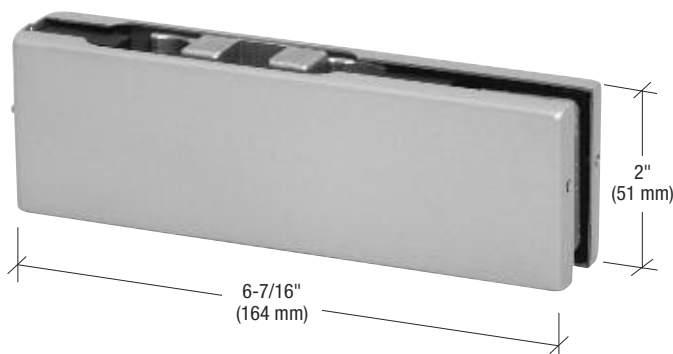
One 3/4" (19 mm) Diameter Hole and Corner Notch
Template available at crlaurence.com

Includes:

Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



CAT. NO.	FINISH
PH20CA	Satin Anodized
PH20CDU	Black Bronze Anodized
PH20CBR	Polished Brass
PH20CSB	Satin 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 217Z.

Works With:



North American Pivot Setback 2-3/4" (70 mm)
Concealed Overhead Door Closers With 7/8" (22 mm)
Extended Square Spindle like Cat. No. 20104M01
(see page 309Z)

Do Not Use With:

European 2-9/16" (65 mm) Pivot Setback
Overhead Concealed Door Closers.
They Require European Door
Patch Fitting PH21C.

CRL North American Bottom Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-3/4" (70 mm) Pivot Setback
- For Herculite™ + Style Doors

For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole and Corner Notch
Template is available at crlaurence.com.

Includes:

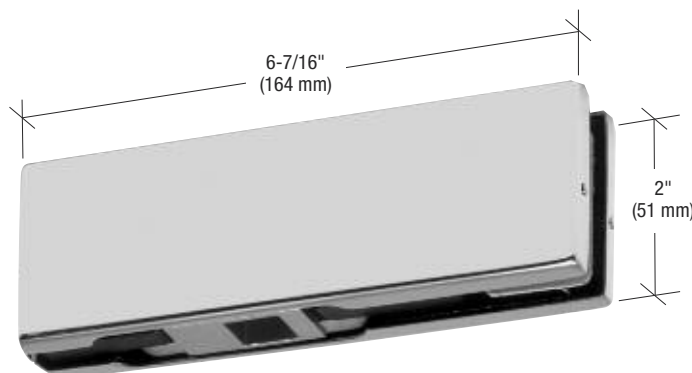
1 Each AMR201 Door Patch

1 Each 1NT302 Bottom Door Patch Insert

Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



AMR201 Door Patch
(Shown with 1NT302 Bottom Insert Installed)

CAT. NO.	FINISH
PH10DA	Satin Anodized
PH10DDU	Black Bronze Anodized
PH10DBR	Polished Brass
PH10DSB	Satin 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 217Z.

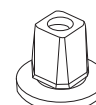
Works With:



1NT302 Insert
(Included)



1NT404
Adjustable Bottom
Free-Swinging Pivot



Floor Closers With Casma
(Speedy) Tapered Square
Spindle like CRL9050S Series
Spindles, see page 338Z.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

207Z

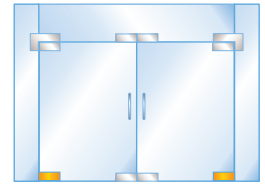
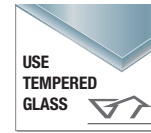
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL
ALUMINUM

CRL North American Bottom Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-3/4" (70 mm) Pivot Setback
- For Herculite™ + Style Doors

NEW!



For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required: One 3/4" (19 mm)

Diameter Hole and Corner Notch

Template is available at crlaurence.com.

Includes:

1 Each **AMR201** Door Patch

1 Each **1NT305L** and **1NT305R** Bottom Door Patch

Insert Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



AMR201 Door Patch
(Shown with 1NT305 Bottom Insert Installed)

NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
PH10ELA	PH10ERA	Satin Anodized
PH10ELDU	PH10ERDU	Black Bronze Anodized
PH10ELBR	PH10ERBR	Polished Brass
PH10ELSB	PH10ERSB	Satin Brass
PH10ELBS	PH10ERBS	Brushed Stainless
PH10ELPS	PH10ERPS	Polished Stainless
PH10ELORB	PH10ERORB	Oil Rubbed Bronze



1NT305L
Left Hand



1NT305R
Right Hand

Works With:

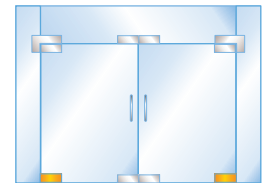
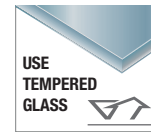


1NT407
Bottom Free-Swinging Pivot

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page 217Z.

CRL North American Bottom Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-3/4" (70 mm) Pivot Setback
- For Herculite™ + Style Doors



1NT301 Insert
(Included)

For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole and Corner Notch

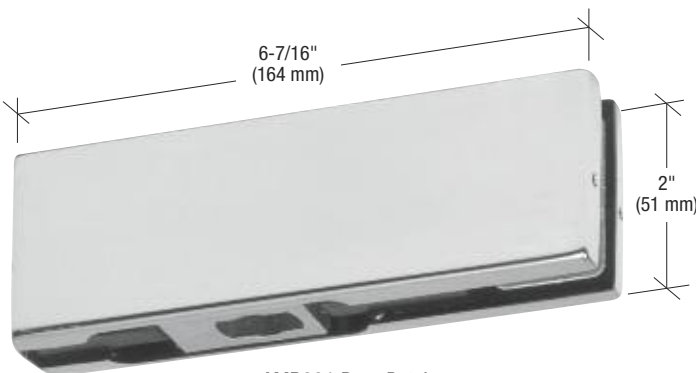
Template is available at crlaurence.com.

Includes:

1 Each **AMR201** Door Patch

1 Each **1NT301** Bottom Door Patch Insert

Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



AMR201 Door Patch
(Shown with 1NT301 Bottom Insert Installed)

NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

CAT. NO.	FINISH
PH10CA	Satin Anodized
PH10CDU	Black Bronze Anodized
PH10CBR	Polished Brass
PH10CSB	Satin 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 217Z.

Works With:



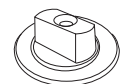
1NT402
Bottom Free-Swinging Pivot



1NT403
Adjustable Bottom Free-Swinging Pivot



1NT406
Adjustable Bottom Free-Swinging Pivot



CRL8300, CRL8400,
CRL8500, and J990
Series Floor Closers

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

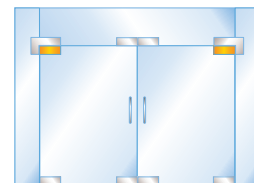
208Z

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

CRL
US ALUMINUM

CRL European Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-9/16" (65 mm) Pivot Setback
- For Herculite™ + Style Doors



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).



1NT303 Insert
(Included)

1NT303R Insert
(order separately) for Rixson 340
Center Hung Walking Beam Pivot
1/2" (13 mm) Pin



EUR201 Door Patch
(Shown with 1NT303 Top Insert Installed)

For Use With:

3/8" or 1/2" (10 or 12 mm)
Tempered Glass

Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole
and Corner Notch

Template is available at
crlaurence.com.

Includes:

1 Each **EUR201** Door Patch
1 Each **1NT303** Top Door Patch Insert
Gaskets for 3/8" or 1/2"
(10 or 12 mm) Glass

For Use With:



PH40
Sidelite
Transom Patch



PH34
Wall Mounted
Transom Patch



PH41
Sidelite
Transom Patch



PH42
Sidelite
Transom Patch



PH51
Double
Transom Patch

Works With:



CRL9040WBP
Walking Beam Top Pivot



1NT300
Top Pivot Insert



1NT401
Surface Mounted Top Pivot



1NT405
Threaded Top Pivot

CAT. NO.	FINISH
PH21AA	Satin Anodized
PH21ADU	Black Bronze Anodized
PH21ABR	Polished Brass
PH21ASB	Satin 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 217Z.

CRL European Adjustable Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-9/16" (65 mm) Pivot Setback
- For Herculite™ + Style Doors
- Adjustable Pivot Insert Allows Three Degrees Movement for Proper Door Alignment



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass

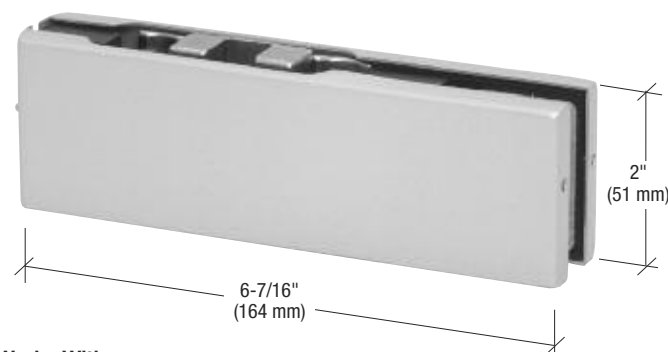
Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole
and Corner Notch

Template is available at crlaurence.com.

Includes:

Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass



Works With:



European 2-9/16" (65 mm) Pivot Setback Overhead
Concealed Door Closers With 7/8" (22 mm) Extended
Spindle like Cat. No. 20104M01
(see page 309Z)

CAT. NO.	FINISH
PH21CA	Satin Anodized
PH21CDU	Black Bronze Anodized
PH21CBR	Polished Brass
PH21CSB	Satin 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 217Z.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

209Z

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

CRL
ALUMINUM

CRL European Bottom Door Patch Fitting

For Use With: 3/8" or 1/2" (10 or 12 mm) Tempered Glass
Glass Fabrication Required: One 3/4" (19 mm) Diameter Hole and Corner Notch

Template is available at crlaurence.com.

Includes:

- 1 Each **AMR201** Door Patch
- 1 Each **1NT305L** and **1NT305R** Bottom Door Patch Insert
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
PH11ELA	PH11ERA	Satin Anodized
PH11ELDU	PH11ERDU	Black Bronze Anodized
PH11ELBR	PH11ERBR	Polished Brass
PH11ELSB	PH11ERSB	Satin Brass
PH11ELBS	PH11ERBS	Brushed Stainless
PH11ELPS	PH11ERPS	Polished Stainless
PH11ELORB	PH11ERORB	Oil Rubbed Bronze

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
 For Replacement Cover Plates, go to page 217Z.



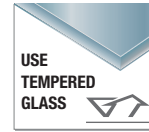
1NT305L
Left Hand



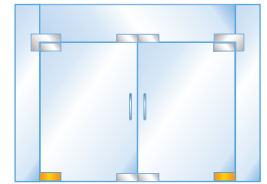
1NT305R
Right Hand



EUR201 Door Patch
(Shown with 1NT305 Bottom Insert Installed)



NEW!



Works With:



1NT407
Bottom Free-Swinging Pivot

NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

CRL European Bottom Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Glass
- 2-9/16" (65 mm) Pivot Setback
- For Herculite™ + Style Doors

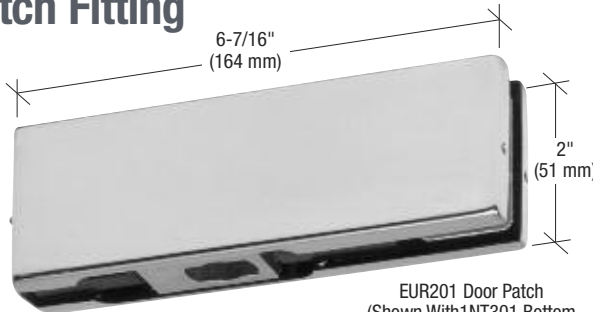
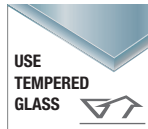
For Use With: 3/8" or 1/2" (10 or 12 mm) Tempered Glass
Glass Fabrication Required: One 3/4" (19 mm) Diameter Hole and Corner Notch
 Template is available at crlaurence.com.

Includes:

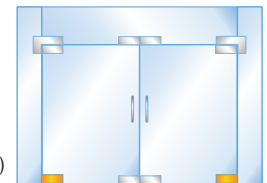
- 1 Each **EUR201** Door Patch
- 1 Each **1NT301** Bottom Door Patch Insert
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO.	FINISH
PH11CA	Satin Anodized
PH11CDU	Black Bronze Anodized
PH11CBR	Polished Brass
PH11CSB	Satin 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 217Z.



EUR201 Door Patch
(Shown With 1NT301 Bottom Patch Insert Installed)



NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

Works With:



1NT301
Insert (Included)



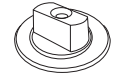
1NT402
Bottom Free-Swinging Pivot



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

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ + Style Doors
- 2-9/16" (65 mm) Pivot Setback

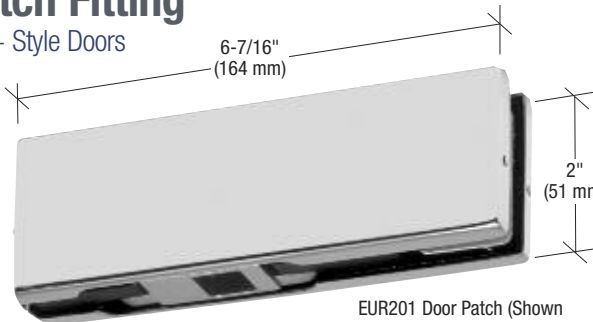
For Use With: 3/8" or 1/2" (10 or 12 mm) Tempered Glass
Glass Fabrication Required: One 3/4" (19 mm) Diameter Hole and Corner Notch
 Template is available at crlaurence.com.

Includes:

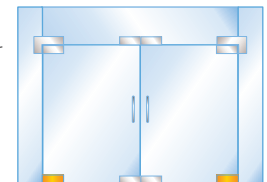
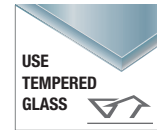
- 1 Each **EUR201** Door Patch
- 1 Each **1NT302** Bottom Door Patch Insert
- Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass

CAT. NO.	FINISH
PH11DA	Satin Anodized
PH11DBR	Polished Brass
PH11DSB	Satin 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 217Z.



EUR201 Door Patch (Shown With 1NT302 Bottom Patch Insert Installed)



Works With:



1NT302 Insert
(Included)



1NT404
Adjustable Bottom Free-Swinging Pivot



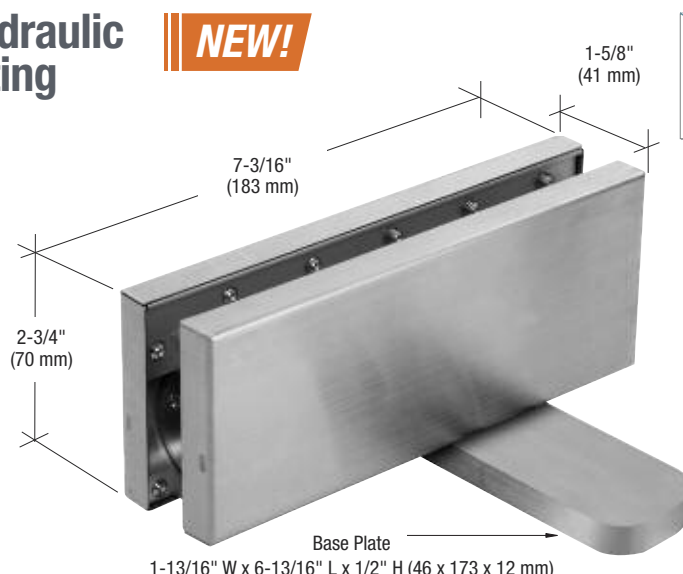
Floor Closers With Casma (Speedy) Tapered Square Spindle like CRL9050S Series Spindles, see page 338Z.

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

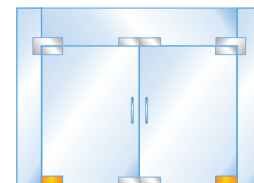
CRL European Hydraulic Bottom Patch Fitting

NEW!

- For Interior Use Only With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-9/16" (65 mm) European Pivot Setback
- Adjustable Closing and Latching Speed
- Self-Closing
- Hold-Open and No Hold-Open Models Available
- Available with Brushed or Polished Stainless Steel Cover Plates
- Maximum Door Width 39" (1000 mm)
- For Herculite™ + Style Doors



- Use With European Top Patch Fitting PH21A



Glass Fabrication Requires One Cut Out.

NOTE: 2-9/16" (65 mm) European Setback is Standard.

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

NO FLOOR CLOSER REQUIRED

These double acting Patch Fittings can accommodate interior doors up to 220 pounds (100 kg), and feature a self-closing mechanism with adjustable closing and latching speed. Designed to eliminate the need to cut into the floor to install a conventional floor closer. Simply install by anchoring the base plate to the substrate. Glass fabrication is required.

CAT. NO.	DESCRIPTION	FINISH
CRL380BS	No Hold-Open	Brushed Stainless
CRL380PS	No Hold-Open	Polished Stainless
CRL380HBS	90 Degree Hold-Open	Brushed Stainless
CRL380HPS	90 Degree Hold-Open	Polished Stainless

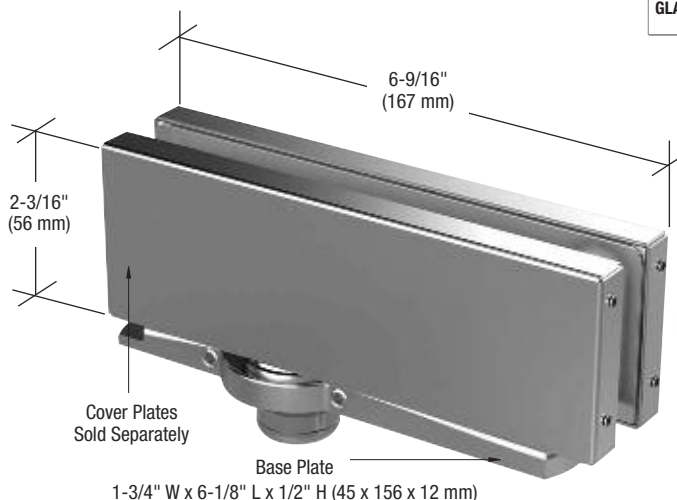
Minimum order: 1 each Patch Body.

CRL Oil Dynamic Bottom Patch Fitting

NEW!

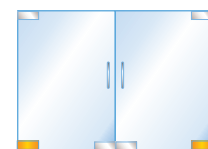
NO FLOOR CLOSER REQUIRED

- Self-Closing With Closing Speed Adjustment
- 2-3/8" (60 mm) Pivot Setback
- Hold-Open and No Hold-Open Models Available
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Adjustable Closing Speed
- Cover Plates in Four Finishes Sold Separately
- For Herculite™ + Style Doors



Cover Plates Sold Separately

Base Plate



Glass Fabrication Requires One Cut Out.

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines (see page 114Z).

Works With:



H100E20
Top Door Patch
(Cover Plates
Sold Separately)

H100EP1V
Surface Mount
Top Pivot

The NEW CRL Oil Dynamic Bottom Patch Fitting is designed to eliminate the need to cut into the floor to install a conventional floor closer. Simply installed by anchoring the base plate to the substrate and drilling a 1" (25 mm) core. These Patch Fittings can accommodate doors up to 220 pounds (100 kg) and feature a self-closing mechanism with closing speed adjuster. Also available with a 90 degree hold-open function. Cover plates are sold separately. Glass fabrication required. **NOTE:** For matching Top Patch, order Cat. No. H100E20 (same Patch Covers apply) and Cat. No. H100EP1V Surface Mount Pivot.

CAT. NO.	DESCRIPTION
H100E10	Bottom 90 Degree Hold-Open With Back Check
H100E10NF	Bottom 90 Degree Hold-Open No Back Check
H100E10NH0	Bottom No Hold-Open
H100E20	Top Door Patch Fitting
H100EP1V	Surface Mount Pivot for Top Patch
H100ECBS	Brushed Stainless Patch Covers (1 pair)
H100ECPS	Polished Stainless Patch Covers (1 pair)
H100ECSA	Satin Anodized Patch Covers (1 pair)
H100EC0RB	Oil Rubbed Bronze Patch Covers (1 pair)

Minimum order: 1 each Patch Body. 1 pair Patch Cover.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

211Z

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

CRL
ALUMINUM

CRL Wall Mounted Transom Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Works With Both 2-3/4" (70 mm) North American and 2-9/16" (65 mm) European Pivot Setback Door Patch Fittings
- For Herculite™ + Style Doors

For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole and Corner Notch.
Template available at crlaurence.com

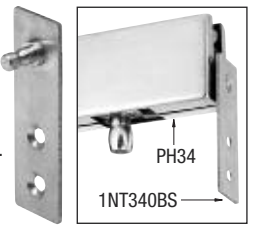
NOTE: If the weight of the transom exceeds 100 lbs. (45 kg), the transom must be supported from the ceiling instead. Contact Technical Sales for more information.

Optional Mounting Bracket:

Replaces standard Wall Mounting Plate and is concealed on hinge side when door is installed. Includes machine screws.

CAT. NO.

1NT340BS

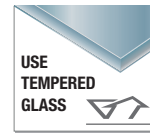


CAT. NO.	FINISH
PH34A	Satin Anodized
PH34DU	Black Bronze Anodized
PH34BR	Polished Brass
PH34SB	Satin Brass
PH34BS	Brushed Stainless
PH34PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.
For Replacement Cover Plates, go to page 217Z.



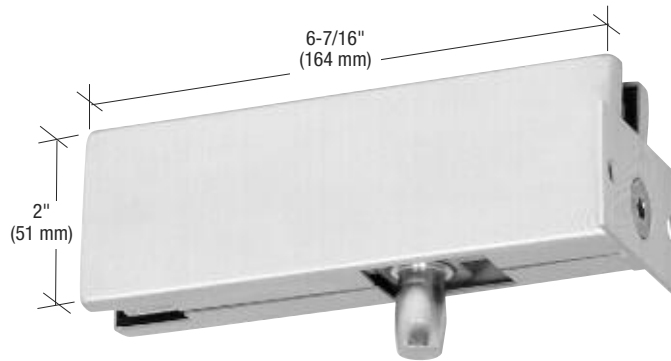
1NT300 Insert
(Included)



USE
TEMPERED
GLASS



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



Works With:



1NT306
Stop Insert



AMR305
Keeper Insert



PH20A or PH21A
Top Door Patches

CRL Sidelite Mounted Transom Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Works With Both 2-3/4" (70 mm) North American and 2-9/16" (65 mm) European Pivot Setback Door Patch Fittings
- For Herculite™ + Style Doors

For Use With:

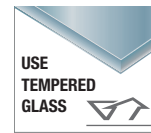
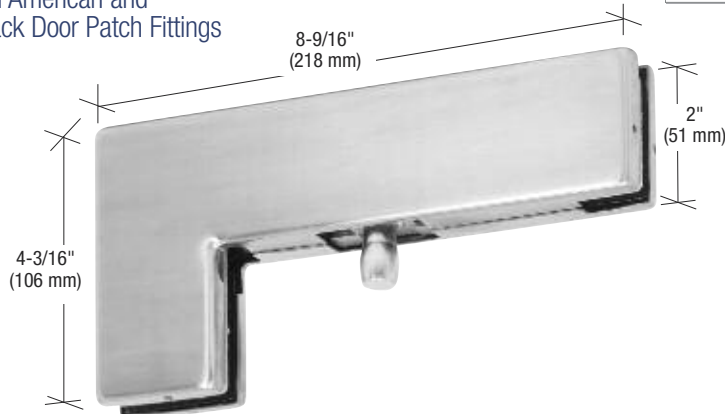
3/8" or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required:

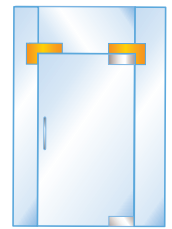
Three 3/4" (19 mm) Diameter Holes and Corner Notch.

Template available at crlaurence.com

NOTE: If the weight of the transom exceeds 100 lbs. (45 kg), the transom must be supported from the ceiling instead. Contact Technical Sales for more information.



USE
TEMPERED
GLASS



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

Works With:



1NT306
Stop Insert



AMR305
Keeper Insert



1NT300 Insert
(Included)



PH20A or PH21A
Top Door Patches

CAT. NO.	FINISH
PH40A	Satin Anodized
PH40DU	Black Bronze Anodized
PH40BR	Polished Brass
PH40SB	Satin 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 217Z.

Herculite is a registered trademark of PPG Industries, now Vitro

CRL Sidelite Mounted Transom Patch With Support Fin Bracket

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Works With Both 2-3/4" (70 mm) North American and 2-9/16" (65 mm) European Pivot Setback Door Patch Fittings
- Left and Right Handed
- For Herculite™+ Style Doors

Works With:



AMR305
Keeper Insert



1NT306
Stop Insert



PH94
Ceiling Mounted
Support Fin Bracket

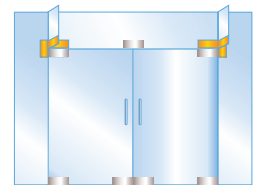


PH20A and PH21A
Top Door Patches

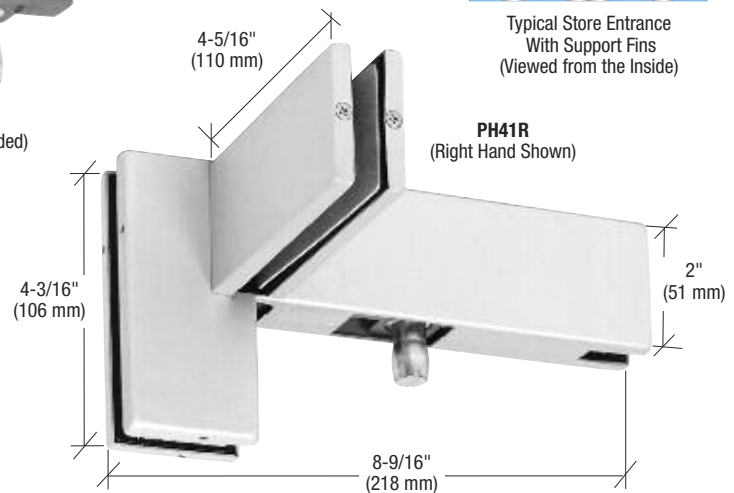


1NT300
Insert (Included)

NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



Typical Store Entrance
With Support Fins
(Viewed from the Inside)



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
PH41LA	PH41RA	Satin Anodized
PH41LDU	PH41RDU	Black Bronze Anodized
PH41LBR	PH41RBR	Polished Brass
PH41LSB	PH41RSB	Satin 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

- Only For 3/8" (10 mm) Tempered Glass
- Works With 2-9/16" (65 mm) European Pivot Setback Door Patch Fittings
- Left and Right Handed
- For Herculite™+ Style Doors

For Use With:

Only 3/8" (10 mm) Tempered Glass

Glass Fabrication Required:

Three 3/4" (19 mm) Diameter Holes and One Corner Notch; Door and Panels Flat Polished; No Miters Required.

Template available at crlaurence.com.

NOTE: If the weight of the transom exceeds 100 lbs. (45 kg), the transom must be supported from the ceiling instead. Contact Technical Sales for more information.

Works With:

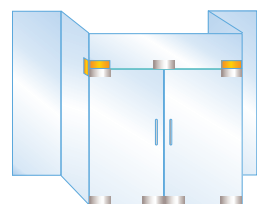


PH21A
Top Door Patch

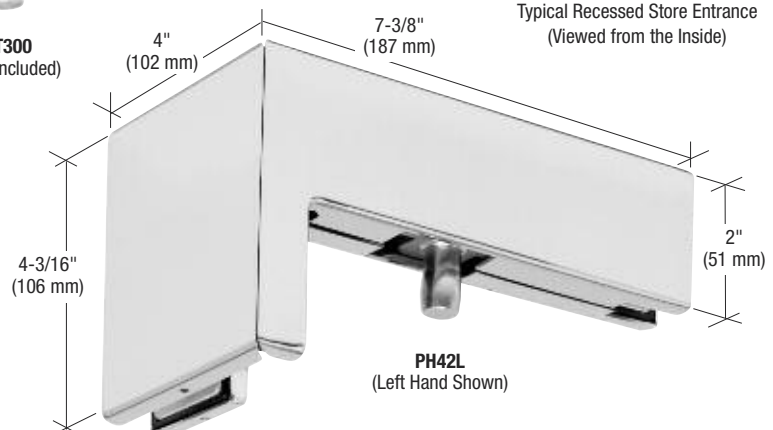


1NT300
Insert (Included)

NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



Typical Recessed Store Entrance
(Viewed from the Inside)

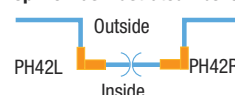


LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
PH42LA	PH42RA	Satin Anodized
PH42LBR	PH42RBR	Polished Brass
PH42LSB	PH42RSB	Satin Brass
PH42LBS	PH42RBS	Brushed Stainless
PH42LPS	PH42RPS	Polished Stainless

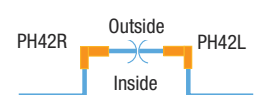
Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro

Top View as Illustrated Above



Top View Opposite from Illustration Above



go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

213Z

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

CRL
ALUMINUM

CRL Sidelite Mounted Transom Patch Connector With Reversible Door Stop

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Doors Can Swing Either In or Out
- For Herculite™ + Style Doors

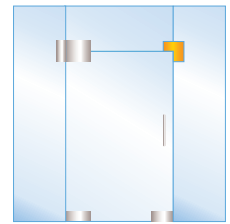
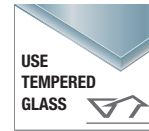
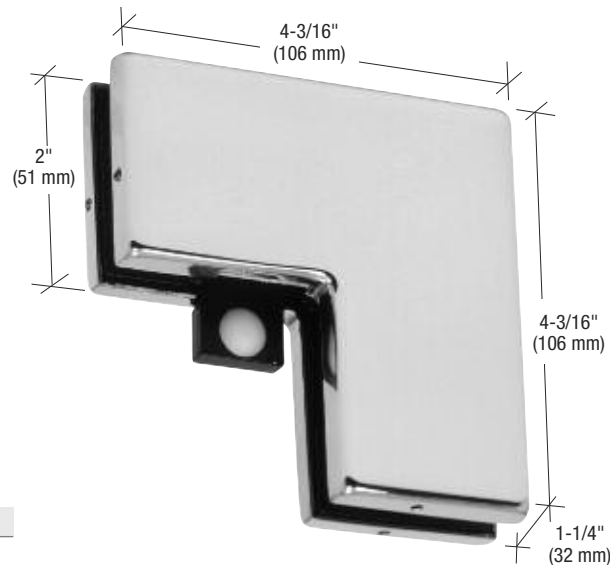
For Use With:

3/8 or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required:

Three 3/4" (19 mm) Diameter Holes.

Template available at crlaurence.com.



1NT310
Insert (Included)

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.

CAT. NO.	FINISH
PH60A	Satin Anodized
PH60DU	Black Bronze Anodized
PH60BR	Polished Brass
PH60SB	Satin Brass
PH60BS	Brushed Stainless
PH60PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

CRL Transom Mounted Patch Connector With Two Reversible Door Stops

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Both Doors Can Swing Either In or Out, or One Door Can Swing In and the Other Out
- For Herculite™ + Style Doors

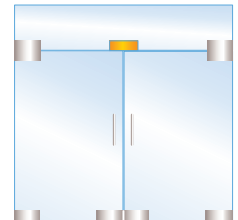
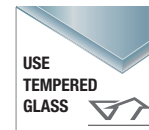
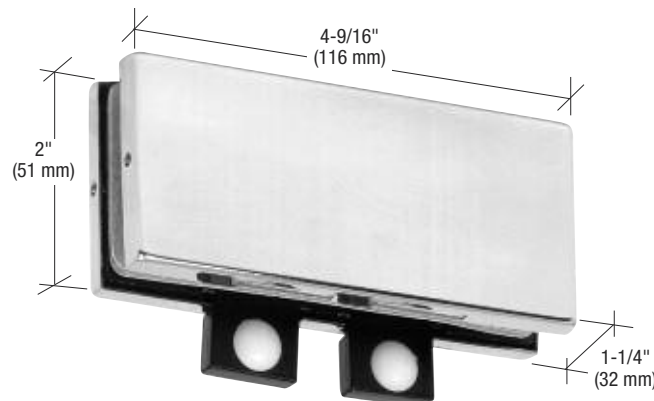
For Use With:

3/8 or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required:

Two 3/4" (19 mm) Diameter Holes.

Template available at crlaurence.com.



1NT310
Insert (Included)

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.

CAT. NO.	FINISH
PH70A	Satin Anodized
PH70DU	Black Bronze Anodized
PH70BR	Polished Brass
PH70SB	Satin Brass
PH70BS	Brushed Stainless
PH70PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

214Z

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

CRL
ALUMINUM

CRL Patch Connector

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ + Style Doors

Specifications:

For Use With:

3/8 or 1/2" (10 or 12 mm) Tempered Glass

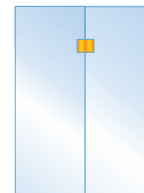
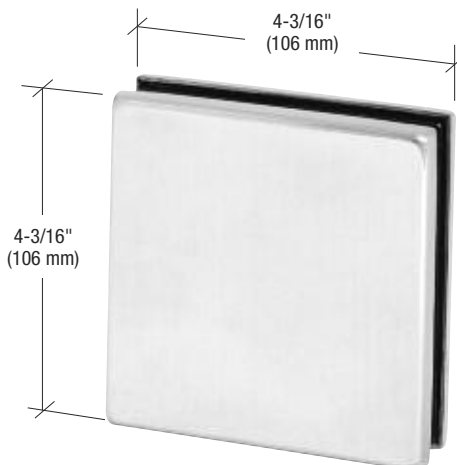
Glass Fabrication Required:

Four 3/4" (19 mm) Diameter Holes.

Template available at crlaurence.com.

CAT. NO.	FINISH
PH80A	Satin Anodized
PH80BR	Polished Brass
PH80SB	Satin Brass
PH80BS	Brushed Stainless
PH80PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.



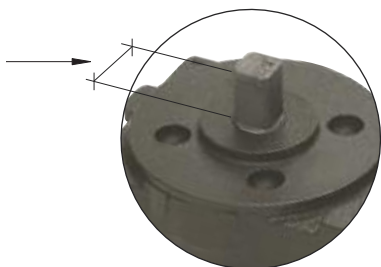
This Patch Connector is used for joining a two lite glass junction. It should be pre-determined that the junction has enough structural strength, and does not require a support fin.

CRL Overhead Concealed Door Closers for Patch Fittings

- Extended 7/8" (22 mm) Long Spindle for Patch Fittings
- See Our Overhead Concealed Door Closers for Patch Fittings on Pages 309Z, 315Z, 316Z
- UL Listed



Extended Length Spindle
 7/8" (22 mm) Length Spindle
 for use with Patch Fittings and
 Door Rail Hardware or when
 extra reach is needed.



UL and ULC are registered trademarks of UL LLC.
 Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

215Z

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

CRL
 ALUMINUM

CRL Ceiling Mounted Support Fin Bracket and Cover Plates

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ + Style Doors

For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass

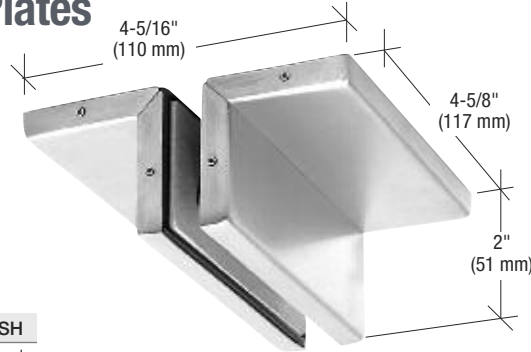
Glass Fabrication Required:

Two 3/4" (19 mm) Diameter Holes.

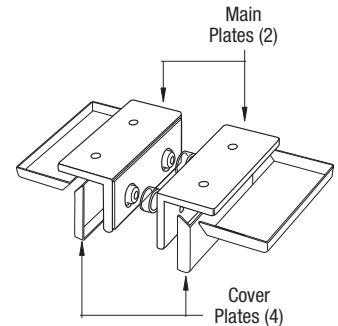
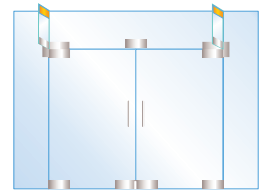
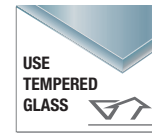
Template available at crlaurence.com.

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.



CRL Transom Mounted Patch Connector With Support Fin Bracket

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ + Style Doors

For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass

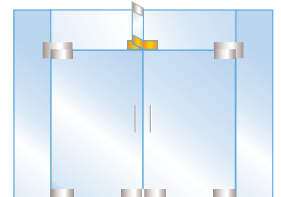
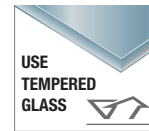
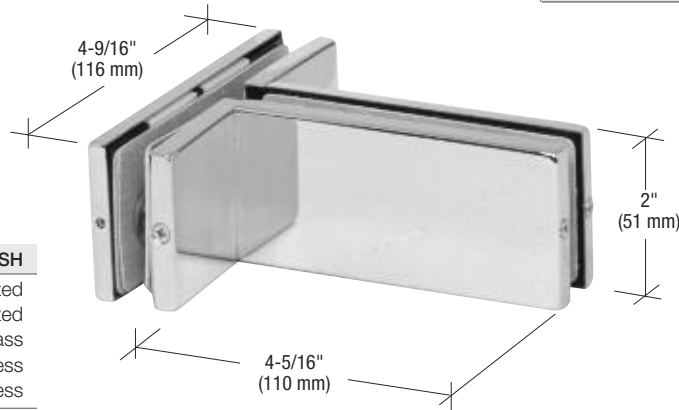
Glass Fabrication Required:

Four 3/4" (19 mm) Diameter Holes.

Template available at crlaurence.com.

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 Patch Connector With Support Fin Bracket

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ + Style Doors

For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass

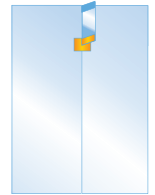
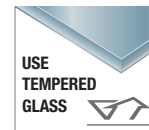
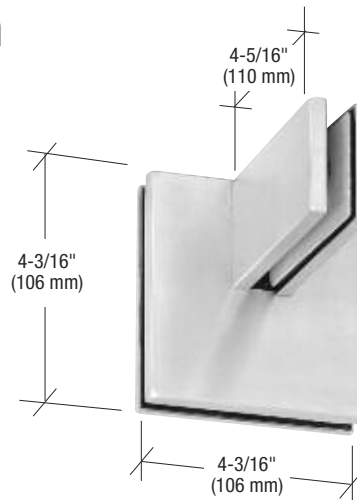
Glass Fabrication Required::

Six 3/4" (19 mm) Diameter Holes and Corner Notch.

Template available at crlaurence.com.

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.



Works With:



PH94
Support Fin Bracket

This Patch Connector with Support Fin Bracket is used for joining a two 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 (see above).

CRL Replacement Cover Plates for Patch Fittings

For PH10, PH11, PH20, and PH21 Door Patch Fittings

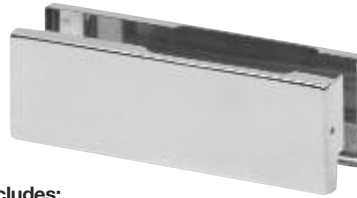


Includes:
1 Set of Two Cover Plates

CAT. NO.	FINISH
1NT101A	Satin Anodized
1NT101DU	Black Bronze Anodized
1NT101BR	Polished Brass
1NT101SB	Satin 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
1NT102SB	Satin 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
1NT103SB	Satin 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



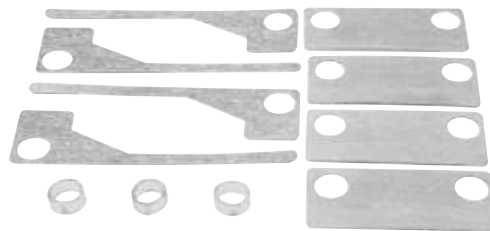
Gasket Sets For:
PH10 and PH11 Bottom Door Patches; PH20 and PH21 Top Door Patches; PH34 Wall Mounted Transom Patch

Includes:
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 Sets For:
PH40 Sidelite Mounted Transom Patch

Includes:
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.

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

217Z

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

CRL
ALUMINUM

CRL Offset Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Allows for 180 Degree Door Swing
- Left and Right Handed
- Works With CRL 3/4" (19 mm) Offset Arm Bottom Door Rails With No Alterations
- For Herculite™ + Style Doors

For Use With:

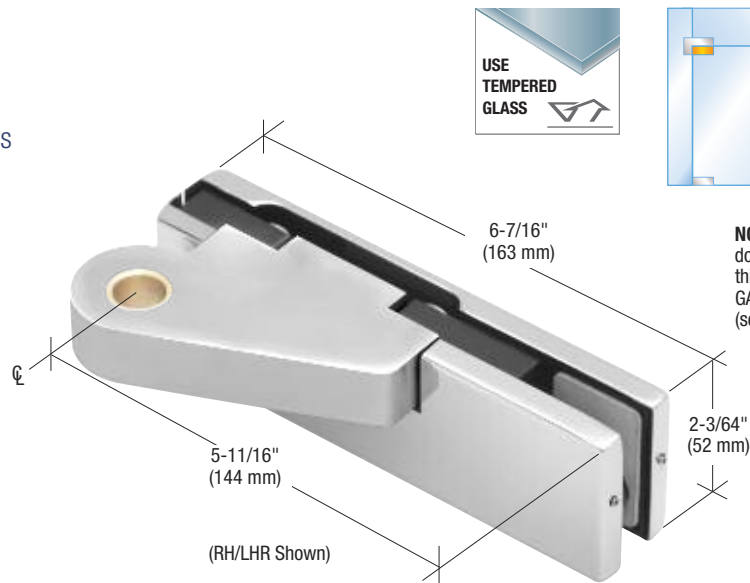
3/8" or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required:

One 3/4" (19 mm) Diameter

Hole and Corner Notch

Template available at crlaurence.com.



Works With:



OPF40
Offset Transom Patch



1NT401
Surface Mounted Top Pivot



1NT405
Threaded Top Pivot

CAT. NO.	HANDING	FINISH
OPF20RBS	RH/LHR	Brushed Stainless
OPF20RPS	RH/LHR	Polished Stainless
OPF20LBS	LH/RHR	Brushed Stainless
OPF20LPS	LH/RHR	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

CRL Offset Sidelite Mounted Transom Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Allows for 180 Degree Door Swing
- Left and Right Handed
- Works With CRL 3/4" (19 mm) Offset Arm Bottom Door Rails With No Alterations
- For Herculite™ + Style Doors

For Use With:

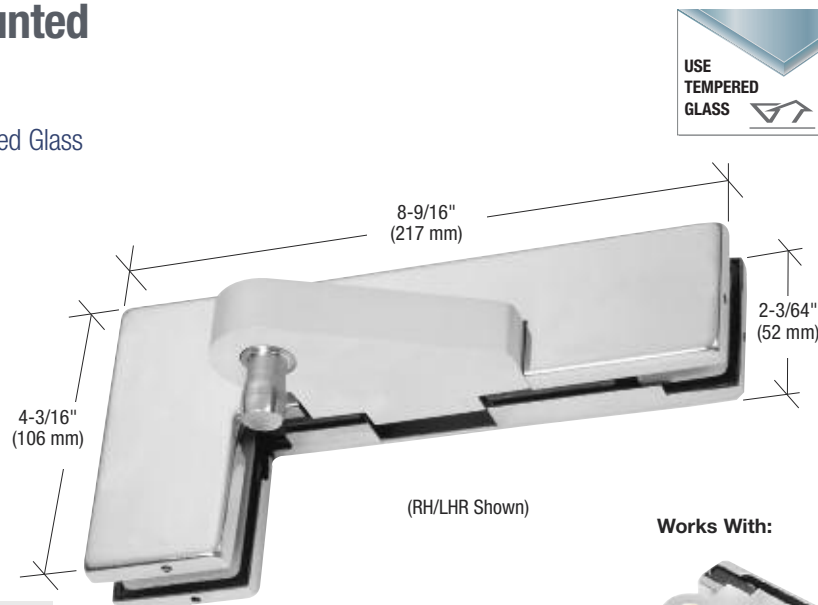
3/8" or 1/2" (10 or 12 mm) Tempered Glass

Glass Fabrication Required:

Three 3/4" (19 mm) Diameter

Holes and Corner Notch

Template available at crlaurence.com.



Works With:



OPF20R and OPF20L
Top Door Patches

CAT. NO.	HANDING	FINISH
OPF40RBS	RH/LHR	Brushed Stainless
OPF40RPS	RH/LHR	Polished Stainless
OPF40LBS	LH/RHR	Brushed Stainless
OPF40LPS	LH/RHR	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

218Z

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

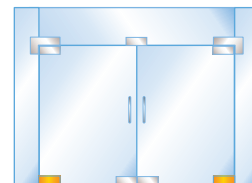
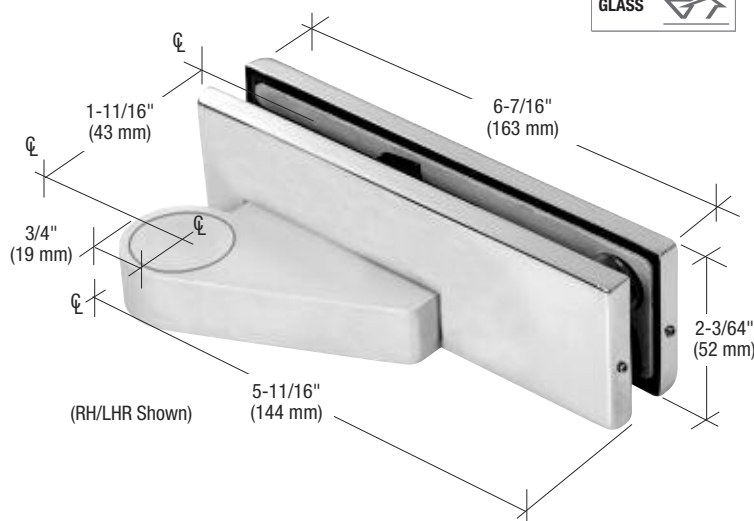
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Allows for 180 Degree Door Swing
- Left and Right Handed
- For Herculite™ + Style Doors



Bottom View Shown

For Use With:

3/8" or 1/2" (10 or 12 mm) Tempered Glass
Glass Fabrication Required:
 One 3/4" (19 mm) Diameter
 Hole and Corner Notch
 Template available at crlaurence.com.



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

Works With:

CAT. NO.	HANDING	FINISH
OPF10RBS	RH/LHR	Brushed Stainless
OPF10RPS	RH/LHR	Polished Stainless
OPF10LBS	LH/RHR	Brushed Stainless
OPF10LPS	LH/RHR	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.



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

- For 3/8" or 1/2" (10 or 12 mm) Tempered 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
- For Herculite™ + Style Doors

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, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

For Use With:

3/8" or 1/2" (10 or 12 mm)
Tempered Glass

Includes:

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:

No Glass Fabrication
Required

Works With:



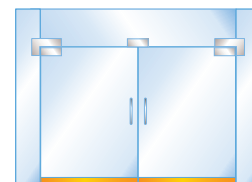
CRL8300, CRL8400,
CRL8500, and J990 Series
Floor Closers



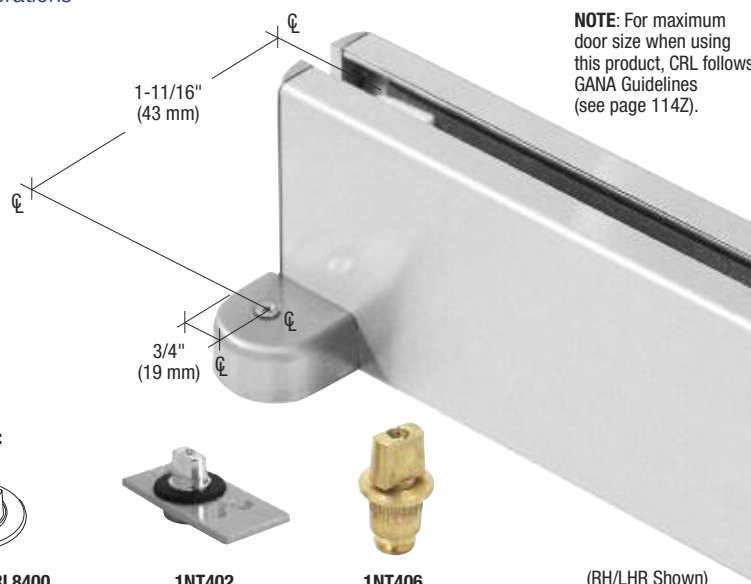
1NT402
Bottom
Free-Swinging Pivot



1NT406
Adjustable Bottom
Free-Swinging Pivot



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

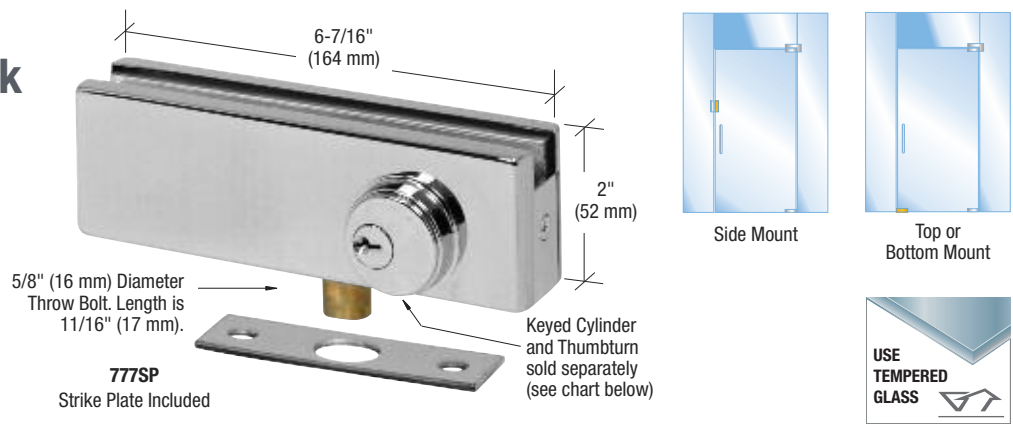
219Z

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

CRL
ALUMINUM

CRL North American AMR Series Patch Lock (End-Load Cylinders)

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Six Architectural Finishes
- For Herculite™ + Style Doors



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).

Template available at crlaurence.com.

Does Not Include:

Double Keyed Cylinders;
Keyed Cylinder and Thumbturn;
Optional Keepers (Must Be Ordered Separately)
See Pages 221Z and 232Z

Double Door Application:

For double door installations a Bottom Patch Lock is required on the inactive leaf to properly secure the pair of doors.

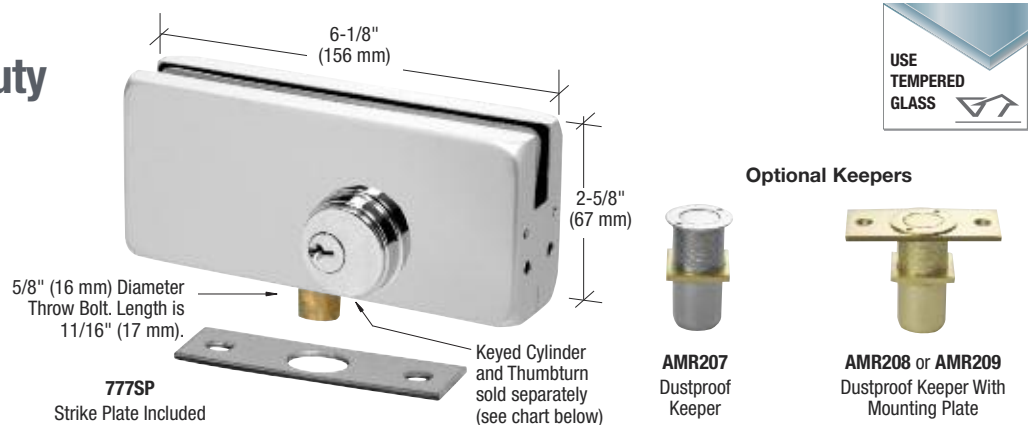


PATCH LOCK CAT. NO.	DOUBLE KEYED CYLINDERS ONLY CAT. NO.	KEYED CYLINDER AND THUMBTURN ONLY CAT. NO.	FINISH
AMR205A	AMR205CCA	AMR205CTA	Satin Anodized
AMR205DU	AMR205CCDU	AMR205CTDU	Black Bronze Anodized
AMR205BR	AMR205CCBR	AMR205CTBR	Polished Brass
AMR205SB	-----	-----	Satin Brass
AMR205BS	AMR205CCBS	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) Tempered Glass
- Six Architectural Finishes
- For Herculite™ + Style Doors



Glass Fabrication Required:

Top or Bottom Mount:

One 3/4" (19 mm) Diameter Hole and One Corner Notch.

Template available at crlaurence.com.

Does Not Include:

Double Keyed Cylinders; Keyed Cylinder and Thumbturn;
Optional Keepers (Must Be Ordered Separately)
See Page 232Z

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.

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
AMR215SB	-----	-----	Satin Brass
AMR215BS	AMR215CCBS	AMR215CTBS	Brushed Stainless
AMR215PS	AMR215CCPS	AMR215CTPS	Polished Stainless

Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

220Z

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

CRL
ALUMINUM

CRL European EUR Series Patch Lock (Bottom-Load Cylinders)

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ Style Doors

Glass Fabrication Required:

Top and Bottom Mount:

One Corner Notch

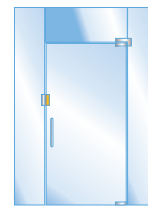
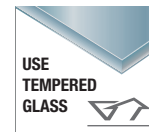
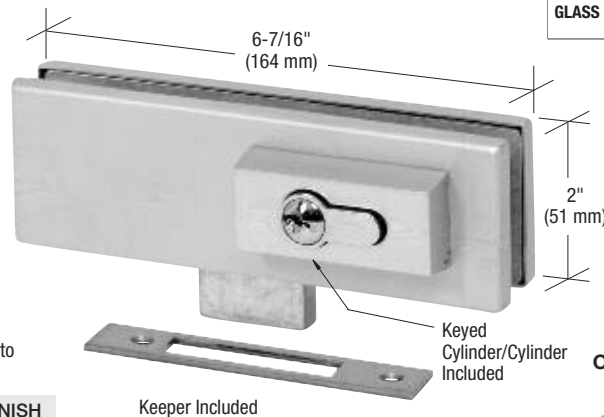
Side Mount: One U-Cutout

Template available at crlaurence.com.

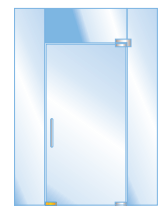
For an optional Keyed Cylinder Lock with Thumbturn to fit the EUR205 Series Patch Lock, see page 247Z.

CAT. NO.	FINISH
EUR205A	Satin Anodized
EUR205DU	Black Bronze Anodized
EUR205BR	Polished Brass
EUR205SB	Satin Brass
EUR205BS	Brushed Stainless
EUR205PS	Polished Stainless

Minimum order: 1 each. All Patch Locks can be combined for quantity pricing.



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.

Optional Keepers



EUR208
"Easy Clean"
Bottom Keeper



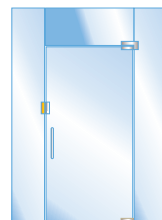
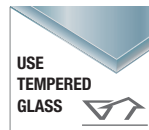
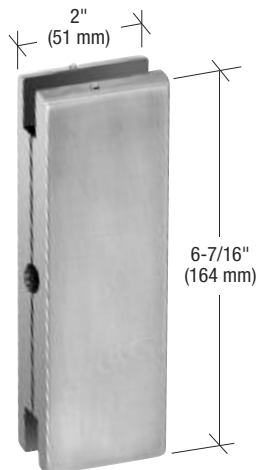
EUR206
Sidelite or Glass Door
Mount Keeper

Double Door Application:

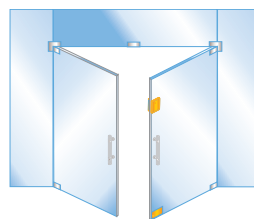
For double door installations a Bottom Patch Lock is required on the inactive leaf to properly secure the pair of doors.

CRL North American AMR Series Glass Mount Keeper for AMR205 Patch Lock

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ Style Doors



Door to Sidelite



*Door-to-Door

For Use With:

AMR205 North American Patch Lock

Glass Fabrication Required:

One U-Cutout.

Template available at crlaurence.com.

*When used on a door-to-door application, the door that it is mounted on should be secured in place with a lock at the bottom of the door.

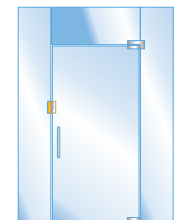
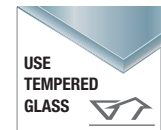
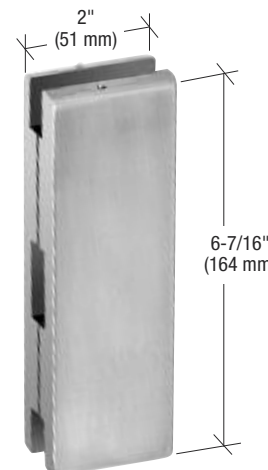
CAT. NO.	FINISH
AMR206A	Satin Anodized
AMR206DU	Black Bronze Anodized
AMR206BR	Polished Brass
AMR206SB	Satin Brass
AMR206BS	Brushed Stainless
AMR206PS	Polished Stainless

Minimum order: 1 each.
All Patch Locks can be combined for quantity pricing.

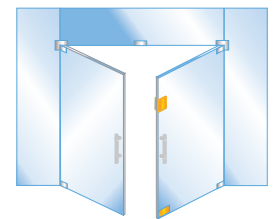
Herculite is a registered trademark of PPG Industries, now Vitro

CRL European EUR Series Glass Mount Keeper for EUR205 Patch Lock

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ Style Doors



Door to Sidelite



*Door-to-Door

For Use With:

EUR205 European Patch Lock

Glass Fabrication Required:

One U-Cutout.

Template available at crlaurence.com.

*When used on a door-to-door application, 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
EUR206DU	Black Bronze Anodized
EUR206BR	Polished Brass
EUR206SB	Satin Brass
EUR206BS	Brushed Stainless
EUR206PS	Polished Stainless

Minimum order: 1 each.
All Patch Locks can be combined for quantity pricing.

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

221Z

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

CRL
ALUMINUM

CRL Curved Top Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-11/16" (68 mm) Pivot Setback
- For Herculite™ + Style Doors

For Use With:



CPF34
Transom Patch



CPF40
Transom Patch



CPF41R
Transom Patch



CPF41L
Transom Patch

Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole and Corner Notch.

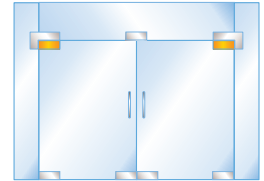
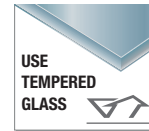
Template available at crlaurence.com.

CAT. NO.	FINISH
CPF20ABS	Brushed Stainless
CPF20APS	Polished Stainless

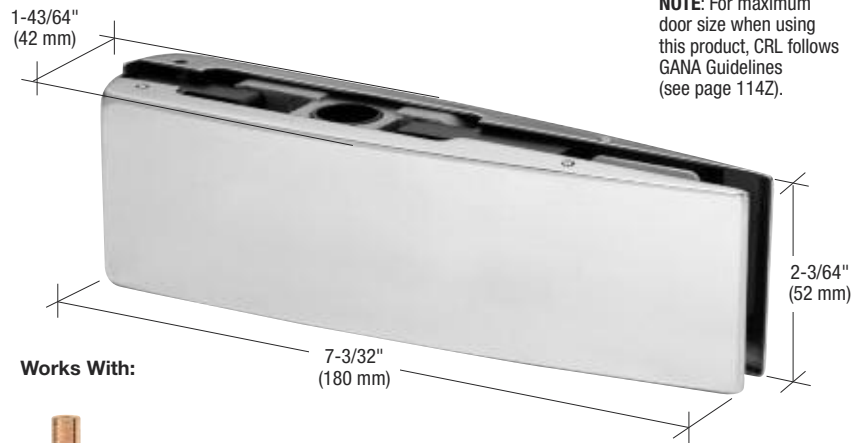
Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.



1NT303 Insert
(Included)



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



Works With:



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) Tempered Glass
- 2-11/16" (68 mm) Pivot Setback
- For Herculite™ + Style Doors

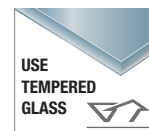


1NT304 Insert
(Included)

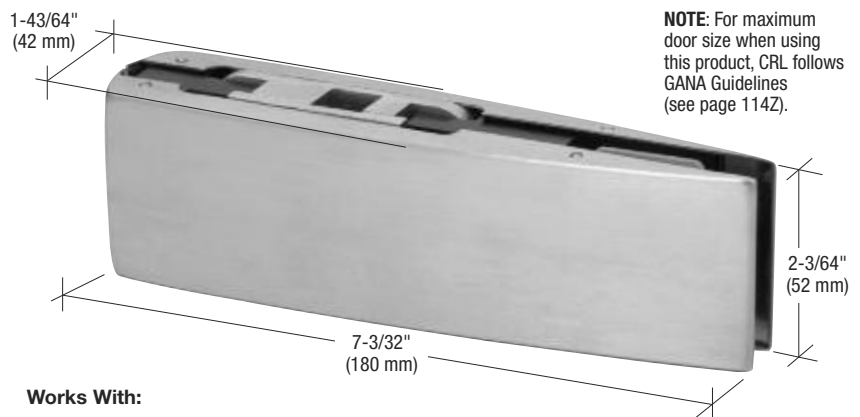
Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole and Corner Notch.

Template available at crlaurence.com.



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



Works With:



North American Pivot Setback 2-3/4" (70 mm) Concealed Overhead Door Closers With 7/8" (22 mm) Extended Spindle like Cat. No. 20104M01 (see page 309Z)

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.

CAT. NO.	FINISH
CPF20BBS	Brushed Stainless
CPF20BPS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

222Z

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

CRL
US ALUMINUM

CRL Curved European Style Patch Lock

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Bottom Load Cylinders
- For Herculite™ + Style Doors



Glass Fabrication Required:

Bottom Mount: One Corner Notch.
Template available at crlaurence.com.

Works With:



AMR208 or AMR209
Dustproof Keeper With Mounting Plate



777SP
Strike Plate



AMR207
Dustproof Keeper

CAT. NO.	FINISH
CPL205BS	Brushed Stainless
CPL205PS	Polished Stainless

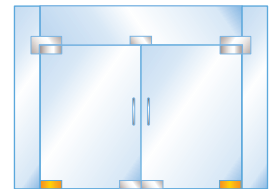
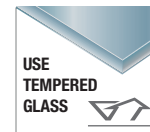
Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

CRL Curved Bottom Door Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 2-11/16" (68 mm) Pivot Setback
- For Herculite™ + Style Doors



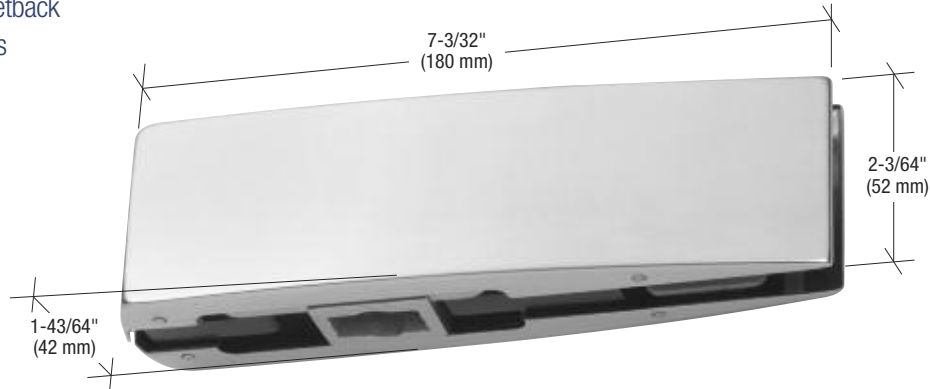
1NT301 Insert
(Included)



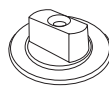
NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole and Corner Notch.
Template available at crlaurence.com.



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

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.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

223Z

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

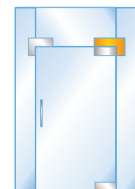
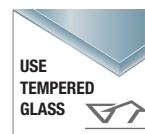
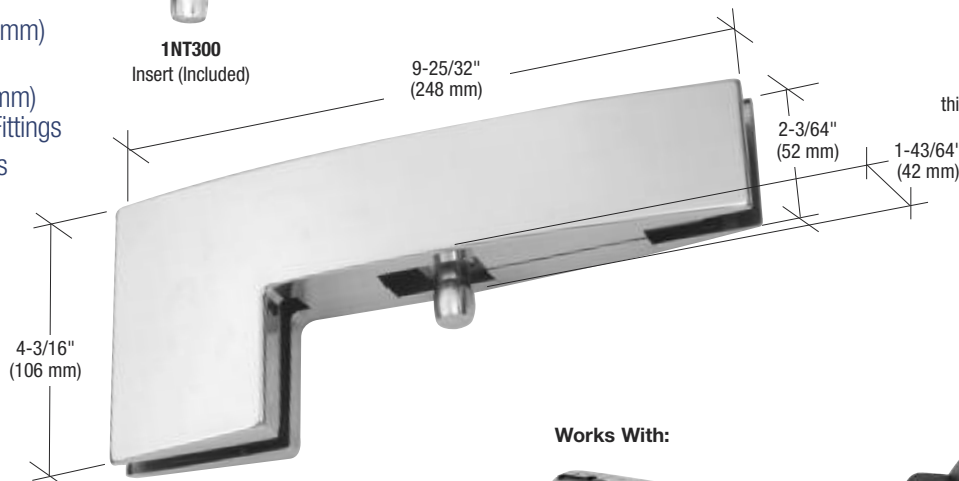
CRL
ALUMINUM

CRL Curved Sidelite Mounted Transom Patch Fitting

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Works With 2-11/16" (68 mm) Pivot Setback Door Patch Fittings
- For Herculite™ + Style Doors



1NT300
Insert (Included)



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

Glass Fabrication Required:

Three 3/4" (19 mm) Diameter Holes and Corner Notch.
Template available at crlaurence.com.

CAT. NO.	FINISH
CPF40BS	Brushed Stainless
CPF40PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

Works With:



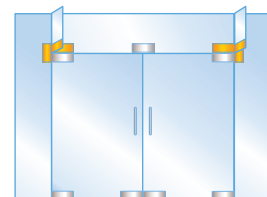
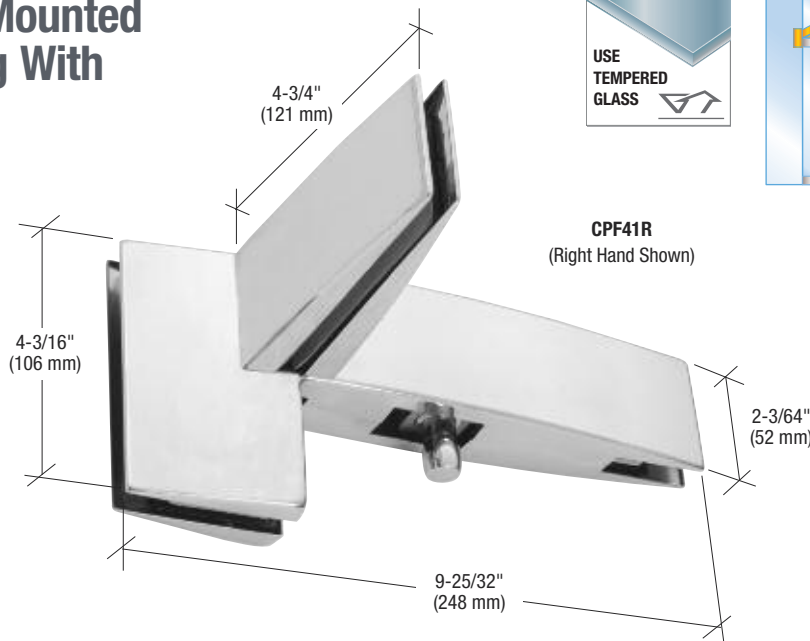
CPF20A
Top Door Patches



1NT306
Stop Insert

CRL Curved Sidelite Mounted Transom Patch Fitting With Support Fin Bracket

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Works With 2-11/16" (68 mm) Pivot Setback Door Patch Fittings
- Left and Right Handed
- For Herculite™ + Style Doors



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

Glass Fabrication Required:

Five 3/4" (19 mm) Diameter Holes and Two Corner Notches.
Template available at crlaurence.com.

Works With:



CPF20A
Top Door Patches



PH94
Ceiling Mounted Support Fin Bracket



1NT300
Insert (Included)



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.

Herculite is a registered trademark of PPG Industries, now Vitro

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

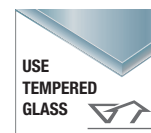
224Z

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

CRL
ALUMINUM

CRL Curved Wall Mounted Transom Patch Fitting

- Works With 2-11/16" (68 mm) Pivot Setback Door Patch Fittings
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Herculite™ + Style Doors



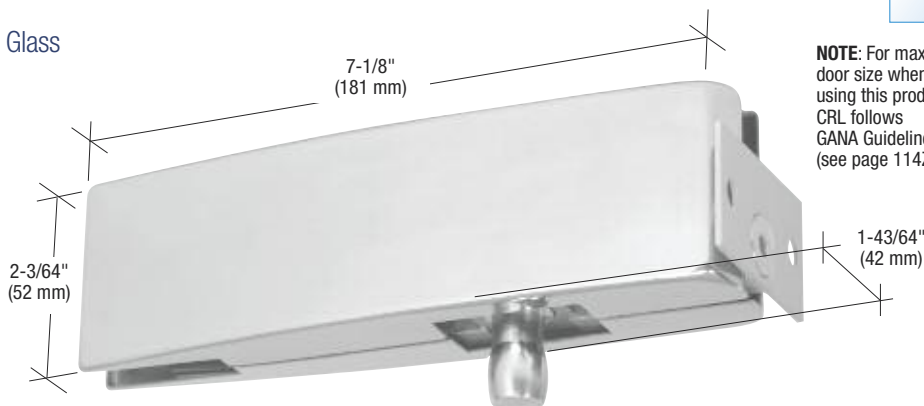
NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



1NT300
Insert (Included)



1NT306
Stop Insert
(Purchase separately to create a one way door)



Glass Fabrication Required:

One 3/4" (19 mm) Diameter Hole and Corner Notch.
Template available at crlaurence.com.

Works With:

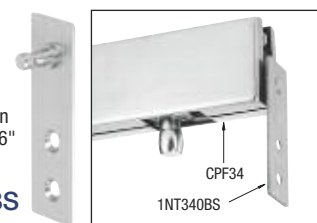


CPF20A
Top Door Patches

Optional Mounting Bracket:

Replaces standard Wall Mounting Plate and is concealed on hinge side when door is installed. 10-32 x 7/16" Machine Screws included.

CAT. NO. 1NT340BS



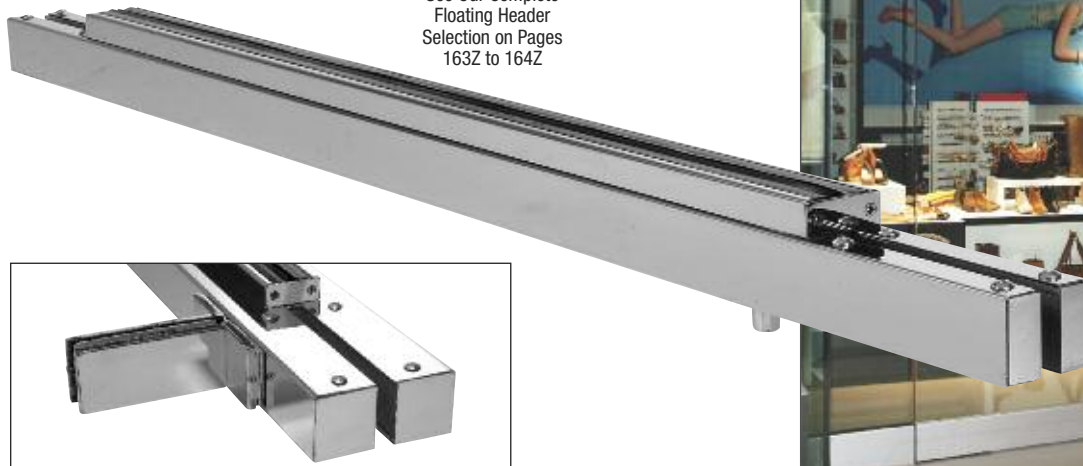
CAT. NO.	FINISH
CPF34BS	Brushed Stainless
CPF34PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

CRL Floating Headers for 'All-Glass' Entrances

- Models With or Without Stabilizer Fin Brackets
- Available in Glass-to-Glass or Glass-to-Wall Installations
- Offered With or Without Overhead Concealed Door Closers

See Our Complete
Floating Header
Selection on Pages
163Z to 164Z



Floating Header With Fin Brackets

Herculite is a registered trademark of PPG Industries, now Vitro



Floating Header Without Fin Brackets

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

225Z

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

CRL
ALUMINUM

DORMA® North American Top Door Patch Fitting

- For 3/4" (19 mm) Tempered Glass
- 2-3/4" (70 mm) Pivot Setback
- For Herculite™ + Style Doors

dormakaba



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



1NT303 Insert
(Included)



1NT303R Insert
(Ordered Separately) for Rixson 340
Center Hung Walking Beam Pivot
1/2" (13 mm) Pin

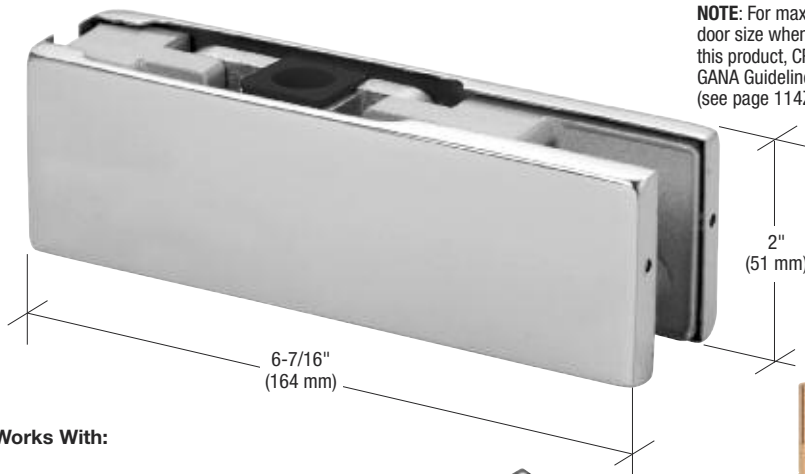
For Use With:

3/4" (19 mm) Tempered Glass

Glass Fabrication Required:

One 13/16" (20 mm) Diameter Hole and Corner Notch.

Template available at crlaurence.com



Works With:



CRL9040WBP
Walking Beam Pivot



1NT300
Top Pivot Insert



1NT401
Surface Mounted Top Pivot



1NT405
Threaded Top Pivot

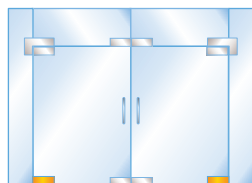
CAT. NO.	FINISH
PT2034BS	Brushed Stainless
PT2034PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

DORMA® North American Bottom Door Patch Fitting

- For 3/4" (19 mm) Tempered Glass
- 2-3/4" (70 mm) Pivot Setback
- For Herculite™ + Style Doors

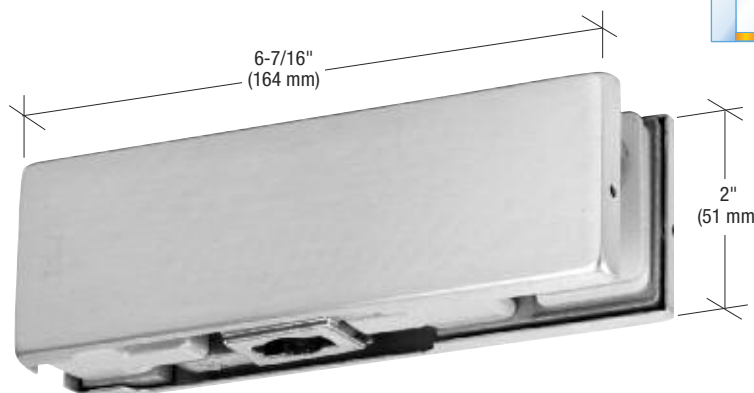
dormakaba



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).



Insert (Included)
For Replacement Order Cat. No. 1NT301



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

CAT. NO.	FINISH
PT1034BS	Brushed Stainless
PT1034PS	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

Herculite is a registered trademark of PPG Industries, now Vitro
dormakaba and Dorma are registered trademarks of dormakaba International Holding AG Aktiengesellschaft (AG) Joint Stock Company.

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

226Z

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

CRL
US ALUMINUM

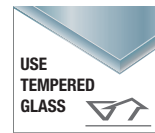
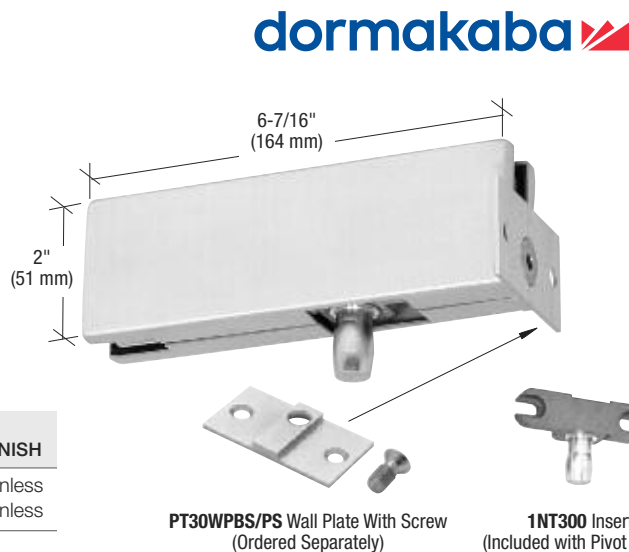
DORMA® Wall Mounted Transom Patch Fitting

- For 3/4" (19 mm) Tempered Glass
- Works With 2-3/4" (70 mm) Pivot Setback Door Patch Fitting
- For Herculite™ + Style Doors

For Use With: 3/4" (19 mm) Tempered Glass
Glass Fabrication Required:
 One 13/16" (20 mm) Diameter Hole and Corner Notch.
 Template available at crlaurence.com.

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.



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

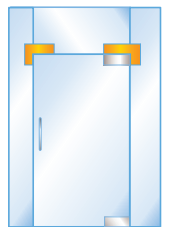
DORMA® Sidelite Mounted Transom Patch Fitting

- For 3/4" (19 mm) Tempered Glass
- Works With 2-3/4" (70 mm) Pivot Setback Door Patch Fitting
- For Herculite™ + Style Doors

For Use With: 3/4" (19 mm) Tempered Glass
Glass Fabrication Required:
 Three 13/16" (20 mm) Diameter Holes and Corner Notch.
 Template available at crlaurence.com.

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.



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

DORMA® Sidelite Mounted Transom Patch With Support Fin Bracket

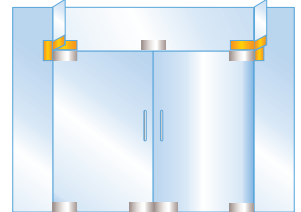
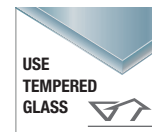
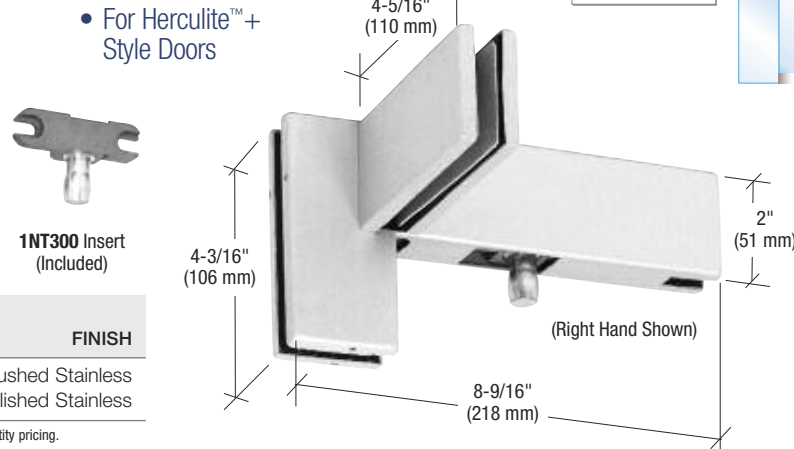
- For 3/4" (19 mm) Tempered Glass
- Works With 2-3/4" (70 mm) Pivot Setback Door Patch Fitting
- Left and Right Handed

For Use With: 3/4" (19 mm) Tempered Glass
Glass Fabrication Required:
 Five 13/16" (20 mm) Diameter Holes and Corner Notch.
 Template available at crlaurence.com.

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.

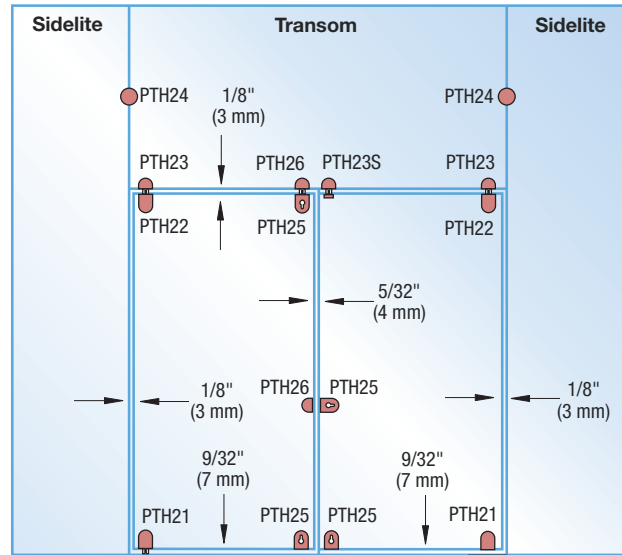
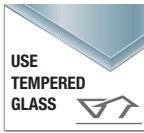
Herculite is a registered trademark of PPG Industries, now Vitro
 dormakaba and DORMA are registered trademarks of dormakaba International Holding AG Aktiengesellschaft (AG) Joint Stock Company.



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

CRL PTH Series Patch Fittings

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- A Complete Selection for Single or Double Doors, Transoms, and Sidelites Fittings
- Available in Brushed or Polished Stainless Finishes
- For Herculite™ + Style Doors



NOTE: For maximum door size when using this product, CRL follows GANA Guidelines (see page 114Z).

CRL Patch Connector

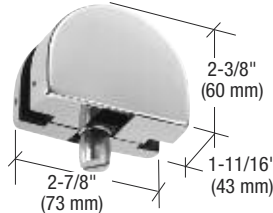


Glass Fabrication Required:
One Notch in each lite. Template available at crlaurence.com.

CAT. NO.	FINISH
PTH24BS	Brushed Stainless
PTH24PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

CRL Top Transom Pivot Patch

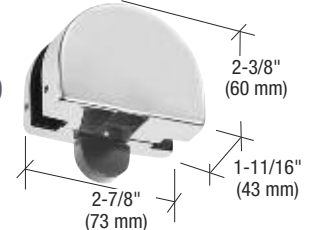


For Use With: PTH22 Top Door Patch
Glass Fabrication Required:
One Notch. Template available at crlaurence.com.

CAT. NO.	FINISH
PTH23BS	Brushed Stainless
PTH23PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

CRL Top Transom Door Stop



Glass Fabrication Required:
One Notch. Template available at crlaurence.com.

CAT. NO.	FINISH
PTH23BS	Brushed Stainless
PTH23PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

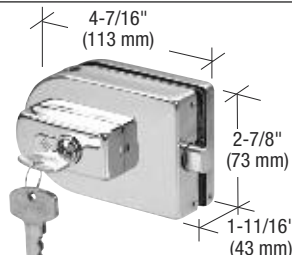
CRL Glass Mounted Patch Lock

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 available at crlaurence.com.

Herculite is a registered trademark of PPG Industries, now Vitro



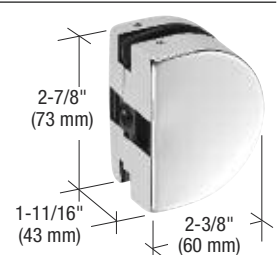
CAT. NO.	FINISH
PTH25BS	Brushed Stainless
PTH25PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

CRL Glass Mounted Patch Lock Keeper

For Use With:
PTH25 Series Lock (Order Separately)

Glass Fabrication Required:
One Notch. Template available at crlaurence.com.



CAT. NO.	FINISH
PTH26BS	Brushed Stainless
PTH26PS	Polished Stainless

Minimum order: 1 each. All PTH Series Patch Fittings can be combined for quantity pricing.

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

- Works With Cat. Nos. 1NT305L and 1NT305R Bottom Patch Inserts (Sold Separately See Page 230Z)
- Easily Adjusted Without Removing Door
- Easy Installation

NEW!

This CRL Adjustable Floor Mounted Bottom Free-Swinging Pivot provides a 3/16" (5 mm) height adjustment, and works with Cat. Nos. 1NT305L and 1NT305R Bottom Patch Inserts (sold separately see page 230Z). Fasteners and anchors included.



CAT. NO.	FINISH
1NT407BS	Brushed Stainless
1NT407PS	Polished Stainless

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Adjustable Free-Swinging Bottom Pivot

- Has 3/16" (5 mm) of Height Adjustment
- Can Be Floor or Threshold Mounted

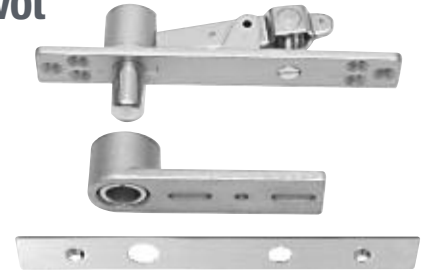


This CRL Adjustable Free-Swinging Bottom Pivot can be floor or threshold mounted, and provides 3/16" (5 mm) of height adjustment. Ideal for use with our PH10C, PH11C, and EUR410 Bottom Door Patch Fittings. Minimum clearance is 3/8" (10 mm). Minimum order is one each.

CAT. NO. 1NT403

CRL Free-Swinging 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. By using the included Pivot Receptor, they can also be used with any aluminum door rail with a pocket depth of 1" (25 mm). Hollow Tube Mounting Brackets are available, see page 337Z. For additional Walking Beam Pivots, see pages 337Z and 346Z.

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

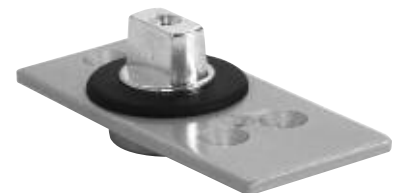
CRL Header Mounted Free-Swinging Top Pivots have a pivot pin diameter of 19/32" (15 mm), and are designed for mounting into masonry or metal headers for use with PH20A, PH21A, and EUR420 Top Door Patch Fittings. Minimum order is one each.



CAT. NO. 1NT405

CRL Free-Swinging Bottom Pivot

- 7/8" (22 mm) Flat Tapered Spindle
- For Use With Bottom Door Patches and Door Rails



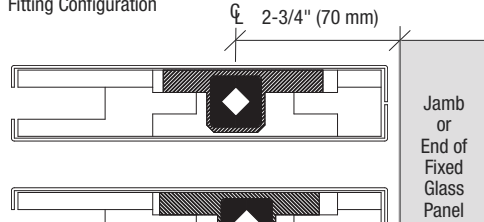
This CRL Free-Swinging Bottom Pivot has a flat tapered type spindle. Typically used with CRL Bottom Door Patches and Door Rails. Weight capacity is 440 pounds (200 kg). Minimum clearance is 5/16" (8 mm). Minimum order is one each.

CAT. NO. 1NT402

Pivot Setbacks

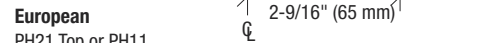
American

PH20 Top or PH10
Bottom Door Patch
Fitting Configuration



European

PH21 Top or PH11
Bottom Door Patch
Fitting Configuration



CRL Bottom Door Patch Inserts

NEW!

For Use With:
AMR201, EUR201
Bottom Door
Patch Fittings and
1NT407BS/PS
Adjustable Bottom
Free-Swinging Pivots

Works With:



1NT407BS/PS
Adjustable Bottom
Free-Swinging Pivots
(see page 229Z)

Includes:

- 1 Each: 1NT305 Door Patch Insert;
- 2 Each: Hex Head Cap Screws for Attaching Insert to Door Patch



1NT305L
Left Hand



1NT305R
Right Hand

CAT. NO.	DESCRIPTION
1NT305L	Left Hand Bottom Insert With Screws
1NT305R	Right Hand Bottom Insert With Screws

Minimum order: 1 each. All Patch Inserts can be combined for quantity pricing.

CRL Transom Patch Top Pivot Insert

For Use With:

PH34, PH40, PH41L, PH41R,
PH42L, PH42R, PH43L, PH43R,
and PH51 Transom Patch Fittings

Connects To:

PH20A and PH21A Top Door
Patch Fittings

Includes:

- 1 Each: 1NT300 Top Pivot Insert;
- 2 Each: Hex Head Cap Screws for Attaching Insert to Transom Patch



Important Information:

The 1NT300 Top Pivot Insert is reversible. When used with the International Series Transom Patch Fittings, it allows for the use of either PH20A American 2-3/4\" (70 mm) Pivot Setback or PH21A European 2-9/16\" (65 mm) Pivot Setback Top Door Patch Fittings by simply turning the Top Pivot Insert around in the Transom Patch Fitting.

This Top Pivot Insert is used in a variety of Transom Patch Fittings to provide a top pivoting pin to which the Top Door Patch Fitting connects.

CAT. NO.	DESCRIPTION
1NT300	Top Pivot Insert with Screws

Minimum order: 1 each. All Patch Inserts can be combined for quantity pricing.

CRL Top Door Closer Patch Insert

For Use With:

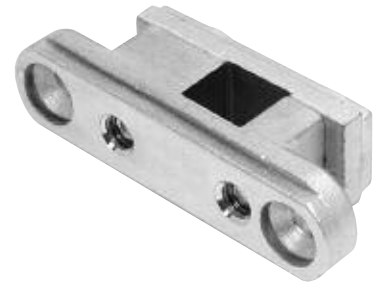
PH20 and PH21 Top
Door Patch Fittings
NOTE: Do not use
with PH20C

Connects To:

CRL, Jackson,
International, and Many
Other Concealed
Overhead Door Closers

Features:

Two Piece Construction
Allows for Front
Loading of Door



Includes:

- 1 Each: 1NT304 Top Door Closer Patch Insert;
- 2 Each: Flat Head Hex Screws for Attaching Insert to the Top Door Patch

Works With:



Concealed Overhead
Door Closers with
9/16\" (14 mm)
Square Spindle

CAT. NO.	DESCRIPTION
1NT304	Top Door Closer Patch Insert with Screws

Minimum order: 1 each. All Patch Inserts can be combined for quantity pricing.

CRL Adjustable Top Door Patch Inserts

For Use With:

PH20 and PH21 Top Door Patch Fittings
NOTE: Do not use with PH20C

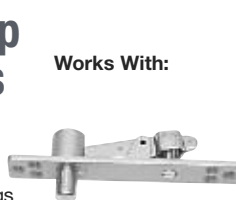
Connects To:

All Transom Patch Fittings with
1NT300 Top Pivot Insert;
1NT401 Surface Mounted Top Pivot;
1NT405 Threaded Top Pivot;
CRL9040WBP Walking Beam Top Pivot

Accepts:

Pivot Diameter of 19/32\" (15 mm)

Works With:



CRL9040WBP
Walking Beam Top Pivot



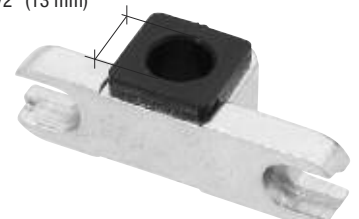
1NT405
Threaded Top Pivot



1NT401
Surface Mounted
Top Pivot



1NT300
Top Pivot Insert



1NT303 - 19/32\" (15 mm)
1NT303R - 1/2\" (13 mm)

Includes:

- 1 Each: 1NT303 Adjustable Top Door Patch Insert;
- 2 Each: Hex Head Cap Screws for Attaching Insert to the Top Door Patch

CAT. NO.	DESCRIPTION
1NT303	Adjustable Top Door Patch Insert with Screws
1NT303R	Adjustable Top Door Patch Insert with Screws for Rixson 340 Series 1/2\" (13 mm) Walking Beam Pivot Only

Minimum order: 1 each. All Patch Inserts can be combined for quantity pricing.

CRL Bottom Door Patch Insert

For Use With:

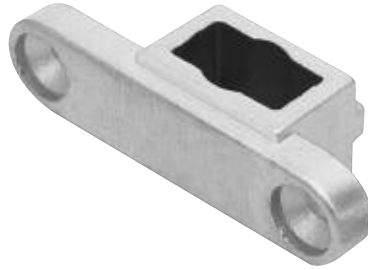
PH10 and PH11 Bottom
Door Patch Fittings

Connects To:

CRL8300 and CRL8400 Series
Floor Closers; Floor Closers with
International Type Pivot; 1NT402
Bottom Free-Swinging Pivot;
1NT403 and 1NT406 Adjustable
Bottom Free-Swinging Pivots

Includes:

- 1 Each: 1NT301 Bottom
Door Patch Insert;
- 2 Each: Hex Head Cap
Screws for Attaching
Insert to the Bottom
Door Patch



Works With:



1NT406
Adjustable Bottom
Free-Swinging Pivot



1NT403
Adjustable Bottom
Free-Swinging Pivot



1NT402 Bottom
Free-Swinging Pivot

CAT. NO.

1NT301

DESCRIPTION

Bottom Door Patch Insert with Screws

Minimum order: 1 each. All Patch Inserts can be combined for quantity pricing.

CRL Transom Patch Keeper Insert for AMR205 Lock

For Use With:

PH34, PH40,
PH41L, PH41R,
PH42L, PH42R,
PH43L, PH43R,
and PH51 Transom
Patch Fittings
to Create a Keeper
for the AMR205 Lock



Includes:

- 1 Each: AMR305 Keeper Insert;
- 2 Each: Hex Head Cap Screws
for Attaching Insert
to Transom Patch

When used with a variety of Transom Patch Fittings, this Patch Keeper Insert allows the use of the AMR205 Lock on the top of the door. The Keeper Insert is put into the Transom Patch Fitting, and creates a receptacle for the lock's bolt.

CAT. NO.

AMR305

DESCRIPTION

Transom Patch Keeper Insert with Screws

Minimum order: 1 each. All Patch Inserts can be combined for quantity pricing.

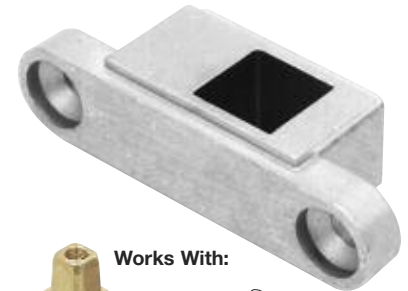
CRL Bottom Door Patch Insert

For Use With:

PH10 and PH11 Bottom
Door Patch Fittings

Connects To:

Floor Closers with Casma
(Speedy) Type Spindle;
1NT404 Adjustable Bottom
Free-Swinging Pivot



Includes:

- 1 Each: 1NT302 Bottom
Door Patch Insert;
- 2 Each: Flat Head Hex
Screws for Attaching
Insert to the Bottom
Door Patch

Works With:



1NT404
Adjustable Bottom
Free-Swinging Pivot



Floor Closers With Casma
(Speedy) Tapered Square
Spindle

CAT. NO.

1NT302

DESCRIPTION

Bottom Door Patch Insert with Screws

Minimum order: 1 each. All Patch Inserts can be combined for quantity pricing.

CRL Transom Patch Door Stop

For Use With:

PH34, PH40, PH41L,
PH41R, PH42L,
PH42R, PH43L,
PH43R, and PH51
Transom Patch
Fittings to Create
a Door Stop



Includes:

- 1 Each: Insert with Door Stop
- 2 Each: Hex Head Cap Screws
for Attaching Insert
to Transom Patch

This Door Stop Insert can be used as a door stop in a variety of Transom Patch Fittings to make the door a one way door.

CAT. NO.

1NT306

DESCRIPTION

Door Stop Insert with Screws

Minimum order: 1 each. All Patch Inserts can be combined for quantity pricing.

CRL Reversible Door Stop

For Use With:

PH60 and PH70 Sidelite and
Transom Patch Connectors
to Create a Door Stop



Includes:

- 1 Each: Reversible Door Stop

By simply turning this Reversible Door Stop around, you have the choice of making the door swing out or in.

CAT. NO.

1NT310

DESCRIPTION

Reversible Door Stop

Minimum order: 1 each. All Patch Inserts can be combined for quantity pricing.

CRL Adjustable Free-Swinging Bottom Pivot

- Flat and Square Tapered Styles Available
- Provides 1/4" (6 mm) Height Adjustment
- 220 Pound (100 kg) Capacity

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 7/8" to 1" (22 to 25 mm) diameter 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.



CAT. NO. 1NT404
"MAB" Type Square Tapered Spindle



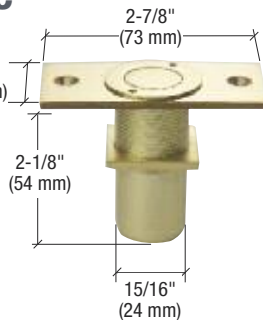
CAT. NO. 1NT406
Flat Tapered Spindle

CRL Dustproof Keeper With Mounting Plate

NEW!

- Available in Locking and Non-Locking Models
- Accepts a 5/8" (16 mm) Plunger

Fabrication Required:
1" (25 mm) Diameter Hole
Two Screw Anchor Holes
Includes:
2 Each Flat Head Screws



CAT. NO.	LOCKABLE	FINISH
AMR208BR	No	Polished Brass
AMR208BN	No	Brushed Nickel
AMR208PS	No	Polished Chrome
AMR209BR	Yes	Polished Brass
AMR209BN	Yes	Brushed Nickel
AMR209PS	Yes	Polished Chrome
AMR209BL	Yes	Black Anodized
AMR209DU	Yes	Black Bronze Anodized

Minimum order: 1 each. All Keepers can be combined for quantity pricing.

CRL Dustproof Keeper

- Accepts a 5/8" (16 mm) Plunger
- Three Finishes Available



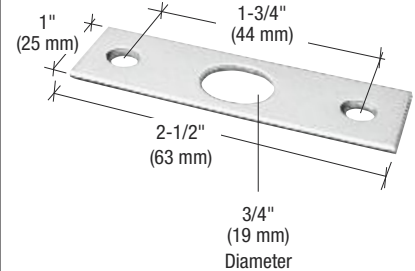
Fabrication Required:
1" (25 mm) Diameter Hole.

CAT. NO.	FINISH
AMR207BR	Polished Brass
AMR207BN	Brushed Nickel
AMR207PS	Polished Chrome

Minimum order: 1 each. All Keepers can be combined for quantity pricing.

CRL Strike Plate

- Works With Door Rail Floor Lock Bolts
- Five Finishes Available



Includes:
2 Each: Flat Head Screws

CAT. NO.	FINISH
777SPSA	Clear Anodized
777SPDU	Black Bronze Anodized
777SPBS	Brushed Stainless
777SPPS	Polished Stainless
777SPPB	Polished Brass

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Floor Mount Stop/Bumper

NEW!

- Provides Positive Stop
- Satin Chrome Finish

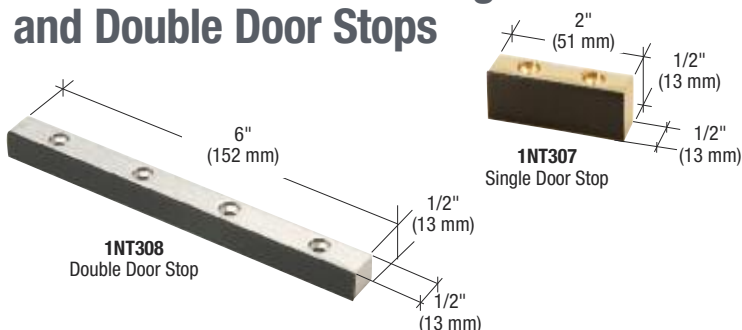
This Floor Mount Stop/Bumper is constructed of brass and comes in a beautiful satin chrome finish. Minimum order is one each.



Includes:
1/4 - 20 x 1" FPHMS With Lead Anchor
#12 - 1-1/4" FPHWS With Plastic Anchor

CAT. NO. 248F

CRL Header Mounted Single and Double Door Stops



- Provides Positive Stop
- Available for Single and Double Doors

CRL Header Mounted Door Stops provide a positive stop when converting double acting doors into single acting one-way doors. Mounting screws are not included.

SINGLE DOOR CAT. NO.	DOUBLE DOOR CAT. NO.	FINISH
1NT307A	1NT308A	Satin Aluminum
1NT307DU	1NT308DU	Black Bronze Anodized
1NT307BR	1NT308BR	Polished Brass
1NT307BS	1NT308BS	Brushed Stainless
1NT307PS	1NT308PS	Polished Stainless

Minimum order: 1 each. All Door Stops can be combined for quantity pricing.

CRL Vernon Series Hydraulic 'All-Glass' Hinges **NEW!**

- No Hold Open Models 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
- Wall Mount Hinges Offered in Two Back Plate Styles

The Vernon Hinge represents the evolution and the synthesis between automatic mechanical hinges and hydraulic door closers. The Vernon 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.

Properly mounted, two Vernon Hinges will support a 3/8" to 1/2" (10 to 12 mm) thick tempered 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. It's also ambidextrous, with positive stops at 0 and 90 degrees, giving you even more design freedom.

The Vernon Hinge features an aluminum body in distinct configurations for Wall Mount and Glass-to-Glass applications. Vernon has been subjected to strict testing (over 1 million cycles), assuring long lasting service.

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

Material: Aluminum

Hinge Swings:
90 Degrees Inwards and Outwards
(Except H8260BT Model, Which Swings One Way Only)

Closing Type:
Automatic Closing From 0 to 80 Degrees

Special Feature:
Adjustable Closing Speed

Glass Fabrication Required:
Template available at crlaurence.com.

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)
Do not exceed either width or weight.
Do not use more than two hinges on one door.

- Adjustable Closing Speed
- Aluminum Body in Your Choice of Three Finishes: Brite Chrome, Brushed Satin, and Satin Anodized
- Require Cut-Out in the Glass

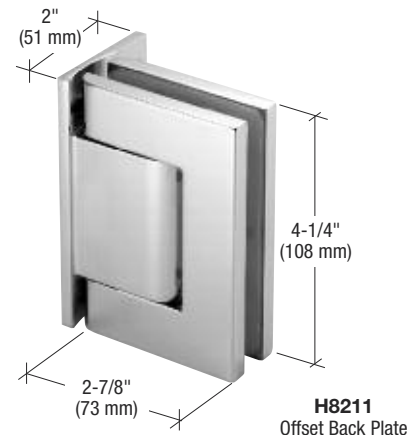
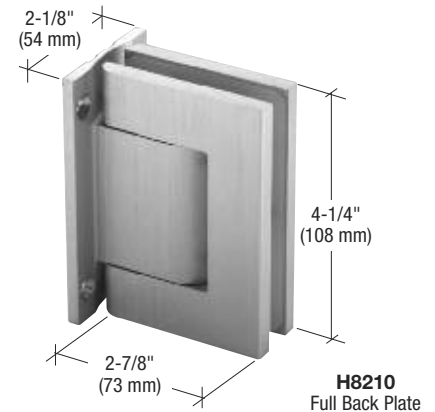


Wall Mount Hinges

No Hold Open Hinges swing in and out a full 90 degrees. Closing speed can be adjusted. For doors up to 39" (1 m) wide. Maximum weight per two hinges is 220 pounds (100 kg).

FULL BACK PLATE CAT. NO.	OFFSET BACK PLATE CAT. NO.	FINISH
H8210BTCH	H8211BTCH	Brite Chrome
H8210BTSN	H8211BTSN	Brushed Satin
H8210BTSA	H8211BTSA	Satin Anodized

Minimum order: 1 each. All Frameless Hinges can be combined for quantity pricing. **NOTE:** 'All-Glass' Hinges are sold individually, not in pairs.

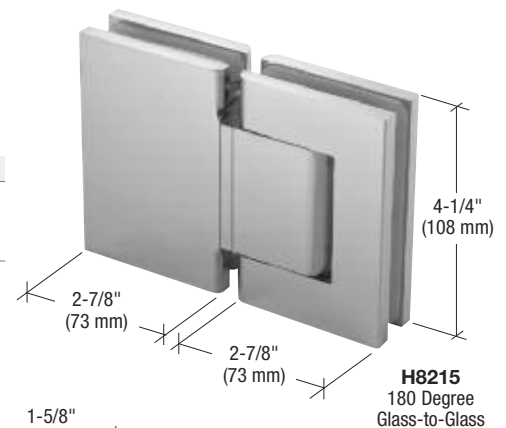


180 Degree Glass-to-Glass Hinge

No Hold Open Hinges swing in and out a full 90 degrees. Closing speed can be adjusted. For doors up to 39" (1 m) wide. Maximum weight per two hinges is 220 pounds (100 kg).

CAT. NO.	FINISH
H8215BTCH	Brite Chrome
H8215BTSN	Brushed Satin
H8215BTSA	Satin Anodized

Minimum order: 1 each. All Frameless Hinges can be combined for quantity pricing. **NOTE:** 'All-Glass' Hinges are sold individually, not in pairs.

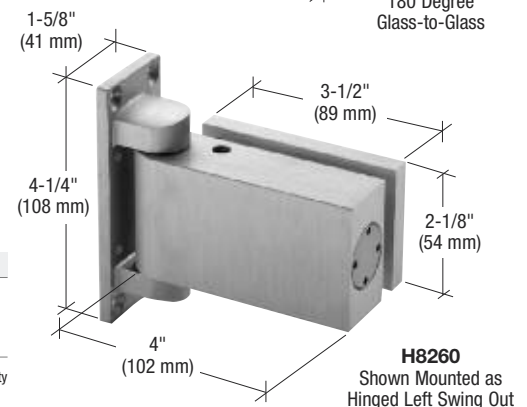


One Way Swinging Wall Mount Hinge

No Hold Open Hinges ideal for hermetic closing. Swings one way a full 90 degrees. Closing speed can be adjusted. For doors up to 39" (1 m) wide. Maximum weight per two hinges is 220 pounds (100 kg).

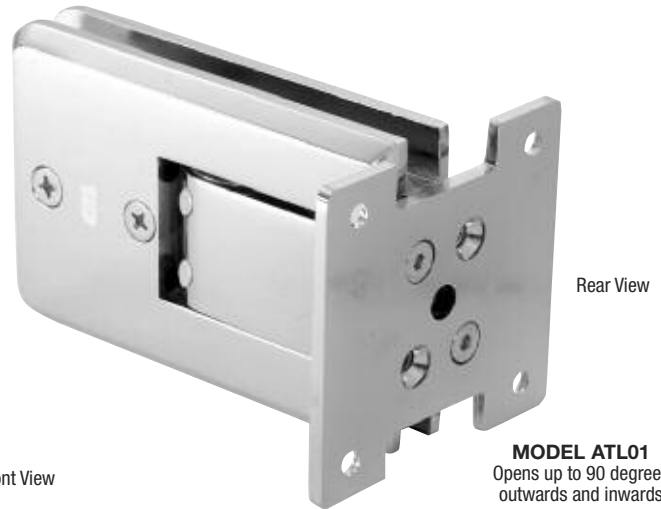
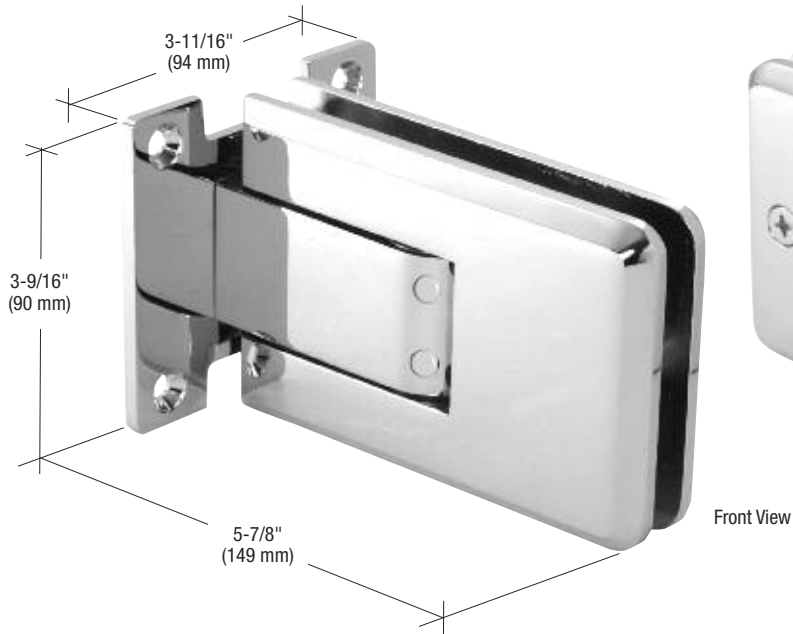
CAT. NO.	FINISH
H8260BTCH	Brite Chrome
H8260BTSN	Brushed Satin
H8260BTSA	Satin Anodized

Minimum order: 1 each. All Frameless Hinges can be combined for quantity pricing. **NOTE:** 'All-Glass' Hinges are sold individually, not in pairs.



CRL Atlas Series Wall Mount Hinge

- Accept 5/16", 3/8", and 1/2" (8, 10, and 12 mm) Tempered Glass
- Ideal for Large Interior Doors
- Self-Centering Function
- Hold Open at 90 Degrees
- Simple 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
- Both Spring Tension and Closing Position are Easy to Adjust



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 any location that may involve excess moisture.

Glass Thickness Range:

5/16", 3/8", and 1/2" (8, 10, and 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

Glass Fabrication Required:

Template available at crlaurence.com.

Includes:

Gaskets, Phillips Screws and Allen Screws.

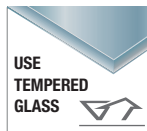
Maximum Capacities Using Two Hinges:

Door Width: 39" (1 m);

Door Weight: 140 pounds (63.5 kg)

Do not exceed either width or weight.

Do not use more than two hinges on one door.



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 Glass Door Hinges can be combined for quantity pricing. Other finishes available on special order. **NOTE:** 'All Glass' Door Hinges are sold individually, not in pairs.



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 Products.



go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

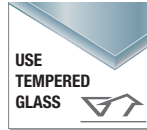
235Z

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

CRL
ALUMINUM

CRL Center Locks and Glass Keepers

- 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



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 easy-to-use Quote/Order Forms that takes you through all the required information needed to produce your Custom Center Lock. The Forms can be faxed or e-mailed to you, or accessed at crlaurence.com/entrance-systems.

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

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. Glass cut-out template available at crlaurence.com.

For optional 28" (711 mm) Crossbar Pull Handle see page 238Z.



RH/LHR Shown

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



Glass Cut-Out Required

Minimum order: 1 each. *See page 240Z for handing chart. All Center Locks and Keepers can be combined for quantity pricing. See page 238Z for replacement handles.

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 Stock Finishes
- Custom Sizes for Other Glass Thicknesses and Custom Finishes Can Be Special Ordered

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. Glass cut-out template available at crlaurence.com.



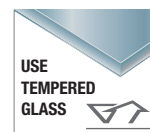
Non-Handed

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



Glass Cut-Out Required

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



CRL 4" x 10" Center Locks and Glass Keepers

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

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. Glass cut-out template is available at crlaurence.com. For optional 28" (711 mm) Crossbar Pull Handle see page 238Z.



Non-Handed



Glass Cut-Out Required

CAT. NO.	CLAD FINISH
DT410BS	Brushed Stainless
DT410PS	Polished Stainless
DT410PB	Polished Brass
DT410SC	Satin Anodized
DT410DU	Black Bronze

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing. See page 238Z for replacement Handles.

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

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. Glass cut-out template is available at crlaurence.com. For optional 28" (711 mm) Crossbar Pull Handle see page 238Z.



Non-Handed



Glass Cut-Out Required

CAT. NO.	CLAD FINISH
DH410BS	Brushed Stainless
DH410PS	Polished Stainless
DH410PB	Polished Brass
DH410SC	Satin Anodized
DH410DU	Black Bronze

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing. See page 238Z for replacement Handles.

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 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. Glass cut-out template is available at crlaurence.com.



Non-Handed



Glass Cut-Out Required

CAT. NO.	CLAD FINISH
DTK410BS	Brushed Stainless
DTK410PS	Polished Stainless
DTK410PB	Polished Brass
DTK410SC	Satin Anodized
DTK410DU	Black Bronze

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

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 Stock Finishes

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. Glass cut-out template is available at crlaurence.com.



LH/RHR Shown

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

Minimum order: 1 each. *See page 240Z 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 4" x 10" Center Lock Accessories

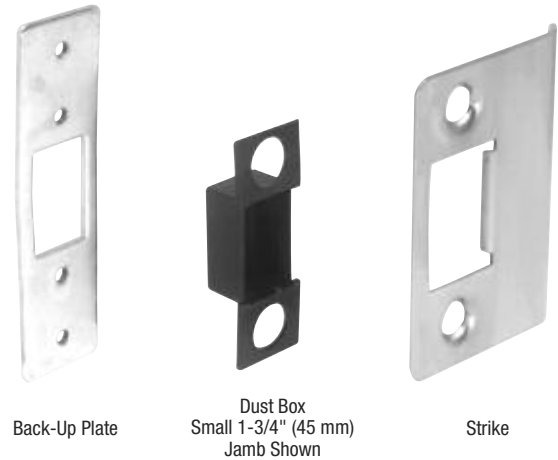
CRL 4" x 10" Center Lock Strikes

- Brushed Stainless Steel
- Dust Box and Back-Up Plate Included
- Non-Handed

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.	FINISH
DL4515	DL4540	DL4545	Brushed Stainless

Minimum order: 1 each. All Center Lock Strikes can be combined for quantity pricing.



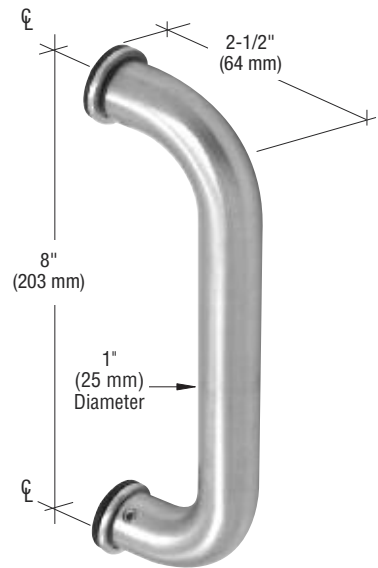
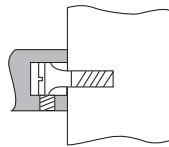
CRL 1" Tubular Single-Sided Pull Handle

- Single Sided Pull Handle for Use With 4" x 10" (102 x 254 mm) CRL Center Locks (See Pages 236Z-237Z)
- Five Architectural Finishes
- Stainless Steel or Brass Tubing

CRL 1" (25 mm) diameter, 8" (203 mm) center-to-center Pull Handle for standard one-sided mounting is typically used with 4x10 Center Locks (see pages 236Z-237Z).

CAT. NO.	FINISH
CM8BS	Brushed Stainless
CM8PS	Polished Stainless
CM8BR	Polished Brass
CM8SC	Satin Anodized
CM8DU	Dark Bronze

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



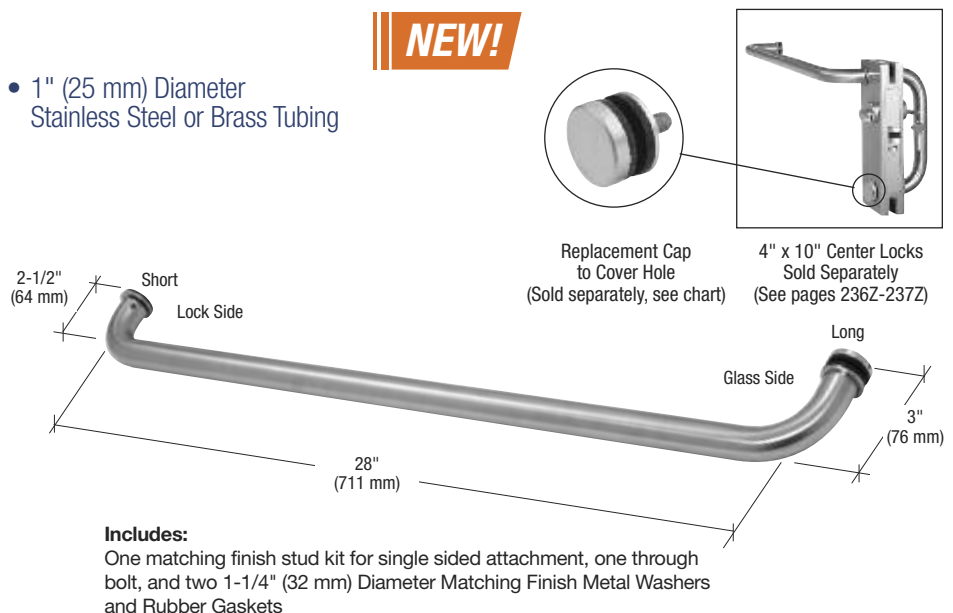
CRL 28" Crossbar Pull Handle

- Uneven Legs for Use With 4" x 10" (102 x 254 mm) CRL Center Locks (See Pages 236Z-237Z)
- 1" (25 mm) Diameter Stainless Steel or Brass Tubing

CRL 28" (711 mm) Crossbar Pull Handles are designed to be used with CRL 4" x 10" (102 x 254 mm) Center Locks (see pages 236Z-237Z). **NOTE:** When retrofitting to a stock 4" x 10" (102 x 254 mm) Center Lock, a Replacement Cap must be ordered to cover the existing hole (thread may need to be cut down). One 5/8" (16 mm) diameter hole is required.

28" CROSSBAR CAT. NO.	REPL. CAP CAT. NO.	FINISH
CM28BS	F40SKBS	Brushed Stainless
CM28BR	F40SKBR	Polished Brass
CM28SC	F40SKSA	Satin Anodized
CM28DU	F40SKDU	Dark Bronze

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



CRL Custom 4" x 10" Center Locks With Deadlatches

4" X 10" Custom Center Locks with Deadlatches are available with many options. You have a choice of Actuating Mechanisms, Keyed Cylinder or Thumbturn, Handle and Crossbar (see below for selection). These locks have a dogging feature that 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 four stock finishes for 1/2" (12 mm) or 3/8" (10 mm) heavy glass doors. Strike Plates or Glass Keepers must be ordered separately (see pages 237Z-238Z). Glass Keepers with Electric Strikes are shown on page 237Z. To simplify ordering we have an Easy-to-Use Ordering Menu available at crlaurence.com/center-locks.

- Installs Easily With Bolts; No Messy Silicone or Cement Required
- Ready to Ship Within 5-7 Business Days
- Available in Four Stock Finishes



Paddle Handle



Lever Latch



Keyed Cylinder



Thumbturn



8" D-Handle



LH Shown



28" Crossbar



LH Shown

LH* CAT. NO.	RH* CAT. NO.	LHR* CAT. NO.	RHR* CAT. NO.	CLAD FINISH
DLL410BSC	DLR410BSC	DLL411BSC	DLR411BSC	Brushed Stainless
DLL410PBC	DLR410PBC	DLL411PBC	DLR411PBC	Polished Brass
DLL410PSC	DLR410PSC	DLL411PSC	DLR411PSC	Polished Stainless
DLL410SCC	DLR410SCC	DLL411SCC	DLR411SCC	Satin Anodized



Glass Cut-Out
Required

Minimum order: 1 each. *See page 240Z for handing chart.



go to crlaurence.com to search for

center-locks

Search

or enter the Catalog Number for complete product information

239Z

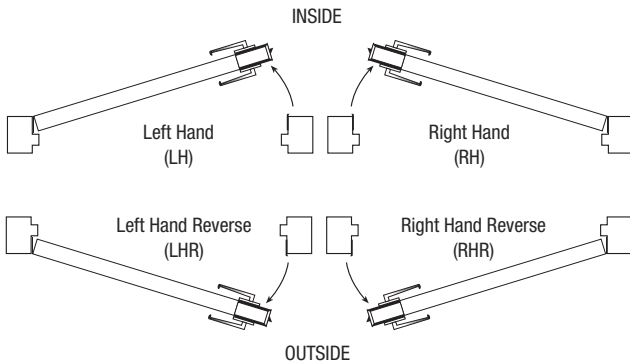
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada



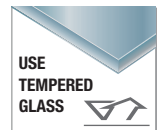
CRL 6" x 10" Center Locks With Deadlatch

- 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 Stock Finishes
- Simple Installation Without the Mess of Cement or Silicone
- Jamb Mount Strike Plates Available (See Page 242Z)

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. Glass cut-out template is available at crlaurence.com. No messy cement or silicone required for installing. Center Locks are available left and right handed (see reference diagram below).



Glass Cut-Out Required



CRL 6" x 10" Office Center 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

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

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Entrance Center 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.

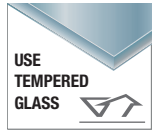


LHR Shown

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

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

CRL 6" x 10" Passage Center 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

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



LHR
Shown

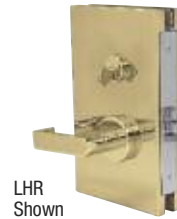
With a "Passage Lock" the levers are always operable, allowing the Latchbolt to be retracted at all times.

CRL 6" x 10" Storeroom Center 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

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



LHR
Shown

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.

CRL 6" x 10" Classroom Center 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

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



LHR
Shown

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.

CRL 6" x 10" Push Button Center Locks and Glass Keepers

- Requires No Electrical Connections
- Complies With A.D.A. Standards
- Five Stock Finishes Available



CRL Push Button Center 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

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

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

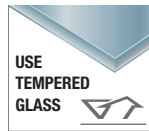
* Push Button Lock and Glass Keeper are sold separately.

CRL 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 Stock Finishes



RH/LHR Shown



USE
TEMPERED
GLASS

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. Glass cutout required (template available at crlaurence.com).

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



Glass Cut-Out
Required

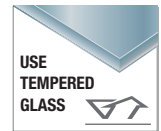
Minimum order: 1 each. *See page 240Z for handing chart. All Center Locks and Keepers can be combined for quantity pricing. Extra gaskets available on special order for use with 3/8" (10 mm) glass.

CRL 6" x 10" Center Lock Glass Keepers

- Installs Easily With Bolts; No Silicone or Cement Required
- Available in Five Stock Finishes
- For 1/2" (12 mm) Tempered Glass



Non-Handed



USE
TEMPERED
GLASS

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 stock finishes for 1/2" (12 mm) tempered glass doors.

NOTE: Glass cut-out required (template available at crlaurence.com).

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



Glass Cut-Out
Required

Minimum order 1 each. All Center Locks and Keepers can be combined for quantity pricing. *Used only with Entrance Locks.

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 240Z for handing chart. All Strikes can be combined for quantity pricing.

CRL Lever for Handle 6" x 10" Center Lock

- Tubular Construction
- Commercial Look
- Brushed Stainless Finish



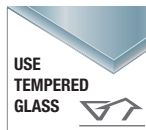
6" x 10" Center Lock
Sold Separately
(See Pages 240Z-241Z)

This CRL Lever Handle is for 6" x 10" (152 x 254 mm) Center Locks. The Handle is tubular with a mitered sharp corner. It is designed to give the DL610 Series Lever Locks a commercial look. Minimum order is one each.

CAT. NO. DL610302BS

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
- Simple Installation Without the Mess of Cement or Silicone
- Jamb Mount Strike Plate Provided With Lock
- Uses Our Standard Thumbturns and Keyed Cylinders (See Page 171Z)

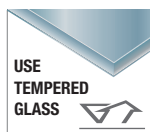


Low Profile Center Locks and Glass Keepers offer the diversity of having a secure lock in a small package that complements our Low Profile Door Rails. Available in five standard finishes that match our entire Door Rail line for both 3/8" and 1/2" (10 and 12 mm) heavy glass doors. This Lock is located 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 (template available at crlaurence.com). 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



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 171Z). 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 right). Glass cut-out template available at crlaurence.com.

CAT. NO.	CLAD FINISH
DTK36BS	Brushed Stainless
DTK36PS	Polished Stainless
DTK36PB	Polished Brass
DTK36SA	Satin Anodized
DTK36DU	Black Bronze

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 Left)
- Non-Handed



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 left). Fits both 3/8" and 1/2" (10 and 12 mm) thick tempered glass. Glass cut-out template available at crlaurence.com.

CAT. NO.	CLAD FINISH
DTK36BS	Brushed Stainless
DTK36PS	Polished Stainless
DTK36PB	Polished Brass
DTK36SA	Satin Anodized
DTK36DU	Black Bronze

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out Required

CRL Lever Lock Glass Housings

- Low Profile Body Design for Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Supplied With ANSI A156.2 Grade 1 or Grade 2 Lever Lock
- Five Function Options
- Non-Handed and Reversible
- Five Architectural Finishes Available



Glass Fabrication is required.
Template available at
crlaurence.com



CRL's Lever Lock Glass 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, Storeroom, and Classroom models are available with either a Schlage® 'C' 6-Pin keyway or a 7-Pin Small Format Interchangeable Core (SFIC). See page 169Z 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.
		Classroom F 84	Outside lever locked or unlocked by key.
		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. Ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.

CRL Lever Lock Glass Housing - Entrance

GRADE 1

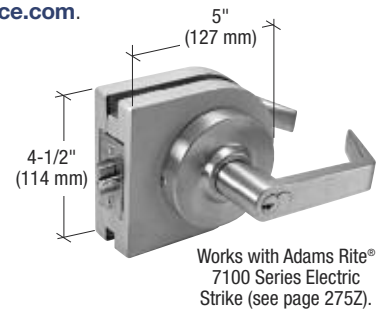
SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH50SA	LH52SA	Satin Anodized
LH50PS	LH52PS	Polished Stainless Steel
LH50BS	LH52BS	Brushed Stainless Steel
LH50PB	LH52PB	Polished Brass
LH50DU	LH52DU	Black Bronze Anodized

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 Glass Housing - Storeroom

GRADE 1

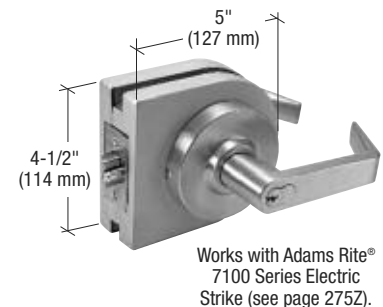
SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH70SA	LH72SA	Satin Anodized
LH70PS	LH72PS	Polished Stainless Steel
LH70BS	LH72BS	Brushed Stainless Steel
LH70PB	LH72PB	Polished Brass
LH70DU	LH72DU	Black Bronze Anodized

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.



go to crlaurence.com to search for

lever-locksets

Search

244Z

or enter the Catalog Number for complete product information

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

CRL
ALUMINUM

CRL Lever Lock Glass Housing - Classroom

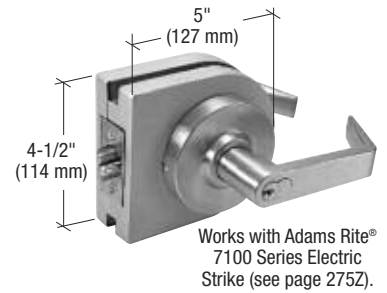
NEW!

GRADE 1		
SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
LH80SA	LH82SA	Satin Anodized
LH80PS	LH82PS	Polished Stainless Steel
LH80BS	LH82BS	Brushed Stainless Steel
LH80PB	LH82PB	Polished Brass
LH80DU	LH82DU	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
LH85SA	LH87SA	Satin Anodized
LH85PS	LH87PS	Polished Stainless Steel
LH85BS	LH87BS	Brushed Stainless Steel
LH85PB	LH87PB	Polished Brass
LH85DU	LH87DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



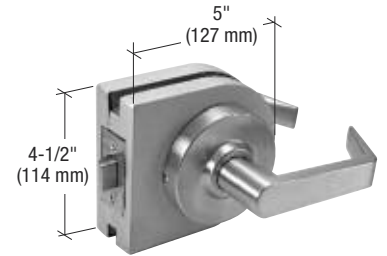
CRL Lever Lock Glass Housing - Passage

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.



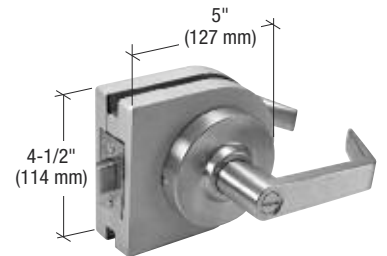
CRL Lever Lock Glass Housing - Privacy

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.

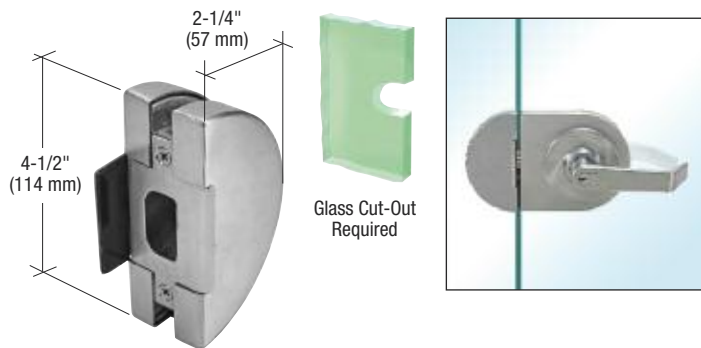
GRADE 2		
CAT. NO.		FINISH
LH45SA		Satin Anodized
LH45PS		Polished Stainless
LH45BS		Brushed Stainless
LH45PB		Polished Brass
LH45DU		Black Bronze Anodized

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Lever Lock Glass Keepers

- For Use With 1/2" (12 mm) Tempered Glass
- 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 (template available at crlaurence.com). 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.

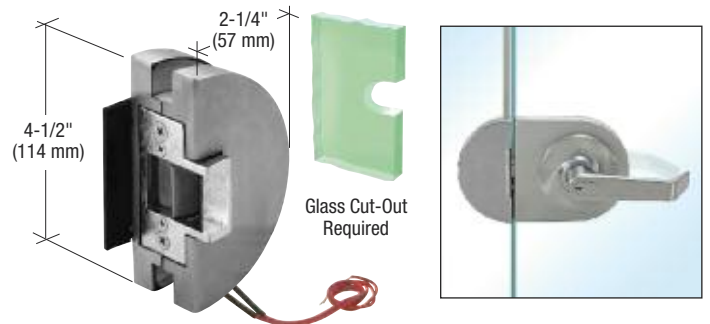
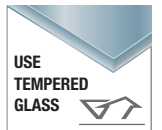
CAT. NO.	FINISH
LHK1SA	Satin Anodized
LHK1PS	Polished Stainless
LHK1BS	Brushed Stainless
LHK1PB	Polished Brass
LHK1DU	Black Bronze Anodized

Minimum order: 1 each. All Lever Lock Keepers can be combined for quantity pricing.

Schlage is a registered trademark of Schlage Lock Company LLC. Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.

CRL Lever Lock Glass Keepers With Electric Strike

- 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.

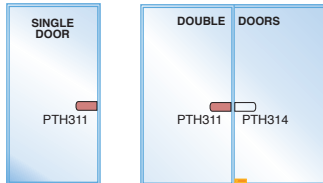
NOTE: Glass cut-out is required (template available at crlaurence.com). When used in a double door application, the door with this Glass Keeper must be secured with a lock at the bottom of the door.

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

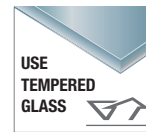
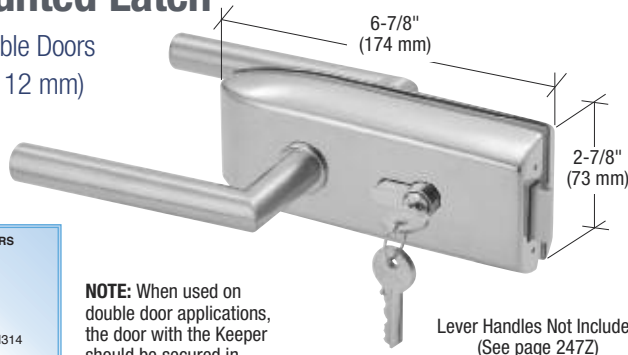
Minimum order: 1 each. All Lever Lock Keepers can be combined for quantity pricing.

CRL Glass Mounted Latch

- Works on Single or Double Doors
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Field Reversible
- Quiet Closing



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.



Glass Fabrication Required:

Two 1-3/4" (45 mm) Holes.

Template available at crlaurence.com.

Includes:

EC3 and EC4 Series Cylinder/Thumbturn with 3 keys each.

CAT. NO. PTH300L

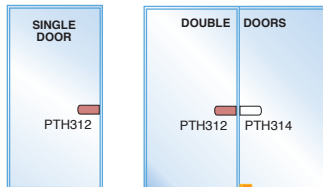
Replacement Latch Mechanism (Sold Separately)

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.

CRL Glass Mounted Passage Latch

- Works on Single or Double Doors
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Quiet Closing



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.



Glass Fabrication Required:

Two 1-3/4" (45 mm) Holes.

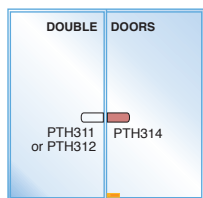
Template available at crlaurence.com.

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.



Glass Fabrication Required:

Two 1-3/4" (45 mm) Holes.

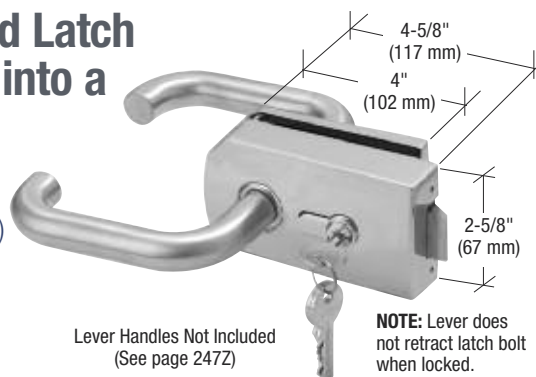
Template available at crlaurence.com.

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 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) Tempered Glass
- Quiet Closing



Glass Fabrication Required:

Two 1-3/4" (45 mm) Holes.

Template available at crlaurence.com.

Includes:

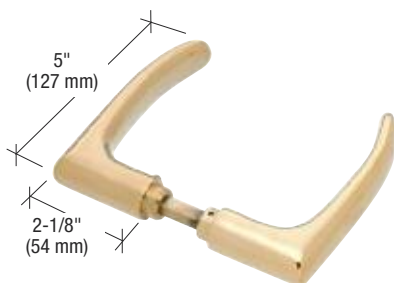
EC3 and EC4 Series Cylinder/Thumbturn with 3 keys each.

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 Sculptured Style Lever Handles

- Available in Three Finishes



For Use With:
PTH310, PTH311, and PTH312 Glass Mounted Latch Mechanisms

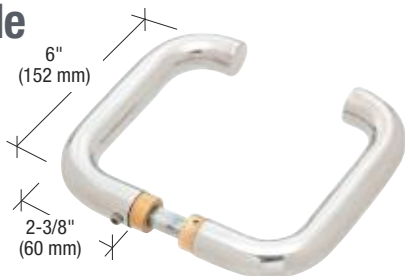
Includes:
Hex Wrench

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:
PTH310, PTH311, and PTH312 Glass Mounted Latch Mechanisms

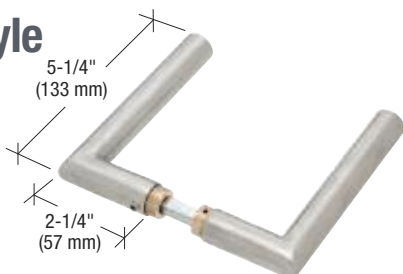
Includes:
Hex Wrench

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:
PTH310, PTH311, and PTH312 Glass Mounted Latch Mechanisms

Includes:
Hex Wrench

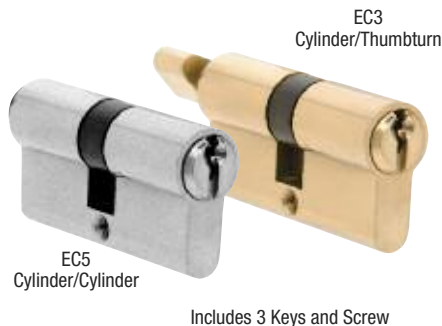
CAT. NO.	FINISH
PTH306BR	Polished Brass
PTH306BS	Brushed Stainless
PTH306PS	Polished Stainless

Minimum order: 1 set. All Patch Handles can be combined for quantity pricing.

CRL Extended Length Keyed Cylinders

- Works on PTH310, PTH311 Series Lever Latch Installations and Euro Style Patch Locks EUR205, CPL205, EUR680, and EUR681
- Available in Cylinder/Thumbturn and Cylinder/Cylinder

These Extended Length Cylinders work on a PTH310 or PTH311 Series Lever Latch installation in conjunction with a PTH314 Glass Mounted Latch Keeper on an inswing door. Available keyed randomly or alike.



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 PTH310 and PTH311 Series Lever Latch Installations
- Available in Four Finishes

This Standard Length Key Cylinder/Thumbturn works with all PTH310 and 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.



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" Tempered 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, keyed randomly. Pre-numbered replacement keys sold separately.



- No Glass Fabrication Required

DELUXE SLIP-ON PLUNGER LOCK

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" or 1/2" (10 or 12 mm) Glass

For Use With:

Supplied Keeper Plate

Glass Fabrication

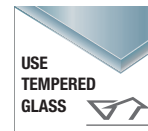
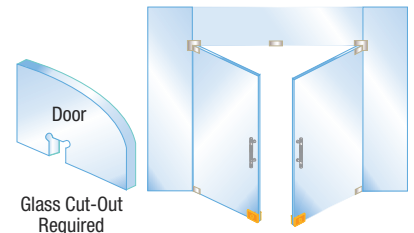
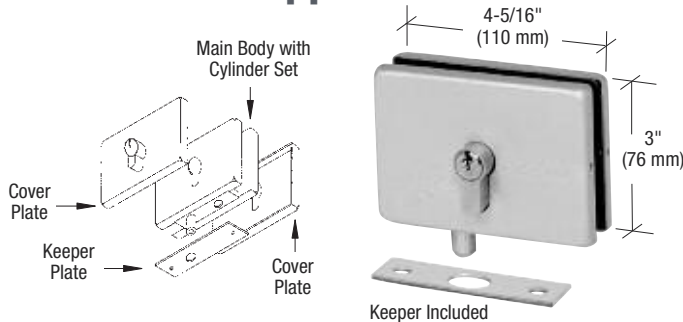
Required:

One Cut-Out;

Template available

at crlaurence.com.

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" or 1/2" (10 or 12 mm) Glass

For Use With:

EUR682 Center Housed Keeper (Order Separately)

Glass Fabrication Required:

One Cut-Out; Template available at crlaurence.com.

Glass Mounted

Keeper Includes:

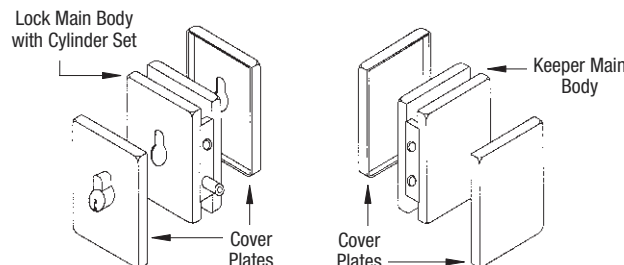
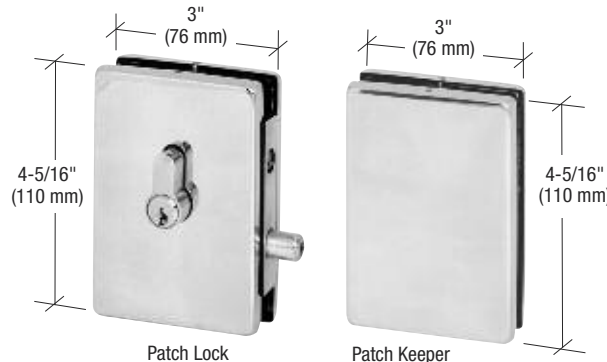
Aluminum Machined Body with Keeper Hole; Cover Plates (Choice of Four Finishes); Gaskets for 3/8" or 1/2" (10 or 12 mm) Glass Template available at crlaurence.com.

For Use With:

EUR681 European Center Housed Patch Lock (Order Separately)

Glass Fabrication Required:

One Cut-Out; Template available at 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.

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.

CRL Deluxe Slip-On Patch Lock for 3/8" or 1/2" Tempered Glass

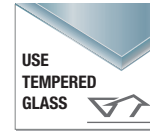
- No Glass Fabrication Required

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.

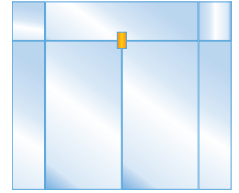
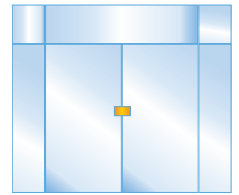
For Use With: 3/8" or 1/2" (10 or 12 mm) Glass Doors
Recommended Gap Between Panels: 3/16" (5 mm)



Measures:
4-3/4" (120 mm) Wide x
2-3/4" (70 mm) High



Typical
Lock
Positions



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 Slip-On 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" Tempered Glass

- No Glass Fabrication Required

Includes:

Lock Housing (Brass or Chrome Finish);
Three Keys; Gaskets and Instructions

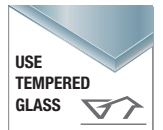
For Use With: 3/8" or 1/2" (10 or 12 mm) Glass Doors
Recommended Gap Between Panels: 3/16" (5 mm)

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.

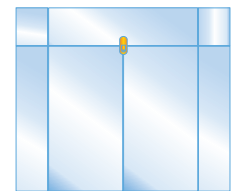
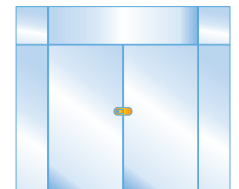
Remove it in the morning, put it back on in moments at night for absolute safety.



Measures:
5-1/2" (139 mm) Wide x
3-1/4" (82 mm) High



Typical
Lock
Positions



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 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.

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.

go to crlaurence.com to search for

patch-hardware

Search

or enter the Catalog Number for complete product information

249Z

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

CRL
ALUMINUM

CRL Mall Front Clamps

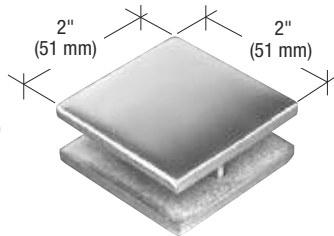
- A Choice of High Tech, Contemporary Designs for Use With 3/8" to 3/4" (10 to 19 mm) Tempered Glass
- Commonly Used in Malls for Joining Vertical Joints of Glass Wall Panels
- Reduces Panel Deflection
- Custom Finishes Available

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. Most models of 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:** Only two models will accommodate up to 3/4" (19 mm) thick tempered glass.



CRL 180 Degree Square Clamps

- For 3/8" to 3/4" (10 to 19 mm) Tempered Glass
- 304 Grade Stainless or C260 Brass



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.

Attaches with two flat head Phillips screws (included). Suggested minimum gap between panels is 7/32" (6 mm).

CRL 180 Degree Round Clamps

- For 3/8" to 3/4" (10 to 19 mm) Tempered Glass
- 304 Grade Stainless



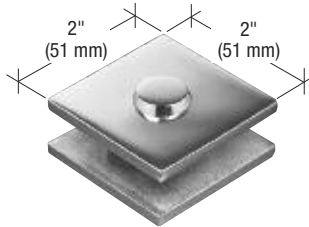
CAT. NO.	FINISH
MFC30	Polished Stainless
MFC31	Brushed Stainless

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

Attaches with two flat head Phillips screws (included). Suggested minimum gap between panels is 7/32" (6 mm).

CRL 180 Degree Square Clamps

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- 304 Grade Stainless or C260 Brass



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.

Attaches with a single beveled nut (included). Cap is tightened by putting a 1/16" drill bit in the round hole on the beveled edge and turning clockwise. Suggested minimum gap between panels is 7/32" (6 mm).

CRL 180 Degree Round Clamps

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- 304 Grade Stainless or C260 Brass



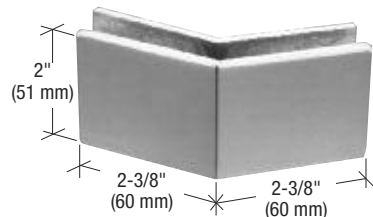
CAT. NO.	FINISH
MFC14	Polished Stainless
MFC15	Brushed Stainless
MFC16	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

Attaches with a single beveled nut (included). Cap is tightened by putting a 1/16" drill bit in the round hole on the beveled edge and turning clockwise. Suggested minimum gap between panels is 7/32" (6 mm).

CRL 135 Degree Square Clamps

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- 304 Grade Stainless or C260 Brass



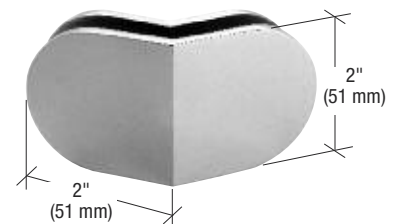
CAT. NO.	FINISH
MFC26	Polished Stainless
MFC27	Brushed Stainless
MFC28	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

Installs using our Cat. No. AT04012 Clear Very Hi-Bond Tape (see page 174Z), and Cat. No. RTV408C Neutral Cure Clear Silicone.

CRL 135 Degree Round Clamps

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- 304 Grade Stainless



CAT. NO.	FINISH
MFC38	Polished Stainless
MFC39	Brushed Stainless

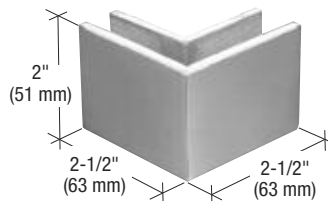
Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

Installs using our Cat. No. AT04012 Clear Very Hi-Bond Tape (see page 174Z), and Cat. No. RTV408C Neutral Cure Clear Silicone.

CRL 90 Degree Square Clamps

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- 304 Grade Stainless or C260 Brass

Installs using our Cat. No. AT04012 Clear Very Hi-Bond Tape (see page 174Z), and Cat. No. RTV408C Neutral Cure Clear Silicone.



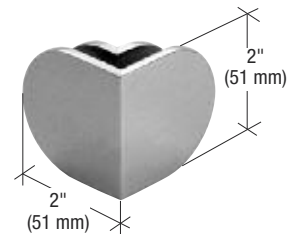
CAT. NO.	FINISH
MFC22	Polished Stainless
MFC23	Brushed Stainless
MFC24	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

CRL 90 Degree Round Clamps

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- 304 Grade Stainless

Installs using our Cat. No. AT04012 Clear Very Hi-Bond Tape (see page 174Z), and Cat. No. RTV408C Neutral Cure Clear Silicone.



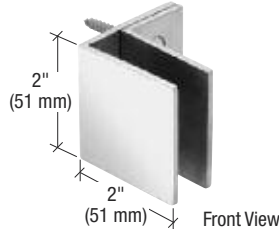
CAT. NO.	FINISH
MFC34	Polished Stainless
MFC35	Brushed Stainless

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

CRL Wall Mount Square Clamps

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- 304 Grade Stainless or C260 Brass

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.



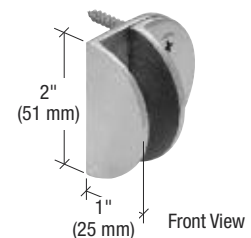
CAT. NO.	FINISH
MFCW10	Polished Stainless
MFCW11	Brushed Stainless
MFCW12	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

CRL Wall Mount Round Clamps

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- 304 Grade Stainless or C260 Brass

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.

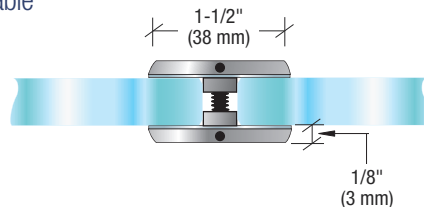


CAT. NO.	FINISH
MFCW14	Polished Stainless
MFCW15	Brushed Stainless
MFCW16	Polished Brass

Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

CRL Mini Mall Front Clamps

- Perfect for Joining Vertical Interior Panels of Heavy Glass in Malls
- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- Custom Finishes Available



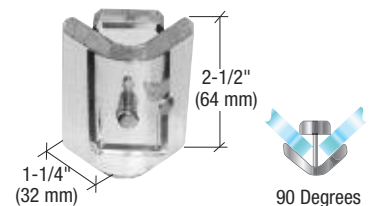
Used to join vertical glass panels, making it more difficult to pinch fingers between the panels. The round cap is tightened by simply putting a 3/32" drill in the round hole in the beveled edge and turning. 1-1/2" (38 mm) diameter Clamps are available with a solid brass construction in a choice of brushed 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).

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

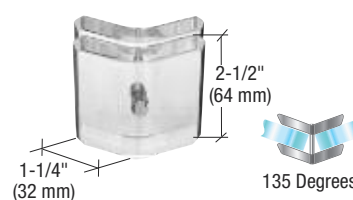
Minimum order: 1 each. All Mall Clamps can be combined for quantity pricing.

CRL Clear Acrylic Mall Glass Clamps

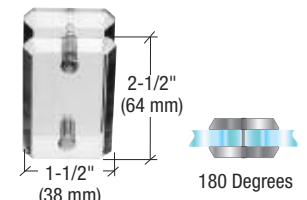
- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- Clear Acrylic Appearance Blends in With the Glass



CAT. NO. AMC90



CAT. NO. AMC135



CAT. NO. AMC180

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.

CRL Glass Bracing Clamps

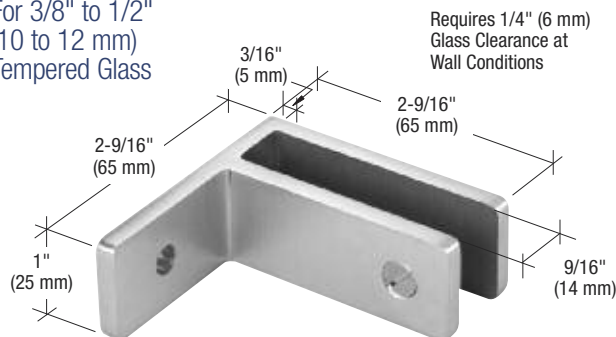
- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- Made of 316 Grade Stainless Steel
- Do Not Require Holes in the Glass
- Perfect for Bracing Glass Windscreens, Sound Walls, and Pool Fencing



CRL Glass Bracing Clamps are designed to provide extra stability and rigidity for glass panels. There is no need for holes in the glass, simply tighten the nylon tipped set screw and you are done. Compatible with both 3/8" and 1/2" (10 and 12 mm) glass, they are perfect for mall fronts, balustrades, pool fencing, partitions, shower screens, and anywhere you need support without holes in the glass. Made of 316 grade stainless steel, they feature both excellent strength and superior corrosion resistance. Available in brushed or polished stainless finishes.

CRL Wall Mount Glass Bracing Clamp

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass

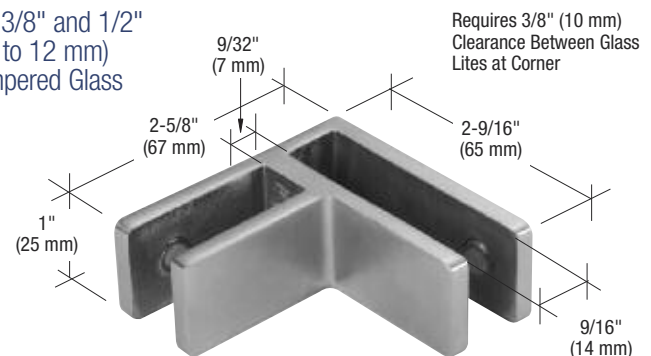


CAT. NO.	GRADE	FINISH
GBCWMBS	316	Brushed Stainless
GBCWMPS	316	Polished Stainless

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL 90 Degree Glass-to-Glass Bracing Clamp

- For 3/8" and 1/2" (10 to 12 mm) Tempered Glass

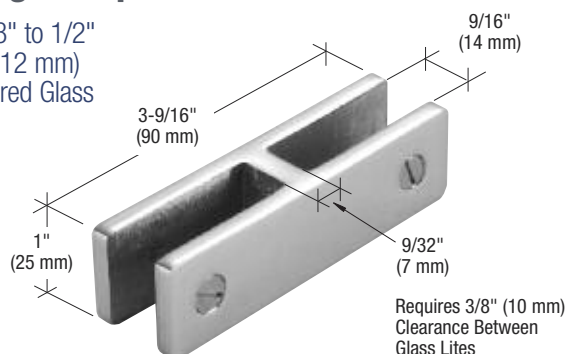


CAT. NO.	GRADE	FINISH
GBC90BS	316	Brushed Stainless
GBC90PS	316	Polished Stainless

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL 180 Degree Glass-to-Glass Bracing Clamp

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass

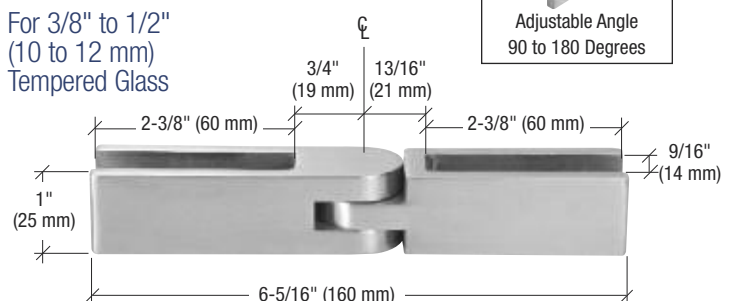


CAT. NO.	GRADE	FINISH
GBC180BS	316	Brushed Stainless
GBC180PS	316	Polished Stainless

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.

CRL Adjustable Angle Glass-to-Glass Bracing Clamp

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass



CAT. NO.	GRADE	FINISH
GBCADJBS	316	Brushed Stainless
GBCADJPS	316	Polished Stainless

Minimum order: 1 each. All Glass Clamps can be combined for quantity pricing.



2

Access Control Handles, Door Pulls, and Locks

PAGES
253Z - 300Z

Access Control Handles

Deadbolt Handles

Door Pulls **NEW!**

Door Stops and Strikes **NEW!**

Dummy Handles

Electric Strikes

Electromagnetic Locks

Electronic Egress Control Handles

Glass Safety Decals

Kick Plates

Locking Ladder Pulls **NEW!**

Panic Handles

Push and Pull Indicators

Sensors and Key Pads

Shear Locks



These products and more can be found in this catalog section. On the top and 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 **More Choices** in that category. To view **More Choices**, simply click on the red and white icon to be taken to a larger selection.

MORE CHOICES
crlaurence.com



SECTION 2 INTRODUCTION

CRL Blumcraft® Access Control Handles

PAGES 253Z-267Z

- Designer Series Panic Handles
- Panic Handles
- Deadbolt Handles
- Dummy Handles
- Panic Handles for Balanced Doors
- Electronic Egress Control Handles
- Door Stops and Strikes

CRL manufactures a complete line of Access Control Handles for 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.



CRL Electronic Locks and Accessories

PAGES 268Z-278Z

- Mortise Mounted Shear Locks
- CRL Electric Strikes
- Mounting Brackets and Key Pads
- Adams Rite® Electric Strikes
- Power Supplies
- Exit Motion Sensor



CRL carries a large selection of Electric Strikes, Magnetic Locks, and Accessories. Models designed for use with single and double 'all-glass' or metal framed doors. They provide superior security while at the same time meeting building fire life safety code requirements. Input voltage is typically 12 or 24V DC, and several architectural finishes are available.

CRL Door Pull Handles and Accessories

PAGES 279Z-300Z

- Straight Style Ladder Pulls
- "D" Shape Ladder Pulls
- "S" Style Ladder Pulls
- Locking Ladder Pulls
- Glass Mounted Ladder Style Pull Handles
- Back-to-Back Pull Handles
- Curved Style Pull Handles
- Crescent Style Pull Handles
- Frameless Sliding Glass Door Pull Handle
- Push and Pull Indicators
- Glass Safety Decals

CRL offers a complete selection of Back-to-Back and Single Sided Pull Handles in a variety of finishes and styles for sliding and swinging entrance doors. Handles are made from aluminum, stainless steel or brass with a wide range of fastening options. Custom Handles for hotels, casinos, storefronts, and more are available on special order to meet your exact requirements.



go to crlaurence.com to search for

commercial-hardware

Search

or enter the Catalog Number for complete product information

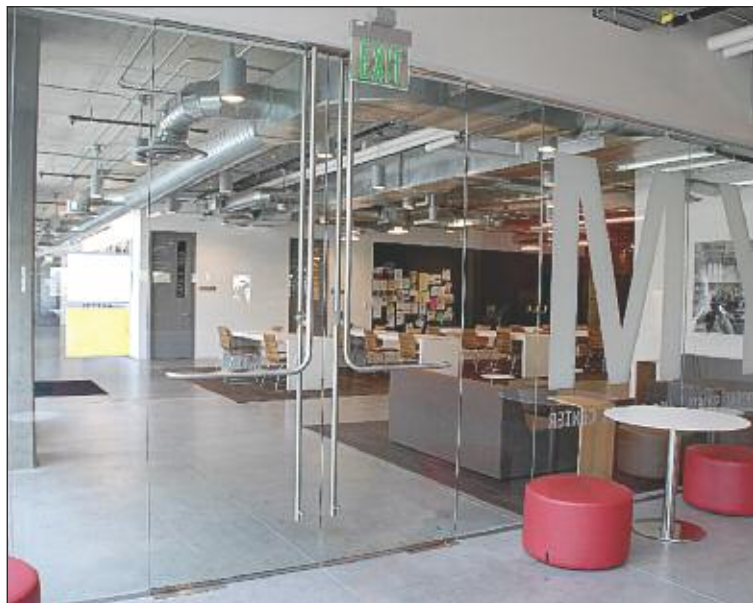
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL
US ALUMINUM



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.



go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

253Z

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

CRL
ALUMINUM

CRL Blumcraft® Access Control Handles

- Access Control Handles With a Large Selection of Exterior Fixed Handles for 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Available in 304 Grade Polished and Brushed Stainless, 385 Grade Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available on Special Order

ARCHITECTURAL
SPECIFICATIONS



USE
TEMPERED
GLASS



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

- Sharp Lines and Angles With a Smooth Rounded Gripping Surface
- Crisp Transitions at All Corners
- Available in 316 Grade Brushed or Polished Stainless Steel

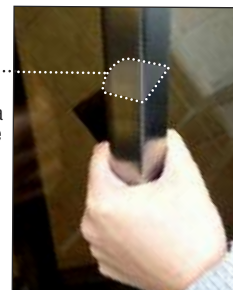


U.S. Patent No. D725,457



Our New Designer Series 'D' Shape Access Control Handles, featuring sharp lines and angles with a smooth rounded gripping surface, are 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, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

254Z

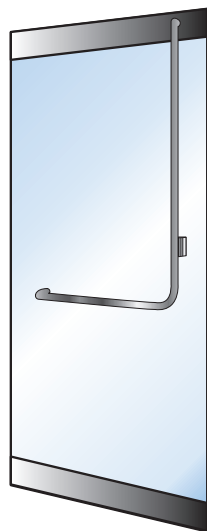
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL
US ALUMINUM

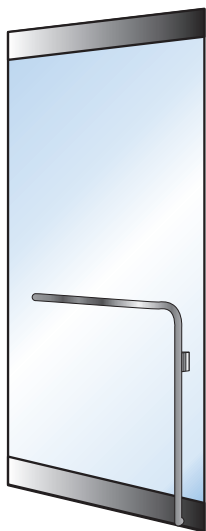
Standard Interior Configurations for CRL Blumcraft® Access Control Handles



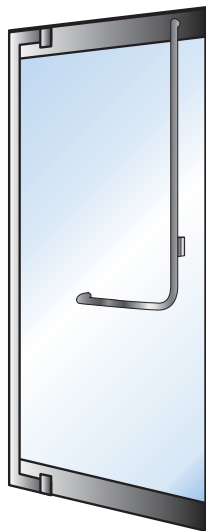
BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.



Top Latching Panic,
Deadbolt, and
Egress Handles



Bottom Latching Panic,
Deadbolt, and
Egress Handles



Now Available for Balanced
Doors,
(See Page 258Z)

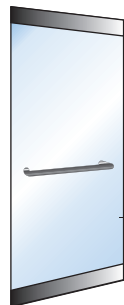


Exterior Handle Combinations for Doors With CRL Blumcraft® Access Control Handles

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. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

(★) Typically Used With 100 Series Handles

(▲) Typically Used With 110 Series Handles



Handle A (★, ▲)



Handle B (★)



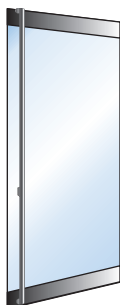
Handle C (▲)



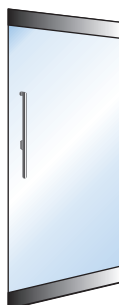
Handle D (★)



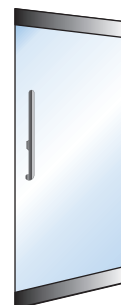
Handle E (▲)



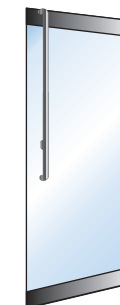
Handle F (★, ▲)



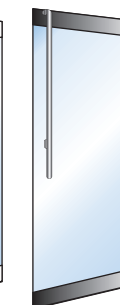
Handle G (★)



Handle H (★)



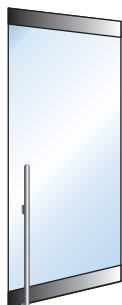
Handle J (★)



Handle J-S (★)



Handle K (▲)



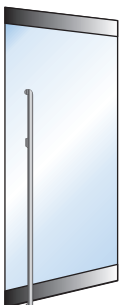
Handle K-S (▲)



Handle L (▲)



Handle L-S (▲)



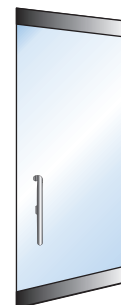
Handle M (★)



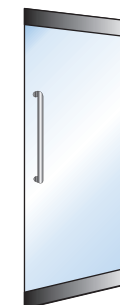
Handle M-S (★)



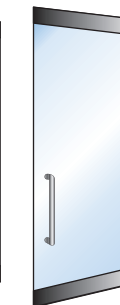
Handle N (▲)



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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

255Z

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



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
- PA100 Model Can Provide a Solution to Strict A.D.A. Codes

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.



- Available in 304 Grade Polished and Brushed Stainless, 385 Grade Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available on Special Order
- Custom Sizes Ship Within One to Two Weeks



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.

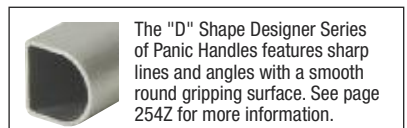
They operate just like the PA100 Series Panics, and have the same 'dogging' feature. Strikes are available for either threshold or no threshold applications providing secure, accurate latching every time.

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.

*ANSI/BHMA Certification does not apply to Oil Rubbed Bronze finish.



Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

256Z

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



CRL Blumcraft® PA100 Series Panic Handle Details

(Details similar for Designer Series Handles)

OUR MOST
POPULAR
PANIC HANDLE



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



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

(Details similar for Designer Series Handles)



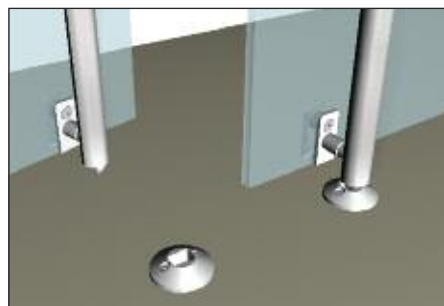
Glass Mount Detail at Latch



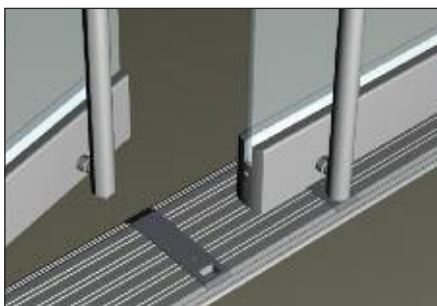
Rail Mount Detail at Latch



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, and ask for Ext. 7700.
You can also send e-mail to architectural@crlaurence.com.

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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

257Z

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



CRL Blumcraft® BP100 Series Panic Handles for Balanced Doors



ARCHITECTURAL
SPECIFICATIONS

- Specifically Designed for 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass Balanced Doors (See Pages 458Z-464Z)
- UL, ULC, and ANSI/BHMA Certified*
- Custom Finishes Available on Special Order
- Available in 304 Grade Polished and Brushed Stainless, 385 Grade Satin and Polished Brass, and Oil Rubbed Bronze
- 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 the CRL Blumcraft® commitment to meeting building code requirements, while at the same time delivering the beautiful hardware that our architectural customers demand. *ANSI/BHMA Certification does not apply to Oil Rubbed Bronze finish.



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



- Exterior Handle Combinations for Balanced Doors With CRL Blumcraft® Panic Handles



Handle A-BP



Handle D-BP



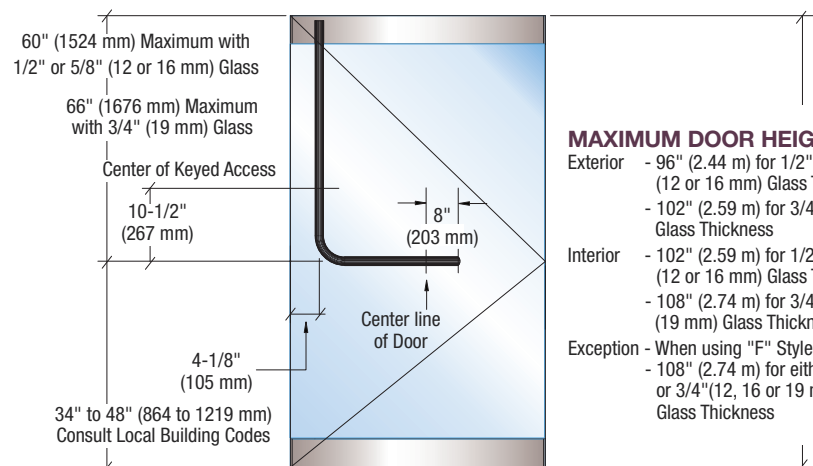
Handle B-BP

NOTE: Exterior Fixed Handles shown above can be used in combination with our BP100 Series Panic Handle. For additional Exterior Fixed Handle options, see page 255Z.



CRL Balanced Door Panic Handle Size Limitations

- Top Latching



Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.

You can also send e-mail to architectural@crlaurence.com.

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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

258Z

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.



go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

259Z

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

CRL
US ALUMINUM

CRL Blumcraft® DB100 and DB110 Series Deadbolt Handles



- Classified by UL to ANSI/BHMA A156.16-1997, Grade 1*
- 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 304 Grade Polished and Brushed Stainless, 385 Grade Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available on 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 Classified by UL to ANSI/BHMA A156.16-1997, Grade 1 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.

*ANSI/BHMA Certification does not apply to Oil Rubbed Bronze finish.



Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

260Z

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

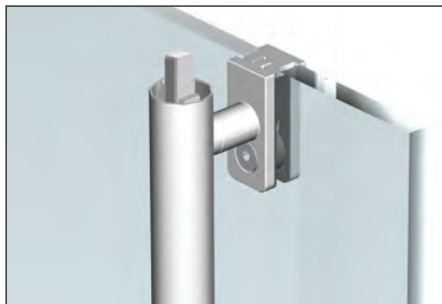


CRL Blumcraft® DB100 Series Deadbolt Handle Details

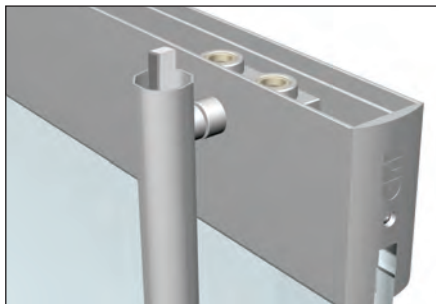
(Details similar for Designer Series Handles)



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



Glass Mount Detail at Bolt



Rail Mount Detail at Bolt



Keyed Access – Cylinder Out / Thumbturn In



Glass Mount Detail at Bolt With Header and DBSTOP for Bolt



Rail Mount Detail at Bolt With Header and PK Strike



Glass Mount Detail at Bolt With Header and ESK Strike
(Only for Optional Deadbolt Roller Catch)

CRL Blumcraft® DB110 Series Deadbolt Handle Details

(Details similar for Designer Series Handles)



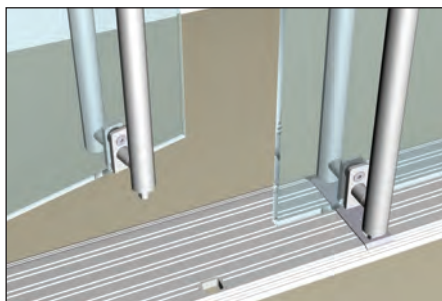
Glass Mount Detail at Bolt



Rail Mount Detail at Bolt



Keyed Access – Cylinder Out/Cylinder In



Glass Mount Detail at Bolt
With Threshold Prepped for Bolt



Rail Mount Detail at Bolt
With AMR209 Dustproof Keeper



Glass Mount Detail at Bolt
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, and ask for Ext. 7700.

You can also send e-mail to architectural@crlaurence.com.

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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

261Z

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



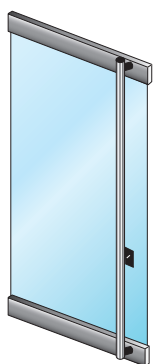
CRL Blumcraft® Deadbolt Handles

- For 1/2", 5/8" or 3/4" (12, 16 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Available in 304 Grade Polished and Brushed Stainless, 385 Grade Satin and Polished Brass, and Oil Rubbed Bronze
- Can Be Used as Replacement for Older Deadbolts
- Roll-Top Models Available for Use With Electric Strikes
- Custom Finishes Available on Special Order
- Custom Sizes Ship Within One to Two Weeks

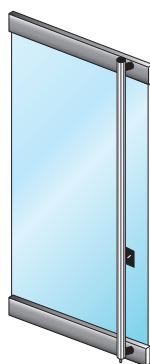


BLUMCRAFT®
A DIVISION OF C.R. LAURENCE CO., INC.

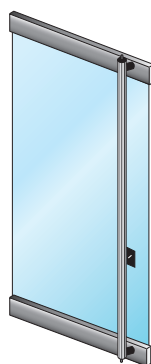
Interior Door Handle Configurations With Locking Mechanism on Interior Side of Doors



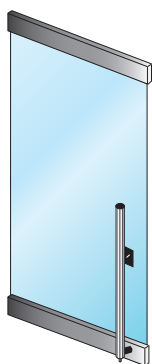
Dead Bolt DB130
Locks at Top Only;
Dummy DH130



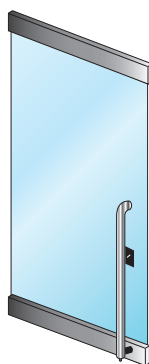
Dead Bolt DB131
Locks at Bottom Only



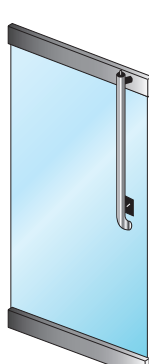
Dead Bolt DB132
Locks at Top and Bottom



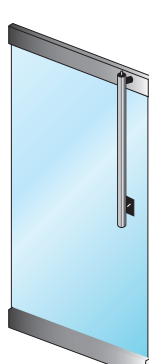
Dead Bolt DB140
Locks at Bottom;
Dummy DH140



Dead Bolt DB150
Locks at Bottom;
Dummy DH150



Dead Bolt DB160
Locks at Top;
Dummy DH160



Dead Bolt DB170
Locks at Top;
Dummy DH170



Optional - Rail Mount Top Roller Latch
for Use With Electric Strikes



The "D" Shape Designer Series of Deadbolt Handles features sharp lines and angles with a smooth round gripping surface. See page 254Z 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, and ask for Ext. 7700.

You can also send e-mail to architectural@crlaurence.com.

NOTE: All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Tempereders and Door Manufacturers. UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

262Z

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



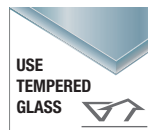
CRL Blumcraft® Access Control Handle Size Limitations



Increased Sizes Make Door Assemblies Heavier and More Flexible. Therefore, the Following Should be Considered:

- Windload, Stack Pressure, and Ventilation Loads
- Mounting Conditions of Doors to Building Structure
- Panic Devices, Deadbolt Locks, or Other Hardware
- Overhead or Floor Closer Characteristics
- Heavy Usage and Frequency of Operation
- Comfortable Feel and Ease of Door Operation

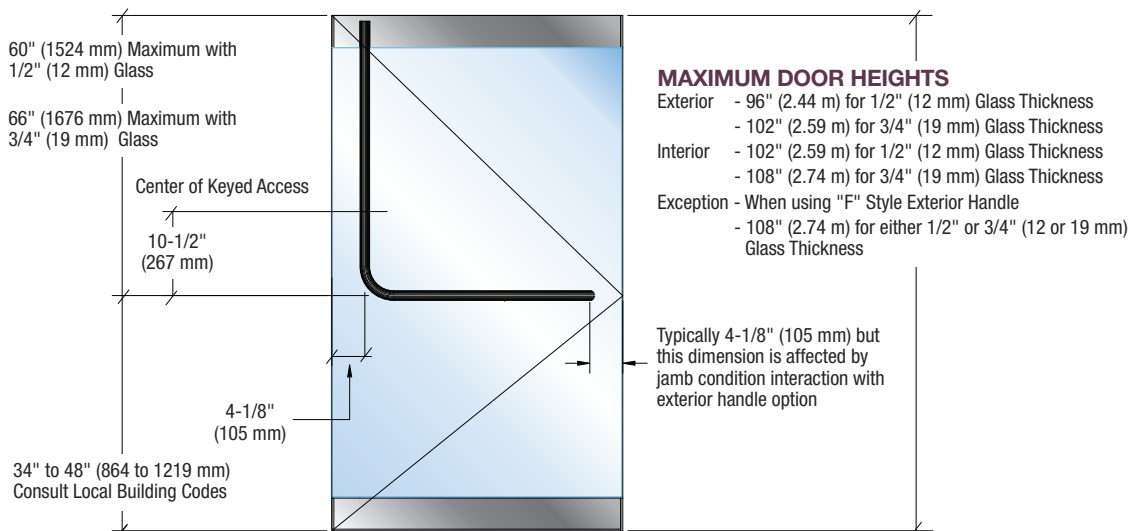
ARCHITECTURAL
SPECIFICATIONS



The Architect's Structural Engineer should be consulted so that the door design is correct for the intended use.

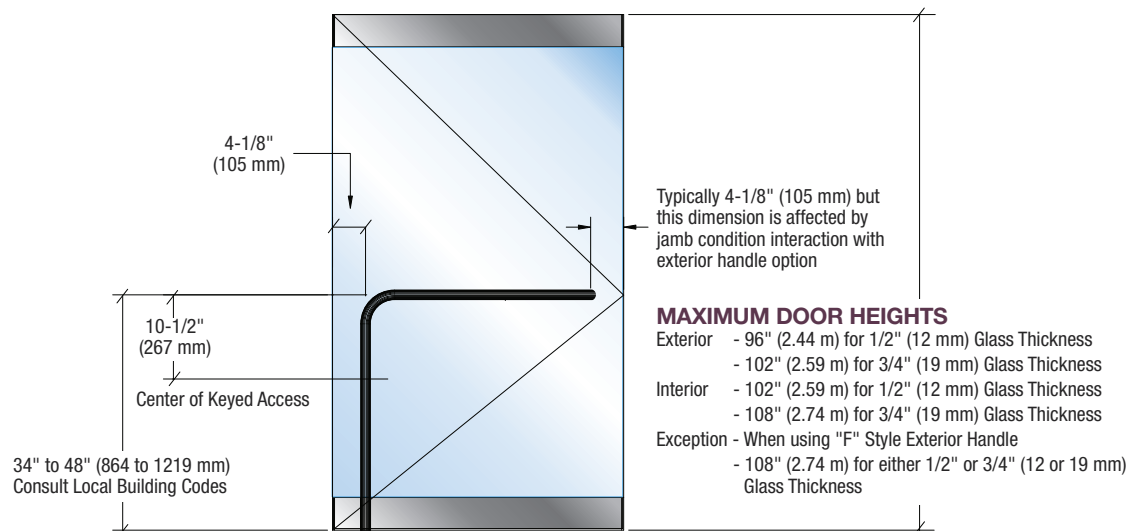
PA100, DB100, and EG100 Series Access Control Handles

- Top Locking



PA110, DB110, and EG110 Series Access Control Handles

- Bottom Locking



Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700.

You can also send e-mail to architectural@crlaurence.com.

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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

263Z

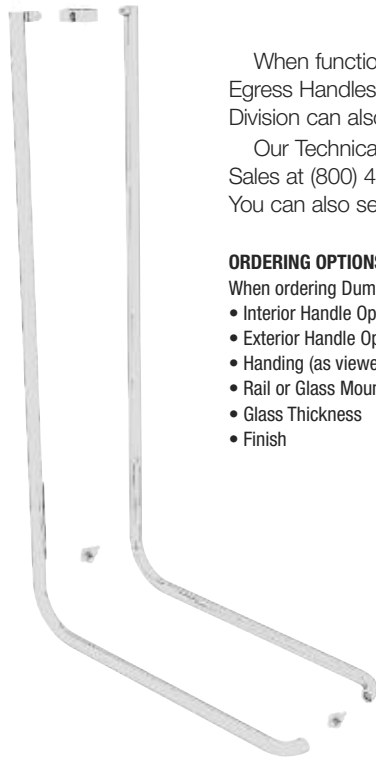
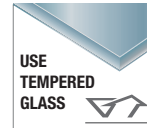
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada



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 304 Grade Polished and Brushed Stainless; 385 Grade Satin and Polished Brass, and Oil Rubbed Bronze
- Stock Finishes Available for Shipment Within Three to Five Business Days
- Custom Finishes Available on Special Order



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.

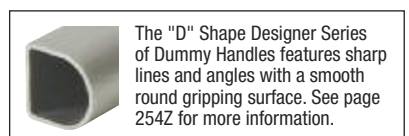
Our Technical Sales Professionals will discuss with you how best to fill your Access Handle needs. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

ORDERING OPTIONS

When ordering Dummy Handles you must specify:

- Interior Handle Option (See Page 255Z)
- Exterior Handle Option (See Page 255Z)
- 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.



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, and ask for Ext. 7700.

You can also send e-mail requests for quotes or product information to architectural@crlaurence.com.

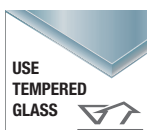


CRL Blumcraft® Aluminum Door Mount Access Control Handles



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

- Elegant 1-1/4" (32 mm) Round Tubular Design
- Custom Fabricated to Match All Panic, Deadbolt or Electronic Egress Control Handle and Exterior Handle Combinations
- For 1-3/4" or 2" (44 or 51 mm) Aluminum Rail and Stile Doors in Interior and Exterior Applications
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze for Shipment Within Five Business Days; Custom Orders Ship Within One to Two Weeks
- Requires a Minimum Door Stile Width of 3" (76 mm)



CRL Blumcraft® offers a complete line of Tubular Access Control Handles for your "fully framed" entrance door projects. We have Panic Handles, 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. Visit crlaurence.com/access-handles for more information.



Exterior Handle Combinations for Aluminum Doors With CRL Blumcraft® Panic Handles

(★) Typically Used With 100 Series Handles

(▲) Typically Used With 110 Series Handles



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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

265Z

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



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
- Wide Selection of Exterior Fixed Handles
- Available in 304 Grade Polished and Brushed Stainless, 385 Grade Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available on Special Order
- 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 a cost-effective 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).

The 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

ARCHITECTURAL
SPECIFICATIONS



The "D" Shape Designer Series of Egress Handles features sharp lines and angles with a smooth round gripping surface. See page 254Z 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, and ask for Ext. 7700.
You can also send an e-mail to architectural@crlaurence.com.

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.

go to crlaurence.com to search for

access-handles

Search

or enter the Catalog Number for complete product information

266Z

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



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



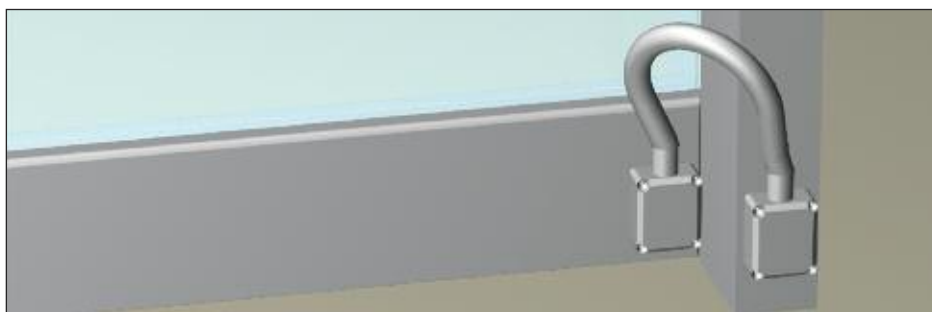
Rail Mount Detail at Top of EG100 With Header and Electromagnetic Shear Lock



Retainer Plate

CRL Blumcraft® EG110 Series Electronic Egress Control Handle Details

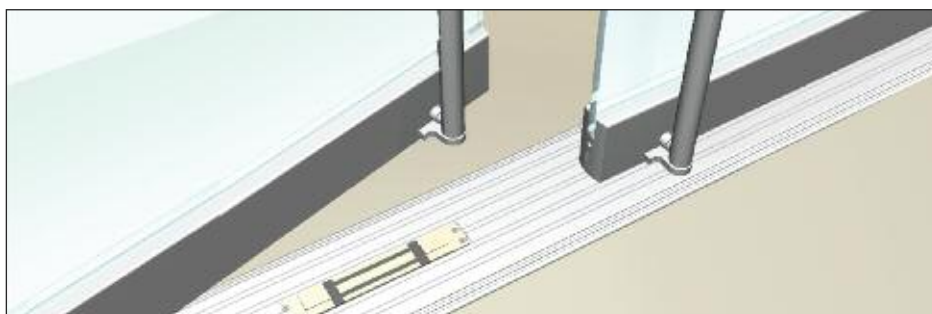
(Details similar for Designer Series Handles.)



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, and ask for Ext. 7700.
You can also send e-mail to architectural@crlaurence.com.

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

CRL Header Mount PK/PKP Series Stop/Strikes

- For Use With PA100 Series Panics and DBR100 Series Roller Top Deadbolts
- Available in Polished and Brushed Stainless, Blackened Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- PKP Series With Bolt Position Sensor

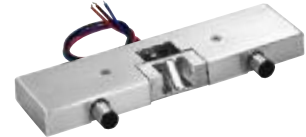


MODEL PK2
For Double Glass Doors
Without Door Position Sensor

MODEL PK1
For Single Glass Door
Without Door Position Sensor



MODEL PKP2
For Double Glass Doors
With Door Position Sensor



MODEL PKP1
For Single Glass Door
With Door Position Sensor

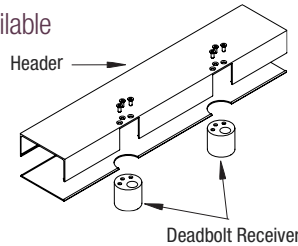
NEW!

These CRL PK/PKP 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. Our CRL PKP Series Stop/Strikes come with a Bolt Position Sensor. By incorporating a bolt position sensor within the strike housing, the Strike can electronically notify security and facility managers if doors on the premises are not properly closed and locked. Minimum order is one each.

CRL Deadbolt Receiver for Header

- Used With 4", 4-1/2", and 6" (102, 114 and 152 mm) Headers for Receiving DB100 Series Deadbolt Latches
- Available in Brushed Stainless and Polished Stainless Steel Finishes
- Custom Finishes Available

This CRL Deadbolt Receiver is intended to be mounted into a 4", 4-1/2" or 6" (102, 114, or 152 mm) Header to accept an 11/16" (17 mm) diameter latch bolt. Available in brushed or polished stainless steel finish.



Deadbolt Receiver



Deadbolt Receiver
Side Shown

NEW!



CAT. NO.	FINISH
DBST0PBS	Brushed Stainless
DBST0PPS	Polished Stainless

Minimum order: 1 each.

CRL Floor Mount Ramp Strike

- For Use With PA110 Series Panics
- Available in Brushed Stainless Finish



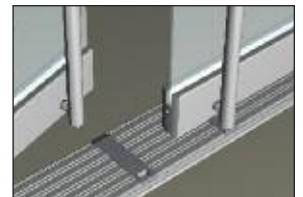
The Floor Mount Ramp Strike is used with our PA110 Series Panics when there is no threshold under the door. It mounts directly on top of the finished floor. Minimum order is one each.

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. Requires some field fabrication by the installer to fit specific application requirements. 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.

go to crlaurence.com to search for

locks-electronic

Search

or enter the Catalog Number for complete product information

268Z

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



CRL Door Stops and Strikes

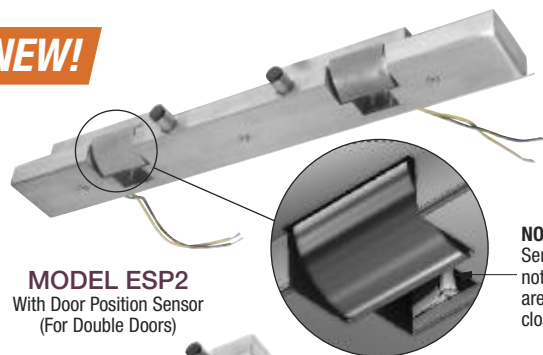
CRL Header Mount ESP Series Stop/Strikes With Bolt Position Sensor

NEW!

- For Use With PA100 Series Panics and DBR100 Series Deadbolts
- Monitors When Doors are Both Latched and Locked

Our CRL ESP Series Stop/Strikes come with a Folger Adam® 310 1-3/4" (45 mm) Fail Secure Electric Strike with Bolt Position Sensor. By incorporating a bolt position sensor within the strike housing, CRL's Electric Strike can electronically notify security and facility managers if doors on the premises are not properly closed and locked. 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.

The new Electric Strike with Bolt Sensor is compatible with most building security and fire safety systems. It permits use of card readers, RFID badges, and remote door monitoring and control. With this new product, CRL aims to give customers greater control over facility safety and security, while strengthening its ability to provide single-source, entrance system solutions. Minimum order is one each.



MODEL ESP2
With Door Position Sensor
(For Double Doors)



MODEL ESP1
With Door Position Sensor
(For Single Door)



NOTE: Bolt Position Sensor electronically notifies when doors are not properly closed and locked.

CAT. NO. SP2005M3

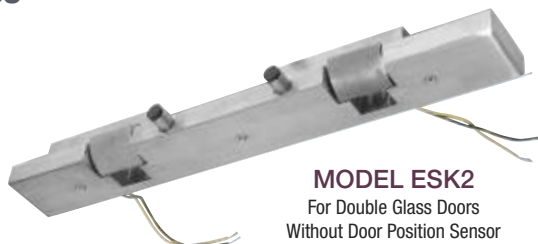
NOTE: Strikes require the use of a filtered and regulated power supply. If the power supply being used is not filtered and regulated, the addition of Cat. No. SP2005M3 Smart-Pac In-Line Power Controller is required.

CRL Header Mount ESK Series Stop/Strikes

- For Use With PA100 Series Panics and DBR100 Series Deadbolts
- Models for Use With 'All-Glass' or Aluminum Doors
- Available in Several Architectural Finishes



MODEL ESK1
For Single Glass Door
Without Door Position Sensor



MODEL ESK2
For Double Glass Doors
Without Door Position Sensor

MODEL ESK1SD
For Single Aluminum Door
Without Door Position Sensor

MODEL ESK2SD
For Double Aluminum Doors
Without Door Position Sensor

Our CRL ESK Series Stop/Strikes come with a Folger Adam® 310 1-3/4" (45 mm) Fail Secure 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.



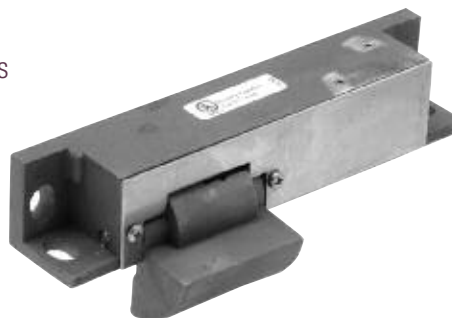
CAT. NO. SP2005M3

NOTE: Strikes require the use of a filtered and regulated power supply. If the power supply being used is not filtered and regulated, the addition of Cat. No. SP2005M3 Smart-Pac In-Line Power Controller is required.

Folger Adam® Electric Strikes

- For Use With PA100 Series Panics and DBR100 Series Deadbolts
- 24V DC Fail Secure and Fail Safe Models Available
- Used in Conjunction With ESK/ESP Series Stop/Strikes

These Folger Adam® 310 1-3/4" (45 mm) Electric Strikes are 24V DC. They are offered in a Fail Secure Strike that unlocks only when energized, and a Fail Safe Strike that requires continuous power to stay locked. They are used in conjunction with ESK/ESP Series Stop/Strikes. These Strikes have a 3/4" (19 mm) straight latch bolt keeper. Faceplates are not supplied. Minimum order is one each.



CAT. NO. ES3101
Fail Secure

CAT. NO. ES3101FS
Fail Safe

CAT. NO. SP2005M3

NOTE: Strikes require the use of a filtered and regulated power supply. If the power supply being used is not filtered and regulated, the addition of Cat. No. SP2005M3 Smart-Pac In-Line Power Controller is required.

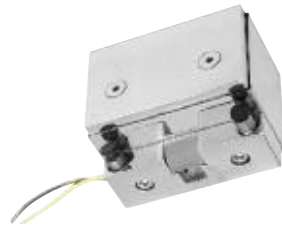
Folger Adam is a registered trademark of Southern Folger Detention Equipment Company.

CRL Door Stops and Strikes

CRL Glass Transom Mount ESK Series Stop/Strikes

- For Use With PA100 Series Panics and DBR100 Series Deadbolts
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Available in Several Architectural Finishes

Our CRL ESK Series Stop/Strikes come with a Folger Adam® 310 1-3/4" (45 mm) Fail Secure Electric Strike. The included Adapter allows glass transom mounting. 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.

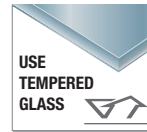


MODEL ESK1GT
For Single Doors



MODEL ESK2GT
For Double Doors

NEW!



CRL Glass Transom Mount PK Series Stop/Strikes

- For Use With PA100 Series Panics and DB100 Series Deadbolts
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Available in Several Architectural Finishes

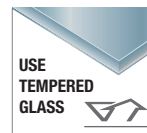
CRL PK Series Stop/Strikes for Glass Transoms provide a positive stop for the door, a strike or keeper for the Panic or Deadbolt, and attach to 'all-glass' transom panels. The included Adapter allows glass transom mounting. They can be ordered for use on either single or double doors, and are available in several finishes. Minimum order is one each.



MODEL PK1GT



MODEL PK2GT

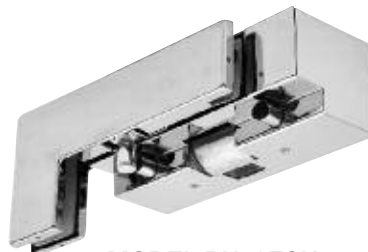


CRL Sidelite Mount Transom Patch Fittings With PK/ESK Series Stop/Strikes

- For Use With PA100 Series Panics and DB100 Series Deadbolts
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Left and Right Handed



MODEL PH40PK
Series Patch Fitting
With Stop/Strike
(LHR Shown)



MODEL PH40ESK
Series Patch Fitting
With Electric Strike
(LHR Shown)



CAT. NO. SP2005M3
NOTE: Strikes require the use of a filtered and regulated power supply. If the power supply being used is not filtered and regulated, the addition of Cat. No. SP2005M3 Smart-Pac In-Line Power Controller is required.

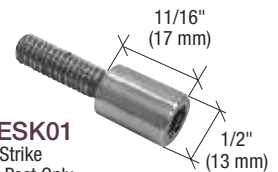
These PH40 Patch Fittings With PK Series Stop/Strikes are used to provide a positive stop for the door and a strike or keeper for the Panic or Deadbolt. They are for use on single doors, and are available in several architectural finishes.

Our PH40 Patch Fitting With ESK Series Stop/Strikes come with a Folger Adam® 310 1-3/4" (45 mm) Fail Secure Electric Strike. They provide a positive stop for the door, and a strike or keeper for the Panic or Deadbolt. Stop/Strikes are for use on doors. Minimum order one each.

Folger Adam is a registered trademark of Southern Folger Detention Equipment Company.

Replacement Parts for PK/ESK Series Stops/Strikes

- Common Parts Available for Timely Replacement Purposes



CAT. NO. ESK01
Short Stop/Strike
Keeper Bumper Post Only
Minimum order: 1 each.



CAT. NO. ESK02
Long Stop/Strike
Keeper Bumper Post Only
Minimum order: 1 each.



CAT. NO. BMPRBR
Black Rubber Bumper Only
for ESK/PK Strikes
Minimum order: 1 each.

SDC® Hi/Shear® Electromagnetic Mortise Mounted Shear Locks

- 2000 Pounds Shear Holding Force
- Fully Automatic 12/24V DC Selection
- Lock and Armature are Mortised
- Manufacturer's Limited Lifetime Warranty
- Available With or Without Door Position Sensor

Specifications:

Holding Force: 2000 lbs. (907 kg)
Input Voltage: 12/24 Volts
 DC - Automatic Selection
12 Volts Current Draw: 650mA
24 Volts Current Draw: 350mA



CSFM
MEA



CAT. NO. SDC1562
Without Door Position Sensor

CAT. NO. SDC15621TCM
With Door Position Sensor

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.

Securitron® Shear Aligning Magnalock® Mortise Mounted Shear Lock

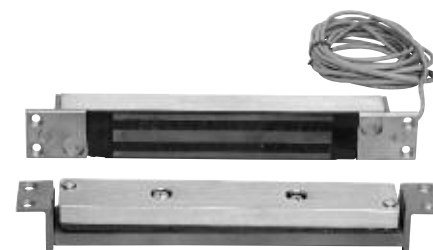
- Fully Automatic 12/24V DC Selection
- 1200 Pounds Shear Holding Force
- MagnaCare Lifetime Replacement Warranty

Specifications:

Holding Force: 1200 lbs. (544 kg)
Input Voltage: 12/24 Volts
 DC - Automatic Selection
12 Volts Current Draw: 350mA
24 Volts Current Draw: 175mA



CSFM
MEA



CAT. NO. SAM1224

This Securitron® 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.

Schlage® GF3000 Series Mortise Mounted Shear Locks

- Fully Automatic 12/24V DC Selection
- 3000 Pounds Shear Holding Force
- Manufacturer's Limited Lifetime Warranty
- Available With or Without Door Position Sensor

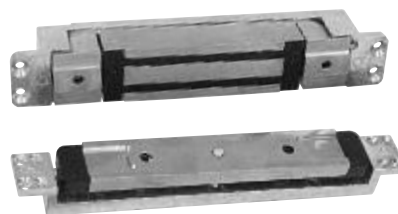


CSFM
MEA



Specifications:

Holding Force: 3000 lbs (1361 kg)
Input Voltage: 12/24 Volts DC - Automatic
 Selection Requires a Filtered, Regulated
 Power Supply
12 Volts Current Draw: 900mA
24 Volts Current Draw: 450mA



CAT. NO. GF3000
Overhead Mount
Without Door Position Sensor

CAT. NO. GF3000DSMB
Overhead Mount
With Door Position Sensor



CAT. NO. GF3000BRD
Floor Mount
Without Door Position Sensor

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. Minimum order is one each.

SDC and Hi/Shear are registered trademarks of Security Door Controls.
 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
- For Interior Use
- Aluminum Housing With Brushed Aluminum Finish
- Limited Warranty
- UL Listed



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

Specifications:

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

Dimensions:

L = 10-7/16" (265 mm)

H = 2-15/16" (75 mm)

D = 1-5/8" (41 mm)



MLST1200U
Single Magnet

MLST1202U Double Magnet

Specifications:

Holding Force: 1200 lbs. (544 kg)

Dual Voltage: 12/24 Volts DC

12 Volt Current Draw: 1000mA

24 Volt Current Draw: 500mA

Standard Wiring

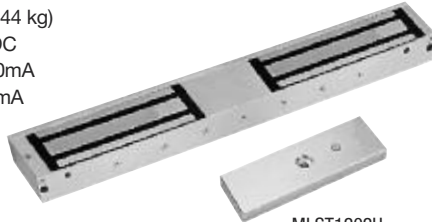
Unmonitored

Dimensions:

L = 21" (534 mm)

H = 2-15/16" (75 mm)

D = 1-5/8" (41 mm)



MLST1202U
Double Magnet

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 use 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

Specifications:

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

Dimensions:

L = 8" (203 mm)

H = 2-15/16" (75 mm)

D = 1-7/8" (48 mm)

SDC® Emlock® Narrow Profile Electromagnetic Locks



- Fully Automatic 12/24V DC Selection
- 1200 Pounds Holding Force
- Full Monitoring Standard
- ANSI/BHMA Grade 1 Compliant
- Constructed of Aluminum

The SDC® Narrow Line Emlock® Electromagnetic Locks provide 1200 pounds (544 kg) holding force per door leaf, and fail safe access control for perimeter and interior doors that meets building security and fire life safety code requirements. Projects only 2-11/16" (68 mm) into the opening, enabling it to blend in exceptionally well with virtually any narrow frame.



CSFM
MEA



SDC350A Single EMLock®

Specifications:

Holding Force: 1200 lbs. (544 kg)

Input Voltage: 12/24 Volts

DC - Automatic Selection

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 D = 1-11/16" (43 mm)

Weight: 9.5 lbs. (4.3 kg)



SDC350A Single Magnet

SDC352A Double EMLock®

Specifications:

Holding Force: 1200 lbs. (544 kg)

Input Voltage: 12/24 Volts

DC - Automatic Selection

12 Volt Current Draw: 1080mA

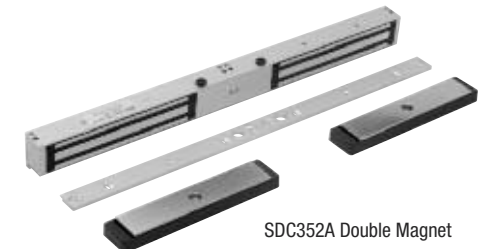
24 Volt Current Draw: 600mA

Dimensions:

L = 25" (635 mm) x H = 2-1/8"

(54 mm) x D = 1-11/16" (43 mm)

Weight: 22.5 lbs. (10.2 kg)



SDC352A Double Magnet

CAT. NO.	MODEL	FINISH
SDC350A	Single Magnet	Satin Anodized
SDC352A	Double Magnet	Satin Anodized

Minimum order: 1 each. All Electromagnetic Locks can be combined for quantity pricing.

go to crlaurence.com to search for

locks-electronic

Search

or enter the Catalog Number for complete product information

272Z

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



SDC® EMLock® 1500 Series Electromagnetic Locks

- ANSI/BHMA Grade 1 Compliant
- Fully Automatic 12/24V DC Selection
- 1650 Pounds Holding Force
- Field Upgradeable Without Removal From the Frame

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 (748 kg) 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.

- Anodized Aluminum or Dark Bronze Anodized Finish
- Manufacturer's Limited Lifetime Warranty
- UL Listed

Specifications:

Holding Force: 1650 lbs. (748 kg)

Input Voltage: 12/24 Volts

DC - Automatic Selection
(Requires Filtered Power Supply)

SDC1511 Single EMLock®

12 Volt Current Draw: 670mA

24 Volt Current Draw: 350mA

Dimensions:

L = 11" (279 mm) x H = 2-3/4"
(70 mm) D = 1-9/16" (40 mm)

Weight: 11 lbs. (5 kg)

SDC1512 Double EMLock®

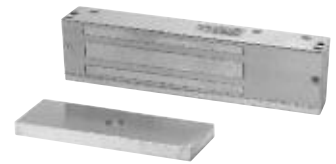
12 Volt Current Draw: 670mA

24 Volt Current Draw: 350mA

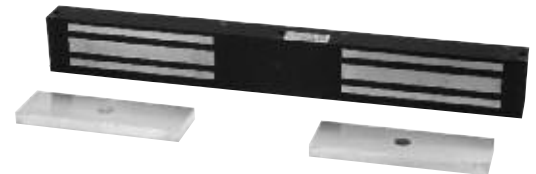
Dimensions:

L = 22" (559 mm) x H = 2-3/4"
(70 mm) x D = 1-9/16" (40 mm)

Weight: 26.5 lbs. (12 kg)



SDC1511A Single Magnet EMLock®



SDC1512DU Double Magnet EMLock®

SATIN ANODIZED 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

- Models for Single and Double Doors
- High Security 1500 Pounds Direct Holding Force
- Fully Automatic 12/24V DC Selection
- Constructed of Aluminum
- Manufacturer's 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 (680 kg) 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, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.

SDC and EMLock are registered trademarks of Security Door Controls. Schlage is a registered trademark of Allegion plc. UL is a registered trademark of UL LLC.

Specifications:

SCHM490

Holding Force: 1500 lbs. (680 kg)

Input Voltage: 12/24 Volts DC - Automatic Selection

12 Volt Current Draw: 670mA

24 Volt Current Draw: 350mA

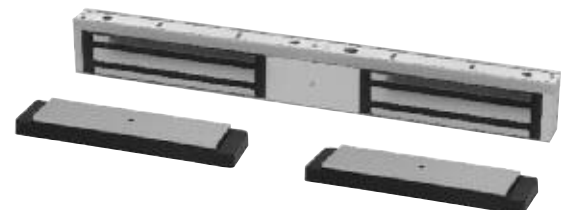
Dimensions:

L = 12-1/2" (318 mm) x H = 3"
(76 mm) x D = 1-3/4" (44 mm)

Weight: 14 lbs. (6.4 kg)



SCHM490 Single Magnet



SCHM492 Double Magnet

SCHM492

Holding Force: 1500 lbs. (680 kg)

Input Voltage: 12/24 Volts

DC - Automatic Selection

12 Volt Current Draw: 670mA

24 Volt Current Draw: 350mA

Dimensions:

L = 25-1/16" (637 mm) x H = 3"
(76 mm) x D = 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 276Z-278Z.

CAT. NO.	MODEL	FINISH
SCHM490	Single Magnet	Satin Anodized
SCHM492	Double Magnet	Satin Anodized

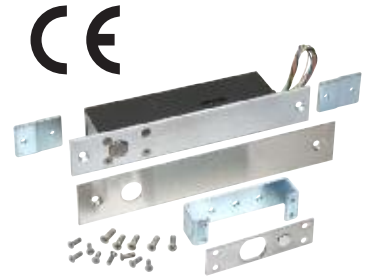
Minimum order: 1 each. All Electromagnetic Locks can be combined for quantity pricing.

CRL Electric Solenoid Bolt

- Dual Monitoring Lock
- 12 or 24 Volts DC
- Selectable Locking Time

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.

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 Solenoid Bolt Lock

- UL Listed for Life Safety
- Fail-Safe Lock Requires Power to Remain Locked
- Dual Monitoring Lock and Door Status
- Fully Automatic 12 or 24 Volts DC Selection
- Selectable Locking Time

This CRL Electric Solenoid Bolt Lock is "UL" listed for life safety and features an adjustable 0 to 5 second locking delay, dual lock and door monitoring capability, and fully automatic 12 or 24V DC input voltage selection. A brushed stainless cover plate is included.

Specifications:
Indoor Use Only
Input: 12 or 24 Volts DC - Automatic Selection
Solenoid: Continuous Duty
Current Draw: .9 A Start/.3 A Standby
Dimensions:
Cutout: 8" x 1-3/8" x 1-5/8"
(200 x 35 x 43 mm)
Face: 7-7/8" x 1-5/16" x 1/8"
(200 x 34 x 3 mm)
Cover Plate: 8-5/8" x 1.5" (219 x 38 mm)
Strike: 3-1/2" x 15/16" x 1-1/16"
(90 x 24 x 27 mm)



CAT. NO. MLEDB2

Warnings: The Supplied Strike Plate must be installed to activate the Lock Solenoid. This Lock will not throw the latch bolt unless it senses that the door is in the closed position.

CRL Electric Strike

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.

- 12V DC Fail-Secure
 - Finished Faceplate Included
 - Non-Handed
- 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



CAT. NO.	FACEPLATE FINISH
ST125A	Satin Anodized
ST125DU	Dark Bronze

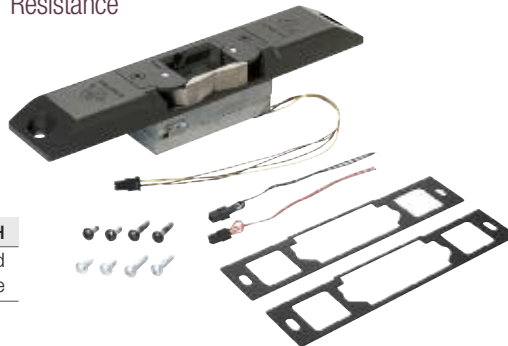
Minimum order: 1 each. Strikes can be combined for quantity pricing.

Adams Rite® 74R1 Electric Strikes

- 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

CAT. NO.	FINISH
AR74R1A	Satin Anodized
AR74R1DU	Dark Bronze

Minimum order: 1 each. Strikes can be combined for quantity pricing.



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.

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company. UL is a registered trademark of UL LLC.



Specifications:
Input: Field Select 12 Volts AC/DC or 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"
(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.

Adams Rite® 7100 Electric Strikes

- For Use With Deadlatch and Cylindrical Latches With 1/2" to 5/8" (13 to 16 mm) Projection
- Field Convertible From Fail-Secure to Fail-Safe
- 12V DC or 24V DC Models
- Non-Handed

These Adams Rite® 7100 Electric Strikes provide 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" to 5/8" (13 to 16 mm) projection without deadbolt latches. Standard Strikes are supplied in fail-secure mode, but are field convertible to fail-safe.

ELECTRIC STRIKES

12V DC CAT. NO.	24V DC CAT. NO.	FACEPLATE FINISH
7100310A	7100510A	Satin 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.

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.

Works with Lever Lock Glass Housings
(See pages 244Z-245Z)

7100 Electric Strikes have 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.



UL Listed for
Burglary Resistance

Adams Rite
ASSA ABLOY



Adams Rite® 7160 Electric Strikes

- 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

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.

ELECTRIC STRIKES

CAT. NO.	FACEPLATE FINISH
7160510A	Satin 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.

Adams Rite is a registered trademark of Adams Rite Manufacturing Co., an ASSA ABLOY Group Company.
UL is a registered trademark of UL LLC.

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.

Works with Lever Lock Glass Housings
(See pages 244Z-245Z)

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.



UL Listed for
Burglary Resistance

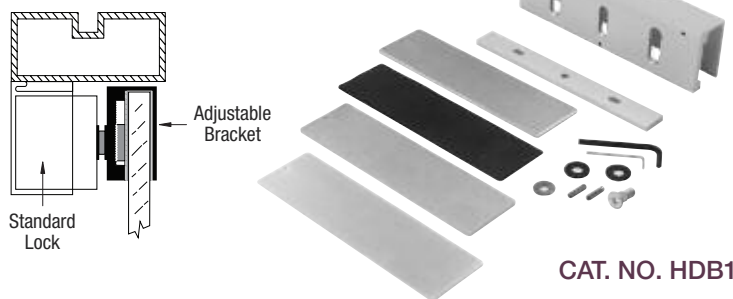
Adams Rite
ASSA ABLOY



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.



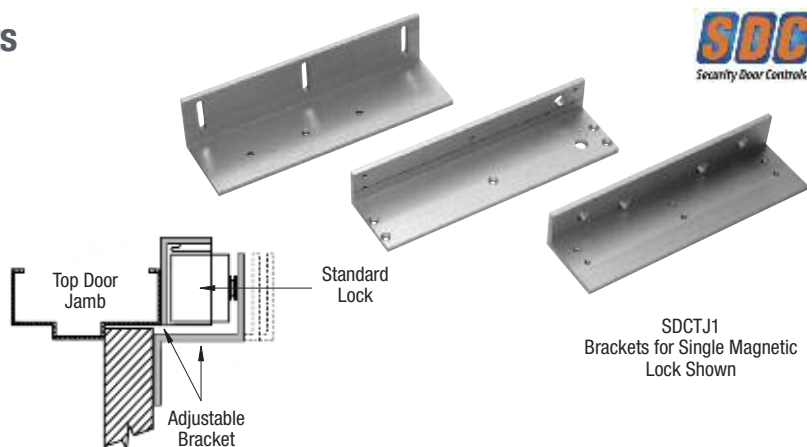
SDC® Magnetic Lock Mounting Brackets

- For Use With Single SDC1511 or SDC350A, and Double SDC1512 or SDC352A Magnetic Locks

These SDC® Top Jamb Mounting Brackets fit the SDC1511 and SDC350A Single or SDC1512 and SDC352A Double Magnetic Locks (see pages 272Z-273Z) when mounting to the pull side of hollow metal doors or wood openings.

CAT. NO.	USE WITH
SDCTJ1	SDC1511 Single Magnetic Lock
SDCTJ2	SDC1512 Double Magnetic Lock
SDCTJ350	SDC350A Single Magnetic Lock
SDCTJ352	SDC352A Double Magnetic Lock

Minimum order: 1 each.



CRL Magnetic Lock Mounting Brackets

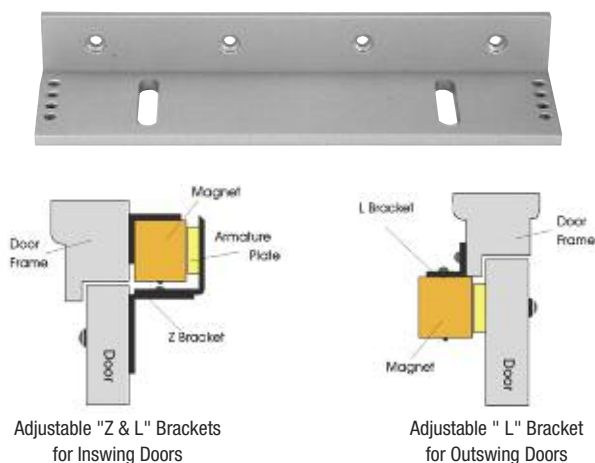
- For Use With MLST1200U and MLST1202U Magnetic Locks Only

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.

NOTE: If using MLST1202U Locks a quantity of two each MLBR26 or MLBR6 must be ordered.

CAT. NO.	CONTENTS
MLBR26	Two 7-1/4" (184 mm) Z-Brackets and One 10-1/2" (267 mm) L-Bracket
MLBR6	One 10-1/2" (267 mm) L-Bracket

Minimum order: 1 each. Brackets can be combined for quantity pricing.



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.



SDC and EMLock are registered trademarks of Security Door Controls.
Herculite is a registered trademark of PPG Industries, now Vitro

Securitron® Exit Motion Sensor

- 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)

Color: White

SECURITRON
ASSA ABLOY



CAT. NO. XMS1224

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, this is 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. 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

- 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
Relay 2 = SPDT 2A @ 30VDC
Dimensions: 3" x 5-3/4" x 1-7/16" (76 x 146 x 37 mm)

Temperature: -20°F to +130°F
-30°C to +54°C

Finish: Brushed Stainless

SDC
Security Door Controls



CAT. NO. SDC920

CRL Illuminated Exit Button

- 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

Finish: Brushed Stainless Faceplate



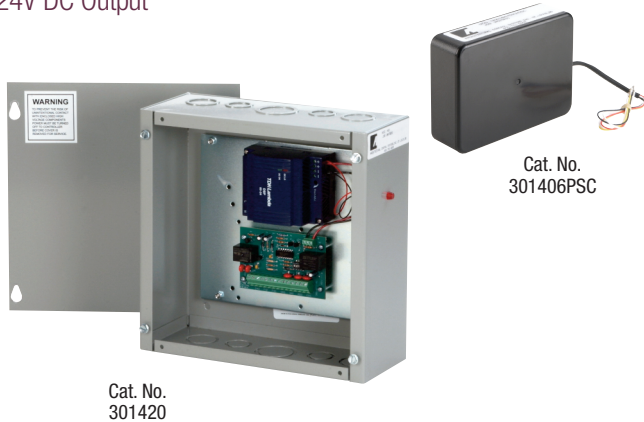
CAT. NO. MLEB4NS

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 Supply for Jackson® 20 Series Electrified Panic Exit Devices

- For Jackson® 2085E, 2086E, and 2095E Series Panic Exit Devices
- 24V DC Output



Cat. No.
301420

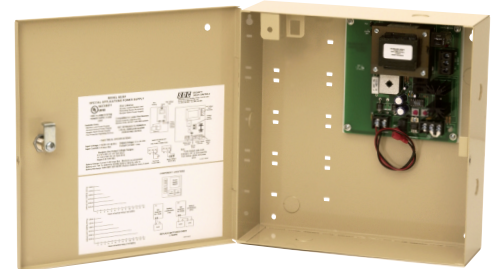
Cat. No.
301406PSC

CAT. NO.	DESCRIPTION
301420	For Panic Devices Manufactured After 8/15/2016
302616	For Panic Devices Manufactured Before 8/15/2016
301406PSC	For Use With 302616 for Filtering Voltage

Minimum order: 1 each.

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
PS602RFL	1 Amp	11-1/2" x 11-1/2" x 3-1/2" (292 x 292 x 89 mm)
PS632RFL	2 Amp	11-1/4" x 11-1/4" x 3-1/2" (286 x 286 x 89 mm)
PS634RFL	4 Amp	16" x 14" x 6-1/2" (406 x 356 x 165 mm)

Minimum order: 1 each.

CRL Power Transformers

- Available in 12 or 24 Volt DC Power Output

Specifications:

Input Voltage: 115V AC 60Hz

ST125TR Output Voltage:
12V DC 1.5 A

ST125TR24 Output Voltage:
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)



12 or 24 Volt DC Transformers for devices requiring steady, low voltage inputs.

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
- Brushed Stainless Finish



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.

CAT. NO.
MLDL101

Sentrol™ White Magnetic Contact

- 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.

go to crlaurence.com to search for

locks-electronic

Search

or enter the Catalog Number for complete product information

278Z

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

CRL
US ALUMINUM

CRL Door Pulls and Locking Ladder Pulls

- The Industry's Largest Selection for Glass, Aluminum, and Wood Framed Doors



CRL offers a complete selection of Back-to-Back and Single Sided Pulls in a variety of finishes and styles for sliding and swinging entrance doors. Pulls are made from aluminum, stainless steel or brass with a wide range of fastening options (see pages 286Z - 295Z). CRL Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that locks into the floor or ceiling. 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 (see pages 280Z - 285Z). Custom Pulls for hotels, casinos, storefronts, and more are available on special order to meet your exact requirements. See page 292Z for more information.



go to crlaurence.com to search for

pull-handles

Search

or enter the Catalog Number for complete product information

279Z

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

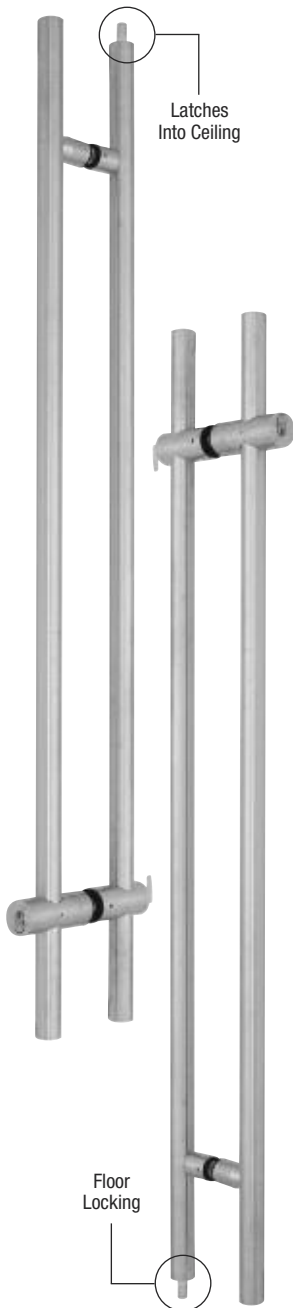
CRL
US ALUMINUM

CRL LOCKING LADDER PULLS

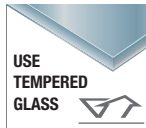
MORE CHOICES
crlaurence.com/ladder-pulls

CRL Locking Ladder Pulls

FINISH **NEW! MATTE BLACK**



- Locks Operate at a Comfortable 42" (1067 mm) Height Above the Floor
- Made of Durable 1-1/4" (32 mm) Diameter 316 Grade Stainless Steel Tubing
- Locks Into Floor or New A.D.A Compliant Model Latches Into Ceiling
- 1-1/4" (32 mm) Long Deadbolt Throw
- Will Accept Most Standard Manufactured Rim Type Cylinders
- Four Stock Sizes for 1/2" to 3/4" (12 to 19 mm) Tempered Glass
- Custom Sizes 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 or ceiling. 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. Locking Ladder Pulls will accept most standard manufactured Rim 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, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

go to crlaurence.com to search for

ladder-pulls

Search

or enter the Catalog Number for complete product information

280Z

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

CRL
 U.S. ALUMINUM

CRL Locking Ladder Pulls

- A.D.A. Compliant Top Latching Models Now Available*
- Four Sizes in Stock for 1/2" to 3/4" (12 to 19 mm) Tempered Glass
- Adaptor Kit Available for Use on 1-3/4" (45 mm) Thick Aluminum Framed Doors
- Made of Durable 1-1/4" (32 mm) Diameter 316 Grade Stainless Steel Tubing
- Polished or Brushed Stainless Steel, and Matte Black Finishes Available
- 1-1/4" (32 mm) Long Deadbolt Throw
- Will Accept Most Standard Manufactured Rim Type Cylinders
- Custom Sizes on Special Order

NEW!



LLPUA48BS
Straight Style
Upward Latch

Our LLPUA Series Upward Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that locks into the ceiling, not into the floor.

Our LLPA Series Locking Ladder Pulls locks into the floor only. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors.

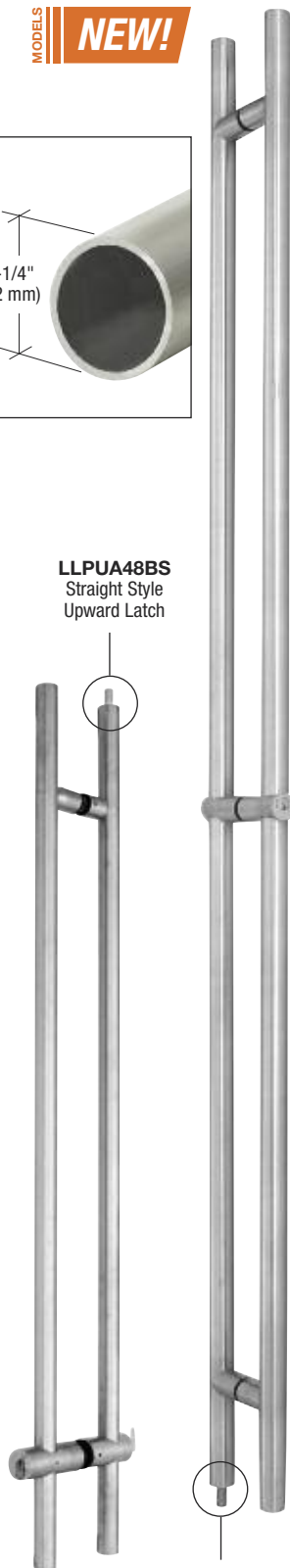
These Locking Ladder Pulls are intended for use with glass doors made from 1/2" to 3/4" (12 to 19 mm) thick tempered glass. When using on 1-3/4" (45 mm) thick aluminum frame doors order Cat. No. LLPA134ADT Adaptor Kit. Handles are available in brushed and polished stainless steel, or matte black.

NOTE: Glass fabrication is required. Please visit crlaurence.com/ladder-pulls for details.

*A.D.A. Compliant applies to the LLPUA48 models only on doors up to 90" (2286 mm) tall.



Easy to Operate
Thumbturn



LLPA84BS
Straight Style
Downward Latch



STRAIGHT STYLE LOCKING LADDER PULLS UPWARD LATCH

CAT. NO.	SIZE	FINISH
LLPUA48PS	48" (1219 mm) Overall Length	Polished Stainless
LLPUA48BS	48" (1219 mm) Overall Length	Brushed Stainless
LLPUA48MBL	48" (1219 mm) Overall Length	Matte Black
LLPUA60PS	60" (1524 mm) Overall Length	Polished Stainless
LLPUA60BS	60" (1524 mm) Overall Length	Brushed Stainless
LLPUA60MBL	60" (1524 mm) Overall Length	Matte Black
LLPUA72PS	72" (1829 mm) Overall Length	Polished Stainless
LLPUA72BS	72" (1829 mm) Overall Length	Brushed Stainless
LLPUA72MBL	72" (1829 mm) Overall Length	Matte Black
LLPUA84PS	84" (2134 mm) Overall Length	Polished Stainless
LLPUA84BS	84" (2134 mm) Overall Length	Brushed Stainless
LLPUA84MBL	84" (2134 mm) Overall Length	Matte Black

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

STRAIGHT STYLE LOCKING LADDER PULLS DOWNWARD LATCH

CAT. NO.	SIZE	FINISH
LLPA48PS	48" (1219 mm) Overall Length	Polished Stainless
LLPA48BS	48" (1219 mm) Overall Length	Brushed Stainless
LLPA48MBL	48" (1219 mm) Overall Length	Matte Black
LLPA60PS	60" (1524 mm) Overall Length	Polished Stainless
LLPA60BS	60" (1524 mm) Overall Length	Brushed Stainless
LLPA60MBL	60" (1524 mm) Overall Length	Matte Black
LLPA72PS	72" (1829 mm) Overall Length	Polished Stainless
LLPA72BS	72" (1829 mm) Overall Length	Brushed Stainless
LLPA72MBL	72" (1829 mm) Overall Length	Matte Black
LLPA84PS	84" (2134 mm) Overall Length	Polished Stainless
LLPA84BS	84" (2134 mm) Overall Length	Brushed Stainless
LLPA84MBL	84" (2134 mm) Overall Length	Matte Black

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

go to crlaurence.com to search for

ladder-pulls

Search

or enter the Catalog Number for complete product information

281Z

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

CRL
ALUMINUM

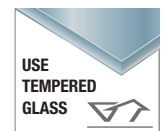
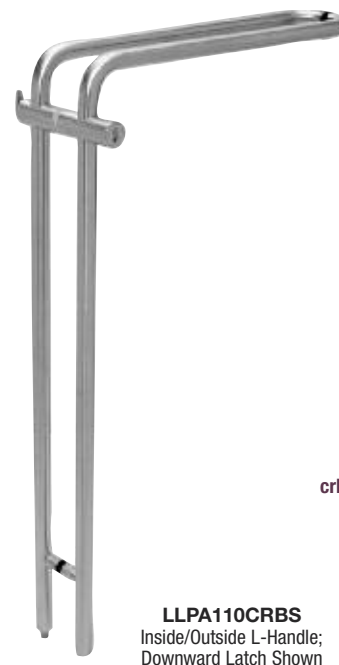
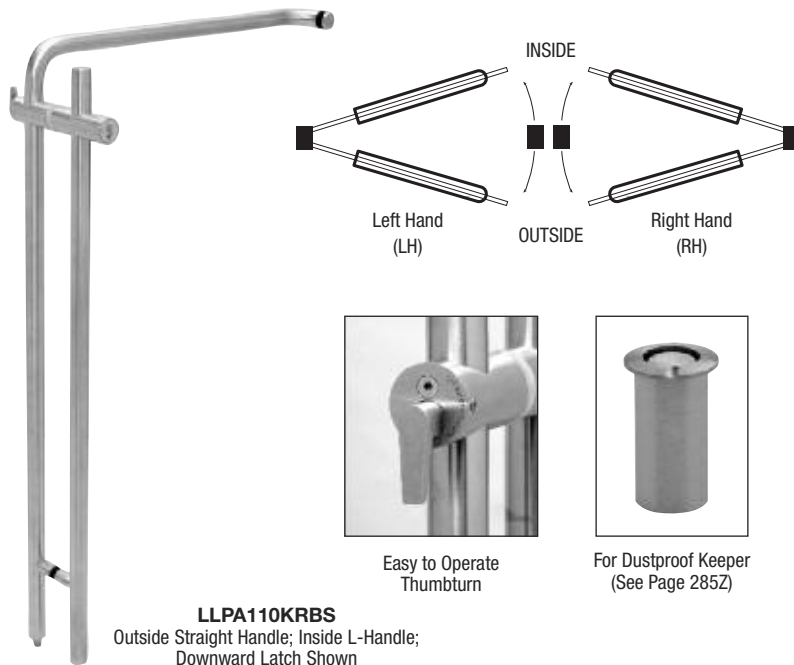
CRL Downward Latching L-Shaped Locking Ladder Pulls **NEW!**

- Two Styles in Stock for 1/2" to 3/4" (12 to 19 mm) Tempered Glass
- Adaptor Kit Available for Use on 1-3/4" (45 mm) Thick Aluminum Framed Doors
- 1-1/4" (32 mm) Long Deadbolt Throw - All Units
- Will Accept Most Standard Manufactured Rim Type Cylinders
- Custom Sizes on Special Order



Made of Durable 1-1/4" (32 mm) Diameter 316 Grade Polished or Brushed Stainless Steel Tubing

CRL's L-Shaped Locking Ladder Pulls secure 'all-glass' doors without having to kneel 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. When using on 1-3/4" (45 mm) thick aluminum frame doors order Cat. No. LLPA134ADT Adaptor Kit.



NOTE: Glass fabrication is required. Please visit crlaurence.com/ladder-pulls for details.

48" L-SHAPED HANDLE INSIDE/STRAIGHT HANDLE OUTSIDE DOWNWARD LATCH

CAT. NO.	HANDING	FINISH
LLPA110KLPS	Left Hand	Polished Stainless
LLPA110KLBS	Left Hand	Brushed Stainless
LLPA110KRPS	Right Hand	Polished Stainless
LLPA110KRBS	Right Hand	Brushed Stainless

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

48" L-SHAPED HANDLE INSIDE/OUTSIDE DOWNWARD LATCH

CAT. NO.	HANDING	FINISH
LLPA110CLPS	Left Hand	Polished Stainless
LLPA110CLBS	Left Hand	Brushed Stainless
LLPA110CRPS	Right Hand	Polished Stainless
LLPA110CRBS	Right Hand	Brushed Stainless

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Upward Latching L-Shaped Locking Ladder Pulls

NEW!

- A.D.A. Compliant Top Latching Models Available for Doors Up to 90" (2286 mm) Tall
- Two Styles in Stock for 1/2" to 3/4" (12 to 19 mm) Tempered Glass
- Adaptor Kit Available for Use on 1-3/4" (45 mm) Thick Aluminum Framed Doors
- 1-1/4" (32 mm) Long Deadbolt Throw - All Units
- Will Accept Most Standard Manufactured Rim Type Cylinders
- Custom Sizes on Special Order



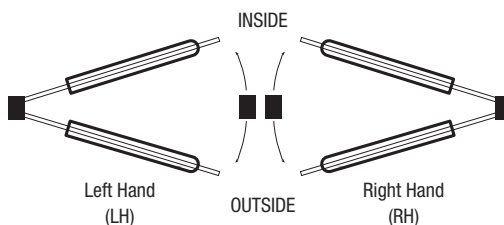
Made of Durable 1-1/4" (32 mm) Diameter 316 Grade Polished or Brushed Stainless Steel Tubing



CRL L-Shaped Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that locks into the header. They secure 'all-glass' doors without having to kneel 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. When using on 1-3/4" (45 mm) thick aluminum framed doors order Cat. No. LLPA134ADT Adapter Kit.



Deadbolt Receiver
Cat. No. DBSTOPBS or
DBSTOPPS (See Page 268Z)



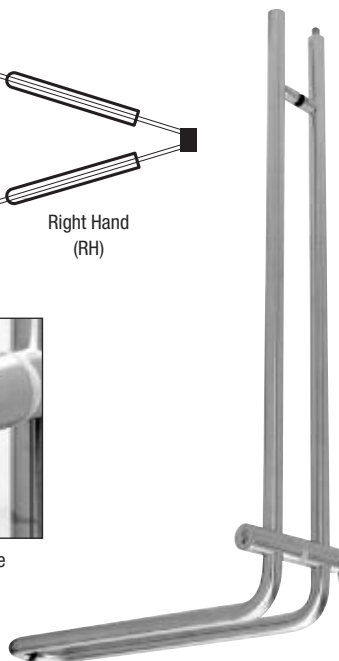
Easy to Operate
Thumbturn



NOTE: Glass fabrication is required. Please visit crlaurence.com/ladder-pulls for details.



LLPA100KLBS
Outside Straight Handle; Inside L-Handle;
Upward Latch Shown



LLPA100CLBS
Inside/Outside L-Handle;
Upward Latch Shown

48" L-SHAPED HANDLE INSIDE/STRAIGHT HANDLE OUTSIDE UPWARD LATCH

CAT. NO.	HANDING	FINISH
LLPA100KLPS	Left Hand	Polished Stainless
LLPA100KLBS	Left Hand	Brushed Stainless
LLPA100KRPS	Right Hand	Polished Stainless
LLPA100KRBS	Right Hand	Brushed Stainless

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

48" L-SHAPED HANDLE INSIDE/OUTSIDE UPWARD LATCH

CAT. NO.	HANDING	FINISH
LLPA100CLPS	Left Hand	Polished Stainless
LLPA100CLBS	Left Hand	Brushed Stainless
LLPA100CRPS	Right Hand	Polished Stainless
LLPA100CRBS	Right Hand	Brushed Stainless

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

go to crlaurence.com to search for

ladder-pulls

Search

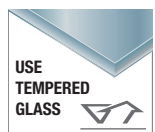
or enter the Catalog Number for complete product information

283Z

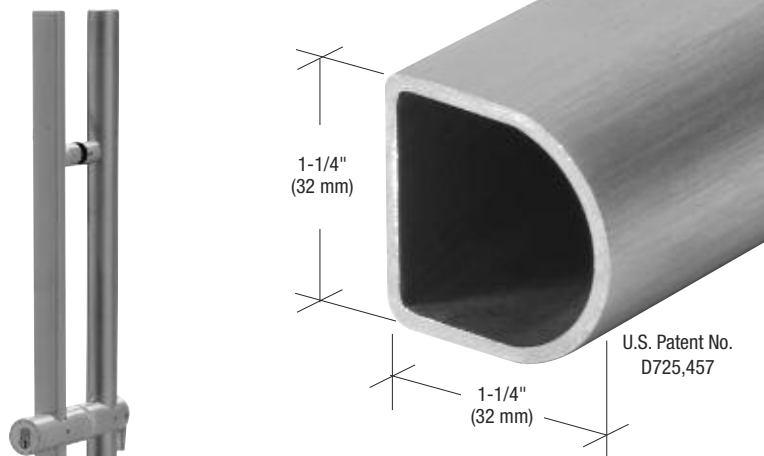
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL
ALUMINUM

CRL Designer Series "D" Shape Grip 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) Tempered Glass
- 316 Grade Stainless Steel Tubing
- Locks Into Floor Only - Custom Models Locking Into Top or Top/Bottom are Also Available Upon Request



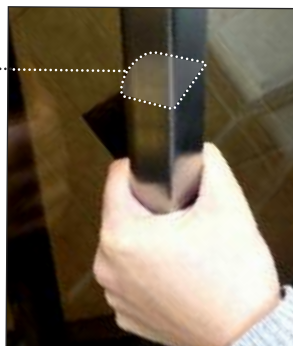
CRL Designer Series combines remarkable construction and modern design into a dynamic collection of Locking Ladder Pulls. Constructed with sharp lines and smooth surfaces, Designer Series Locking Ladder Pulls are named after their subtle "D" shaped design that is specifically contoured for a premium feel.

CRL Designer Series "D" Shape Grip 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.



For Dustproof Keeper
Sold Separately
(See page 285Z)

Comfort With a
Designer Edge



Floor
Locking



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 Cylinders for Easy Re-keying

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.

CRL Small Format Interchangeable Cores (SFIC)

- Works With CRL Locking Ladder Pulls, 4" x 10" and 6" x 10" Center Locks, CRL Panic and Deadbolt Devices, and Wedge-Lock® Door Rails
- 7-Pin Type Core Available in 10 Different Key Configurations
- Brushed Nickel Finish
- Master Keying Available on Special Order
- Housings Not Included and Must Be Ordered Separately (See Below)



Ordering Information:

- Each Core comes with one Control Key and two Operating Keys.
- Not compatible with larger 'removable' core systems.

CAT. NO.	KEY NUMBER	CAT. NO.	KEY NUMBER
1C01	1	1C06	6
1C02	2	1C07	7
1C03	3	1C08	8
1C04	4	1C09	9
1C05	5	1C10	10

Minimum order: 1 each. All SFIC Cores can be combined for quantity pricing.

Minimum order: 1 each. All SFIC Cores can be combined for quantity pricing.

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
- SFIC Cores Must Be Ordered Separately (See Above)

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 Cores must be ordered separately (see above).

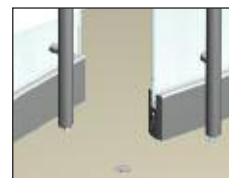
MORTISE HOUSING CAT. NO.	RIM CYLINDER HOUSING CAT. NO.	FINISH
1CHBS	2CHBS	Brushed Stainless
1CHDU	2CHDU	Black Bronze Anodized
1CHPB	2CHPB	Polished Brass
1CHPS	2CHPS	Polished Stainless
1CHSA	2CHSA	Satin Anodized

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Dustproof Keeper

- For CRL Locking Ladder Pulls
- 316 Grade Brushed Stainless Steel

This CRL Dustproof Keeper is intended for use with our Locking Ladder Pulls, or any other lock with a 5/8" (16 mm) plunger type latch bolt. Requires a hole 1" (25 mm) in diameter. Minimum order is one each.



CAT. NO. 58DKBS

CRL Lock Indicator Adaptor

NEW!

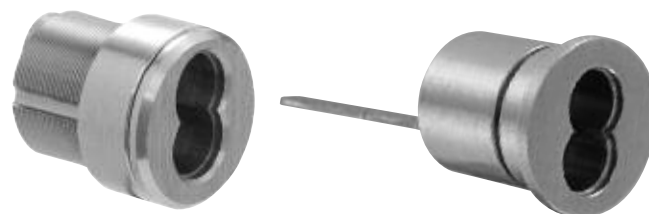
- For CRL Locking Ladder Pulls
- Shows Locked and Open



Optional Lock Indicator Adaptor easily installs on all CRL Locking Ladder Pulls to show when door is locked or unlocked.

CAT. NO.	FINISH
LLPA1NDBS	Brushed Stainless
LLPA1NDPS	Polished Stainless

Minimum order: 1 each.



Mortise Housing

Rim Cylinder Housing



Ordering Information:

- Each Mortise Housing comes with a 1/2" (13 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.

CRL Straight Style Ladder Pulls

- Up to Eleven Sizes in Two Stainless Finishes Plus New Matte Black
- For 3/8" to 3/4" (10 to 19 mm) Tempered Glass or 1-3/4" (44 mm) Aluminum Doors
- Custom Finishes and Sizes Available
- Extra Height for Eye-Catching Contemporary and Elegant Appearance
- 1-1/4" (32 mm) Diameter Heavy Wall 304 Grade Stainless Steel Tubing

NEW! MATTE BLACK



Made of Durable 1-1/4" (32 mm) Diameter 316 Grade Polished or Brushed Stainless Steel Tubing

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, brushed stainless, and NEW matte black for most sizes.

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, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

STRAIGHT STYLE LADDER PULLS

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
24LPBS	24" (610 mm)	12" (305 mm)	Brushed Stainless
24LPSS	24" (610 mm)	12" (305 mm)	Polished Stainless
24LPMBL	24" (610 mm)	12" (305 mm)	Matte Black
30LPBS	30" (762 mm)	18" (457 mm)	Brushed Stainless
30LPSS	30" (762 mm)	18" (457 mm)	Polished Stainless
30LPMBL	30" (762 mm)	18" (457 mm)	Matte Black
36LPBS	36" (914 mm)	24" (610 mm)	Brushed Stainless
36LPSS	36" (914 mm)	24" (610 mm)	Polished Stainless
36LPMBL	36" (914 mm)	24" (610 mm)	Matte Black
42LPBS	42" (1067 mm)	30" (762 mm)	Brushed Stainless
42LPSS	42" (1067 mm)	30" (762 mm)	Polished Stainless
42LPMBL	42" (1067 mm)	30" (762 mm)	Matte Black
48LPBS	48" (1219 mm)	36" (914 mm)	Brushed Stainless
48LPSS	48" (1219 mm)	36" (914 mm)	Polished Stainless
48LPMBL	48" (1219 mm)	36" (914 mm)	Matte Black
54LPBS	54" (1372 mm)	42" (1067 mm)	Brushed Stainless
54LPSS	54" (1372 mm)	42" (1067 mm)	Polished Stainless
60LPBS	60" (1524 mm)	48" (1219 mm)	Brushed Stainless
60LPSS	60" (1524 mm)	48" (1219 mm)	Polished Stainless
60LPMBL	60" (1524 mm)	48" (1219 mm)	Matte Black
66LPBS	66" (1676 mm)	54" (1372 mm)	Brushed Stainless
66LPSS	66" (1676 mm)	54" (1372 mm)	Polished Stainless
72LPBS	72" (1829 mm)	60" (1524 mm)	Brushed Stainless
72LPSS	72" (1829 mm)	60" (1524 mm)	Polished Stainless
72LPMBL	72" (1829 mm)	60" (1524 mm)	Matte Black
78LPBS	78" (1981 mm)	66" (1676 mm)	Brushed Stainless
78LPSS	78" (1981 mm)	66" (1676 mm)	Polished Stainless
84LPBS	84" (2134 mm)	72" (1829 mm)	Brushed Stainless
84LPSS	84" (2134 mm)	72" (1829 mm)	Polished Stainless
84LPMBL	84" (2134 mm)	72" (1829 mm)	Matte Black

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



Ladder Pull with Optional Offset Mid-Posts

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. Additional holes required if extra Mid-Posts added (see below).

Includes:

2 Each: TB2CH

5/16-18 Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Tempered Glass

2 Each: TB4CH

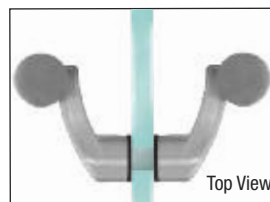
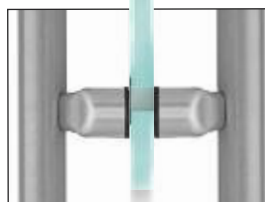
5/16-18 Through-Bolts for 1-3/4" (44 mm) Aluminum or Wood Doors

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.



OFFSET MID-POSTS

CAT. NO.	FINISH
LP0BS	Brushed Stainless
LP0PS	Polished Stainless
LP0MBL	Matte Black

Minimum order: 1 set.

go to crlaurence.com to search for

ladder-pulls

Search

or enter the Catalog Number for complete product information

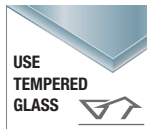
286Z

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

CRL
ALUMINUM

CRL Designer Series "D" Shape Grip 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) Tempered Glass or 1-3/4" (44 mm) Aluminum Doors
- Heavy Wall 304 Grade Stainless Steel Tubing
- Custom Finishes and Sizes Available



Comfort With a Designer Edge



U.S. Patent No. D725,457



Glass Fabrication Required:
Two 5/8" (16 mm) Diameter Holes

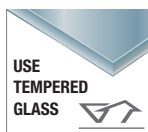


CRL Designer Series Ladder Style Pull Handles are constructed with sharp lines and smooth surfaces. They are named after their subtle "D" Shaped design that is specifically contoured for a comfortable feel, and intended for full size glass doors made from 3/8" to 3/4" (10 to 19 mm) thick tempered glass. 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. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Square Ladder Style Pull Handle With Round Mounting Posts



Specifications:

For Use With: 3/8" to 3/4" (10 to 19 mm) Tempered 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

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" (44 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.	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



Specifications:

For Use With: 3/8" to 3/4" (10 to 19 mm) Tempered 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:

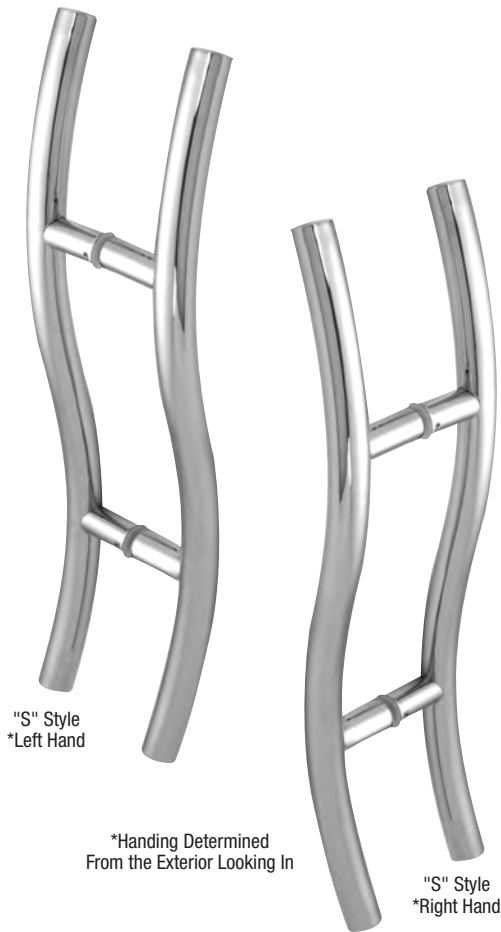
Cat. No.	Description
TB2CH	Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass
TB4CH	Through-Bolts for 1-3/4" (44 mm) Wood or Metal Door Frames



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 "S" Style Ladder Pulls



- Three Sizes in Two Popular Finishes for 3/8" to 3/4" (10 to 19 mm) Tempered Glass
- Left and Right Hand Models Available in 1-1/4" (32 mm) Diameter Heavy Wall 304 Grade Stainless Steel Tubing
- Custom Finishes and Sizes Available

Specifications:

For Use With:

3/8" to 3/4" (10 to 19 mm) Tempered 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, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

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. All Pull Handles 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 Glass Mounted Ladder Style Back-to-Back Pull Handle With Undercut Accent Rings

Specifications:

For Use With:

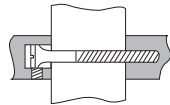
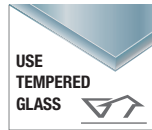
3/8" to 3/4" (10 to 19 mm)
Tempered Glass

Construction:

1" (25 mm) Diameter Stainless
Steel or Brass Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



Mounting
Threaded Shoulder
Bolt and Set Screw
(Included)



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
CT18X18BR	25" (635 mm)	18" (457 mm)	Polished Brass
CT18X18PS	25" (635 mm)	18" (457 mm)	Polished Stainless
CT18X18BS	25" (635 mm)	18" (457 mm)	Brushed 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 Acrylic Semi-Inserts

Specifications:

For Use With:

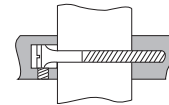
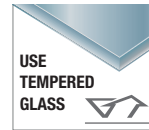
3/8" to 3/4" (10 to 19 mm)
Tempered Glass

Construction:

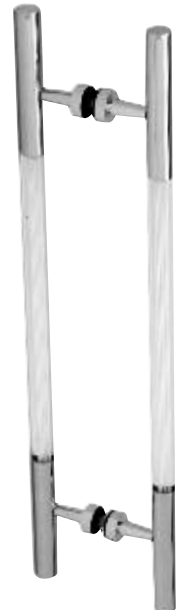
1" (25 mm) Diameter Stainless
Steel or Brass Tubing with
Acrylic Semi-Insert
(White Accent Lines in Acrylic)

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



Mounting
Threaded Shoulder
Bolt and Set Screw
(Included)



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
CA18X18BR	24-1/2" (622 mm)	18" (457 mm)	Polished Brass
CA18X18PS	24-1/2" (622 mm)	18" (457 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 Acrylic Full Inserts

Specifications:

For Use With:

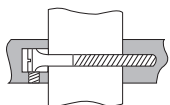
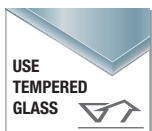
3/8" to 3/4" (10 to 19 mm)
Tempered Glass

Construction:

1" (25 mm) Diameter Stainless
Steel or Brass Tubing with
Acrylic Full Insert
(Black Accent Lines in Acrylic)

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



Mounting
Threaded Shoulder
Bolt and Set Screw
(Included)



Includes:

- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter
Matching Metal Finish Washers
and Rubber Gaskets

CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CB18X18BR	27" (686 mm)	18" (457 mm)	Polished Brass
CB18X18PS	27" (686 mm)	18" (457 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Ring Style Back-to-Back Pull Handle

Specifications:

For Use With:

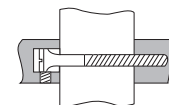
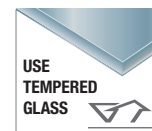
3/8" to 3/4" (10 to 19 mm)
Tempered Glass

Construction:

1" (25 mm) Diameter Stainless
Steel or Brass Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



Mounting
Threaded Shoulder
Bolt and Set Screw
(Included)



Includes:

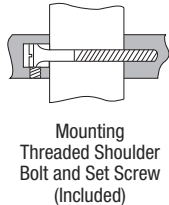
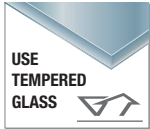
- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter
Matching Finish Metal Washers
and Rubber Gaskets

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CR18X18BR	18" (457 mm)	Polished Brass
CR18X18PS	18" (457 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

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) Tempered Glass
- Complete With Matching Finish Metal Washers and Through-Bolts for Mounting



Straight

Offset

Specifications:

For Use With: 3/8" to 3/4" (10 to 19 mm) Tempered Glass

Construction: 1" (25 mm) Diameter Solid Aluminum, Stainless Steel or Brass Tubing
*1-1/4" (32 mm) Diameter Stainless Steel (CD24X24BS125 Model only).

Offset: 3" (76 mm) From 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" (44 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" (44 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) Tempered Glass

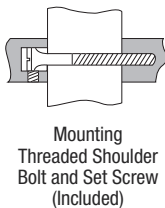
Construction: 1" (25 mm) Diameter Solid Stainless Steel or Brass

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
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:

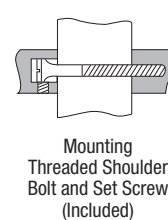
For Use With: 3/8" to 3/4" (10 to 19 mm) Tempered Glass

Construction: 1" (25 mm) Diameter Solid Aluminum, Stainless Steel or Brass 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" (44 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:

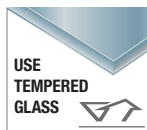
- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

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

- Five Beautiful Architectural Finishes
- For Use With 3/8" to 3/4" (10 to 19 mm) Tempered Glass
- Through-Bolts and Washer Kits Also Available for 1-1/2" to 2" (38 to 51 mm) Thick Doors



Specifications:

For Use With:

3/8" to 3/4" (10 to 19 mm) Tempered Glass

Construction:

1" (25 mm) Diameter Solid Aluminum, 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) From Center

Optional 1-1/4" (32 mm) Diameter

Handles Available on Special Order

Includes:

- 1 Each: Through-Bolts for Glass Mounting
- 2 Each: Stud Kits For Single-Sided Attachment
- 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" (44 mm) Wood or Metal Door Frames
- F40WK** Matching Washer Set and Through-Bolt for Back-to-Back Attachment to 3/8" to 3/4" (10 to 19 mm) Glass
- F40SK** Matching Washer and Stud Kit for Single Sided Attachment to 3/8" to 3/4" (10 to 19 mm) Glass
- F41SK** Matching Washer/Stud for Single-Sided Attachment to 1-1/2" to 2" (38 to 51 mm) Doors
- F41WK** Matching Washer Set for Back-to-Back Attachment to 1-1/2" to 2" (38 to 51 mm) Doors

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

Specifications:

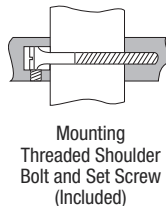
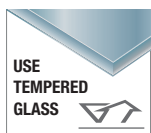
For Use With: 3/8" to 3/4" (10 to 19 mm) Tempered Glass

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 Sculptured Style Back-to-Back Pull Handle

Specifications:

For Use With: 3/8" and 1/2" (10 and 12 mm) Tempered Glass

Construction:

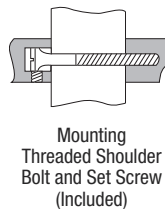
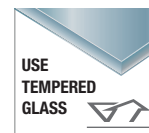
Cast Solid Brass

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

Includes:

- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/16" (27 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets



CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CQ10X10CH	10" (254 mm)	Chrome Plated
CQ10X10BR	10" (254 mm)	Polished Brass
CQ10X10BSC	10" (254 mm)	Brushed Satin Chrome
CQ10X10BN	10" (254 mm)	Brushed Nickel
CQ10X10PN	10" (254 mm)	Polished Nickel
CQ10X10ABR	10" (254 mm)	Antique Brass
CQ10X10GP	10" (254 mm)	Gold Plated
CQ10X10ORB	10" (254 mm)	Oil Rubbed Bronze

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Square Tube Style Back-to-Back Pull Handle

Specifications:

For Use With:

3/8" to 3/4" (10 to 19 mm)
Tempered Glass

Construction:

1" (25 mm) Square
Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

Extra bolts available, sold separately:

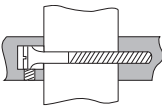
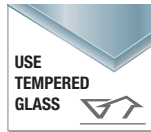
CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass

TB4CH Through-Bolts for 1-3/4" (44 mm) Wood or Metal Door Frames

Includes:

2 Each: Through-Bolts for Glass Mounting



Mounting
Threaded Shoulder
Bolt and Set Screw
(Included)



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 Mitered Corner Style Back-to-Back Pull Handle

Specifications:

For Use With: 3/8" to 3/4" (10 to 19 mm) Tempered Glass

Construction: 1" (25 mm) Round 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

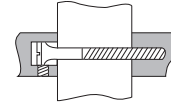
TB4CH Through-Bolts for 1-3/4" (44 mm) Wood or Metal Door Frames

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



Mounting
Threaded Shoulder
Bolt and Set Screw
(Included)



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 Offset Square Back-to-Back Pull Handle

Specifications:

For Use With: 3/8" to 3/4" (10 to 19 mm) Tempered Glass

Construction: 1" (25 mm) Square Stainless Steel Tubing

Offset: 2-1/8" (54 mm)
From Center

Glass Fabrication Required:

Two 5/8" (16 mm)

Diameter Holes

Extra bolts available, sold separately:

2 Each: Through-Bolts for Glass Mounting

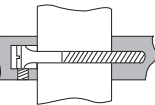
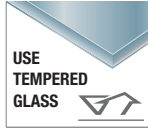
4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

2 Each: Through-Bolts for Glass Mounting

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass

TB4CH Through-Bolts for 1-3/4" (44 mm) Wood or Metal Door Frames



Mounting
Threaded Shoulder
Bolt and Set Screw
(Included)



Includes:

2 Each: Through-Bolts for Glass Mounting

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
S010X10BS	10" (254 mm)	Brushed Stainless
S010X10PS	10" (254 mm)	Polished Stainless
S012X12BS	12" (305 mm)	Brushed Stainless
S012X12PS	12" (305 mm)	Polished Stainless
S018X18BS	18" (457 mm)	Brushed Stainless
S018X18PS	18" (457 mm)	Polished Stainless
S024X24BS	24" (610 mm)	Brushed Stainless
S024X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Square Back-to-Back Pull Handle

Specifications:

For Use With: 3/8" to 3/4" (10 to 19 mm) Tempered Glass

Construction: 1" (25 mm) Square Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

Extra bolts available, sold separately:

2 Each: Through-Bolts for Glass Mounting

4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

CAT. NO. DESCRIPTION

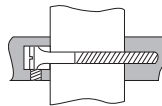
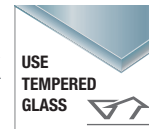
TB2CH Through-Bolts for 3/8" to 3/4" (10 to 19 mm) Glass

TB4CH Through-Bolts for 1-3/4" (44 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



Mounting
Threaded Shoulder
Bolt and Set Screw
(Included)



CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
SST10X10BS	10" (254 mm)	Brushed Stainless
SST10X10PS	10" (254 mm)	Polished Stainless
SST12X12BS	12" (305 mm)	Brushed Stainless
SST12X12PS	12" (305 mm)	Polished Stainless
SST18X18BS	18" (457 mm)	Brushed Stainless
SST18X18PS	18" (457 mm)	Polished Stainless
SST24X24BS	24" (610 mm)	Brushed Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Curved Back-to-Back Pull Handle

Specifications:

For Use With: 3/8" to 3/4"

(10 to 19 mm) Tempered Glass

Construction: 1" (25 mm)

Diameter 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" (44 mm) Wood or Metal Door Frames

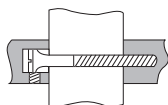
F40WK Matching Washer Set and Through-Bolt for 3/8" to 3/4" (10 to 19 mm) Glass

Includes:

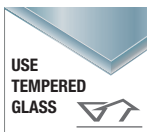
2 Each: Through-Bolts for Glass Mounting

4 Each: 1-1/4" (32 mm) Diameter Matching

Finish Metal Washers and Rubber Gaskets



Mounting Threaded Shoulder Bolt and Set Screw (Included)



CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
RC12X12BS	12" (305 mm)	Brushed Stainless
RC12X12PS	12" (305 mm)	Polished Stainless
RC18X18BS	18" (457 mm)	Brushed Stainless
RC18X18PS	18" (457 mm)	Polished Stainless
RC24X24BS	24" (610 mm)	Brushed Stainless
RC24X24PS	24" (610 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Round Tube Curved Pull Handle

Specifications:

For Use With:

3/8" to 3/4" (10 to 19 mm)

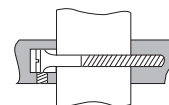
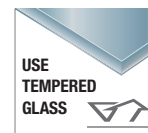
Tempered Glass

Construction:

1" (25 mm) Diameter Stainless Steel Tubing

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes



Mounting Threaded Shoulder Bolt and Set Screw (Included)



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" (44 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
CY18X18BS	18" (457 mm)	Brushed Stainless
CY18X18PS	18" (457 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Crescent End-Mount Back-to-Back Pull Handle

Specifications:

For Use With:

3/8" to 3/4" (10 to 19 mm)

Tempered Glass

Construction:

1-1/4" (32 mm) Diameter 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

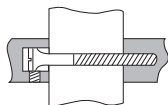
TB4CH Through-Bolts for 1-3/4" (44 mm) Wood or Metal Door Frames

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



Mounting Threaded Shoulder Bolt and Set Screw (Included)



CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CE18X18BS	18" (457 mm)	12" (305 mm)	Brushed Stainless
CE18X18PS	18" (457 mm)	12" (305 mm)	Polished Stainless
CE24X24BS	24" (610 mm)	18" (457 mm)	Brushed Stainless
CE24X24PS	24" (610 mm)	18" (457 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Crescent Mid-Mount Back-to-Back Pull Handle

Specifications:

For Use With:

3/8" to 3/4" (10 to 19 mm)

Tempered Glass

Construction:

1-1/4" (32 mm) Diameter 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

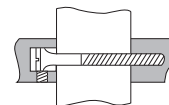
TB4CH Through-Bolts for 1-3/4" (44 mm) Wood or Metal Door Frames

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



Mounting Threaded Shoulder Bolt and Set Screw (Included)



CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
CH12X12BS	12" (305 mm)	6" (152 mm)	Brushed Stainless
CH12X12PS	12" (305 mm)	6" (152 mm)	Polished Stainless
CH18X18BS	18" (457 mm)	9" (229 mm)	Brushed Stainless
CH18X18PS	18" (457 mm)	9" (229 mm)	Polished Stainless
CH24X24BS	24" (610 mm)	12" (305 mm)	Brushed Stainless
CH24X24PS	24" (610 mm)	12" (305 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Arc Style Back-to-Back Pull Handle

Specifications:

For Use With: 3/8" to 1/2"
(10 to 12 mm) Tempered Glass

Construction: 1-1/2" (38 mm)
Stainless Steel

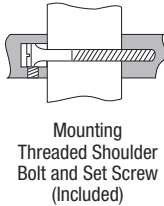
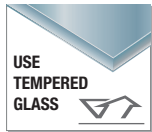
Glass Fabrication Required:

Two 1/2" (12 mm) Diameter Holes

NEW!

Includes:

2 Each: Through-Bolts for 3/8" to 1/2"
(10 to 12 mm) Glass



CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
1427BS	15-3/4" (400 mm)	14" (356 mm)	Brushed Stainless
1427PS	15-3/4" (400 mm)	14" (356 mm)	Polished Stainless
1426BS	31-1/2" (800 mm)	28" (711 mm)	Brushed Stainless
1426PS	31-1/2" (800 mm)	28" (711 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Beretta Series Back-to-Back Pull Handle

Specifications:

For Use With: 3/8" to 1/2"
(10 to 12 mm) Tempered Glass

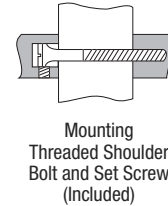
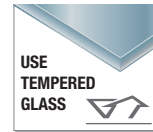
Construction: 2" (51 mm) Diameter
Stainless Steel

Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes

Includes:

2 Each: Through-Bolts for 3/8" to 1/2"
(10 to 12 mm) Glass



CAT. NO.	OVERALL LENGTH	MOUNTING HOLES CENTER-TO-CENTER	FINISH
BS8X8BS	9-3/8" (238 mm)	8" (203 mm)	Brushed Stainless
BS8X8PS	9-3/8" (238 mm)	8" (203 mm)	Polished Stainless
BS20X20BS	21-3/8" (543 mm)	20" (508 mm)	Brushed Stainless
BS20X20PS	21-3/8" (543 mm)	20" (508 mm)	Polished Stainless

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Elbow Style Back-to-Back Pull Handle

Specifications:

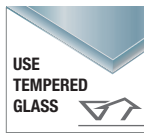
For Use With: 3/8" to 3/4"
(10 to 19 mm) Tempered Glass

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

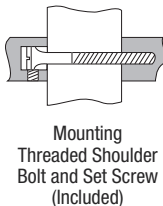
Extra bolts available, sold separately:

CAT. NO. DESCRIPTION

TB2CH Through-Bolts for 3/8" to 3/4"
(10 to 19 mm) Glass

TB4CH Through-Bolts for 1-3/4" (44 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
CV12X12BS	12" (305 mm)	Brushed Stainless
CV12X12PS	12" (305 mm)	Polished Stainless
CV12X12BR	12" (305 mm)	Polished Brass

Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.

CRL Glass Mounted Rounded Corner Square Tube Style Back-to-Back Pull Handle

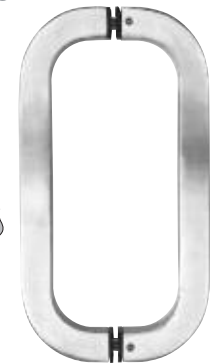
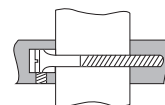
Specifications:

For Use With: 3/8" to 3/4"
(10 to 19 mm) Tempered 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" (44 mm) Wood or Metal Door Frames

CAT. NO.	MOUNTING HOLES CENTER-TO-CENTER	FINISH
RST10X10BS	10" (254 mm)	Brushed Stainless
RST10X10PS	10" (254 mm)	Polished Stainless
RST12X12BS	12" (305 mm)	Brushed Stainless
RST12X12PS	12" (305 mm)	Polished Stainless
RST18X18BS	18" (457 mm)	Brushed Stainless
RST18X18PS	18" (457 mm)	Polished Stainless
RST24X24BS	24" (610 mm)	Brushed Stainless
RST24X24PS	24" (610 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) Tempered Glass or 1-3/4" (44 mm) Aluminum or Wood Door

Construction:

1" (25 mm) Diameter Stainless Steel Tubing

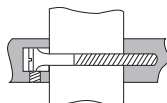
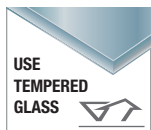
Glass Fabrication Required:

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.

Includes:

- 2 Each: Through-Bolts for Glass Mounting
- 2 Each: Through-Bolts Cat. No. TB4VPS for Optional Mounting to 1-3/4" (44 mm) Thick Aluminum, Wood, or Hollow Metal Door
- 4 Each: Adjustable Mounting Posts (VP1 or VP2 Depending on Handle Style)



Mounting Threaded Shoulder Bolt and Set Screw (Included)



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

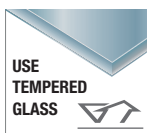
CRL Frameless Sliding Glass Door Pull Handle

- Four Architectural Finishes for 1/2" (12 mm) Tempered Glass
- Low 3/8" (10 mm) Projection Will Not Interfere With Sliding Door Action

CRL Frameless Sliding Glass Door Pull Handles feature a low 3/8" (10 mm) 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 Fabrication Required:

Glass Cut-Out With Polished Edges;
Two 1/2" (13 mm) Diameter Holes
9" (229 mm) Center-to-Center



CAT. NO.	FINISH
SGH8CH	Polished Chrome
SGH8BR	Lacquered Brass
SGH8BN	Brushed Nickel
SGH8SC	Satin Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.



go to crlaurence.com to search for

pull-handles

Search

or enter the Catalog Number for complete product information

295Z

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

CRL
US ALUMINUM

CRL Astral II Solid Push Bars and Pull Handles for Single Acting Doors

- Used on U.S. Aluminum Doors

NOTE: Push Bar and Pull Handle are ordered separately.

PULL HANDLES ONLY

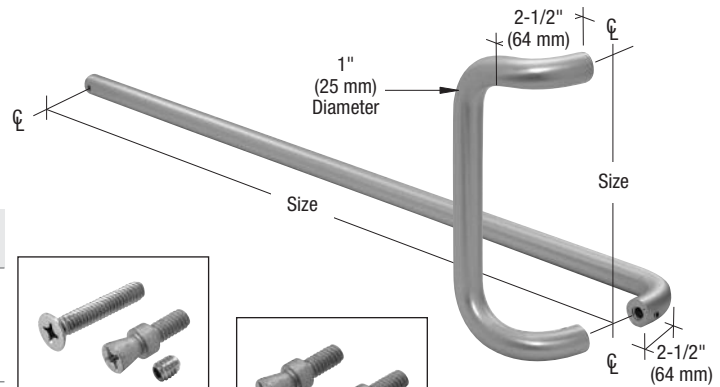
CLEAR ANODIZED CAT. NO.	BRONZE CAT. NO.	CHAMPAGNE CAT. NO.	CENTER-TO-CENTER SIZE
PR03211	PR0322209	PR03225	9" (229 mm)
PR0321112	PR0322212	PR0322512	12" (305 mm)
PR0321114	PR0322214	PR0322514	14" (356 mm)
PR0321116	PR0322216	PR0322516	16" (406 mm)

Minimum order: 1 each. All Commercial Pulls can be combined for quantity pricing.

PUSH BARS ONLY FOR SINGLE ACTING DOORS

CLEAR ANODIZED CAT. NO.	BRONZE CAT. NO.	CHAMPAGNE CAT. NO.	CENTER-TO-CENTER SIZE
PR0341136	PR0342236	PR0342536	33" (838 mm)
PR0341142	PR0342242	PR0342542	39" (991 mm)
PR0341148	PR0342248	PR0342548	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)

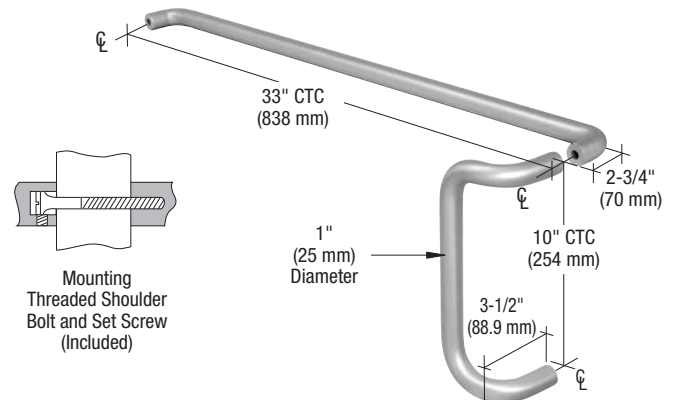
- 1" (25 mm) Diameter Solid Aluminum

CRL Solid Push Bar and Pull Handle Set

- Fits 36" (914 mm) Narrow Stile Commercial Doors
- 1" (25 mm) Diameter Aluminum or Stainless Steel
- 10" (252 mm) CTC Pull Handle With 33" (838 mm) CTC Push Bar Sets

CAT. NO.	FINISH
2958A	Aluminum
2958BRZ	Dark Bronze
M10X3310B	Oil Rubbed Bronze
M10X3328	Clear Anodized
M10X3332D	Brushed Stainless

Minimum order: 1 each. All Commercial Pulls can be combined for quantity pricing.



CRL Solid Offset Single-Sided Pull Handles

- 1" (25 mm) Diameter Solid Aluminum or Stainless Steel

8" (203 MM) CTC PULL HANDLE

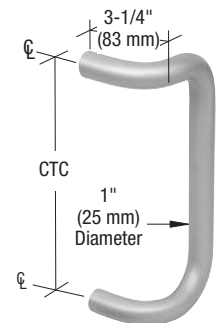
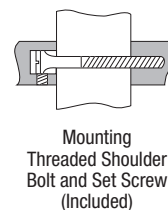
CAT. NO.	FINISH
M174810B	Oil Rubbed Bronze
M174828	Clear Anodized
M174832D	Brushed Stainless

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.



CRL Solid Offset Back-To-Back Pull Handles

- 1" (25 mm) Diameter Solid Aluminum or Stainless Steel

8" (203 MM) CTC PULL HANDLE

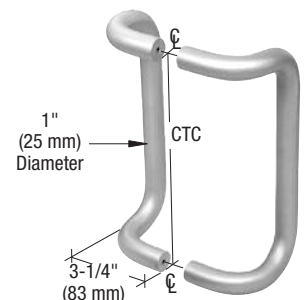
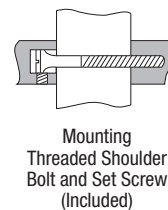
CAT. NO.	FINISH
M2174810B	Oil Rubbed Bronze
M2174828	Clear Anodized
M2174832D	Brushed Stainless

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.



Rev. 5/18

CRL Commercial Door Hardware

- A Complete Selection of Accessory Hardware for Aluminum or Wood Framed Storefront Doors
- Single-Sided and Back-To-Back Pull Handles
- Aluminum and Stainless Steel Push Bars
- Push and Pull Plates With or Without Handles
- Door Kick Plates and A.D.A. Adaptors
- Stock Sizes and Finishes for Immediate Shipment
- Custom Sizes and Finishes for Special Jobs



CRL Extruded Aluminum Pull Handles

- Solid Extruded Aluminum Handle Mounts to Door With Concealed Fasteners



CRL Extruded Aluminum Door Bumper Bars

- 3/8" (10 mm) Thick Bumper Bars Help Protect Storefront Doors



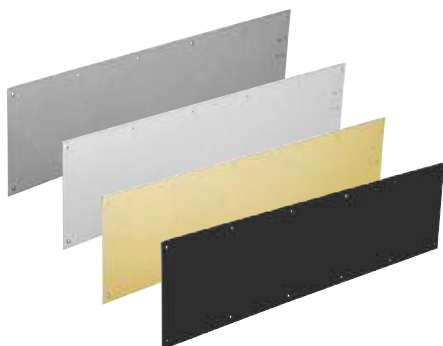
CRL Extruded Aluminum Push Bars

- Available in Three Lengths



CRL Door Kick Plates

- Ten Sizes in Up to Four Architectural Finishes



CRL Push Plates

- Sizes in Three Architectural Finishes



CRL Pull Plates

- Two Styles in Three Architectural Finishes



As a fabricator and also a distributor of doors and door accessories, CRL makes available to you the largest selection of quality hardware for commercial doors of all types. Our Technical Sales Specialists can assist you in the selection of just the right hardware to assure perfect results every time. For additional information visit crlaurence.com/door-hardware or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send email to architectural@crlaurence.com.

CRL Round Push or Pull Indicators

- Etched Brass or Stainless Steel
- 2" (51 mm) Diameter
- Applied With Pre-Installed High Bond Tape

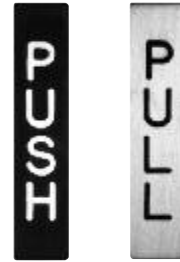


PUSH CAT. NO.	PULL CAT. NO.	PUSH-PULL SET CAT. NO.	FINISH
2EP0RBPU	2EP0RBPL	RPP2DU	Dark Bronze
2EPBSPU	2EPBSPL	RPP2BS	Brushed Stainless Steel
2EPPSPU	2EPPSPL	RPP2PS	Polished Stainless Steel
2EPPBPU	2EPPBPL	RPP2PB	Polished Brass
2EPSBPU	2EPSBPL	RPP2SB	Satin Brass

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



Signs mount with included 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

- 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 steel, and applied using a high bond tape that is pre-installed on the back of the Indicator. There is one left arrow and one right arrow 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.

PUSH CAT. NO.	PULL 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

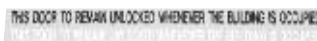
Minimum order: 1 each. All Indicators can be combined for quantity pricing.

CRL 'Door to Remain Unlocked' Decals for Business Doors

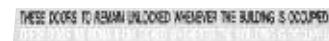
- Two Varieties Available for Single or Double Doors
- Adhesive Backed for Fast Installation



Cat. Nos. DL2177HS, 148B0, and 149B0 "During Business Hours"



Cat. Nos. 146B0 and 147B0 "Whenever the Building is Occupied"



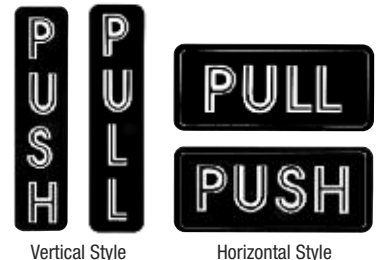
CAT. NO.	DESCRIPTION	LENGTH	QTY/PACK
DL2177HS	Single Door Decal	26" (660 mm)	10*
148B0	Single Door Decal	24" (610 mm)	1
149B0	Double Door Decal	25" (635 mm)	1
146B0	Single Door Decal	25" (635 mm)	1
147B0	Double Door Decal	26" (660 mm)	1

Minimum order: 1 each, except *10 each for Cat. No. DL2177HS, which must be ordered in increments of 10.

CRL Push-Pull Indicator Decals

- Die-Cut Decals With Adhesive Backing

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
568VF	Push (FRENCH)	Aluminum/Black	Vertical
569VF	Pull (FRENCH)	Aluminum/Black	Vertical

Minimum order: 25 each. 25 per package. Must be ordered in increments of 25.
All Decals can be combined for quantity pricing.

CRL Glass Safety Decals

- Easy to Apply Decals Reduce the Risk of Injury Due to Accidental Collision With Storefront Panels and Doors
- Decals Have "Floating" Appearance

With today's architecture incorporating more glass than ever, it's important to reduce the risk of people being injured by accidental collision with glass panels and doors. CRL Glass Safety Decals installed near eye level give a "floating" appearance that serves to warn pedestrians of the presence of large glass panels and sliding doors.

All Glass Safety Decals are a white color, and use a special dual-sided adhesive transfer material which when peeled off leaves only the decal, with no unsightly residue to spoil the 'all-glass' appearance.

Minimum order is five each. Must be ordered in increments of five. Our Cat. No. 105 Plastic Scraper will give you firm, even pressure as you apply Safety Decals to clean glass.



"Trend"
3/4" x 6-7/8" (19 x 175 mm)
CAT. NO. 010323



"Boral"
1-3/16" x 22-1/4" (30 x 566 mm)
CAT. NO. 010325



"Bradnam's"
1" x 17-3/4" (25 x 451 mm)
CAT. NO. 010326



"Dowell"
1-1/2" x 23-1/4" (38 x 590 mm)
CAT. NO. 010327



"G. James"
1-7/8" x 21" (48 x 533 mm)
CAT. NO. 010328



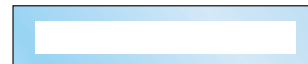
"Pilkington"
1-3/4" x 22" (44 x 559 mm)
CAT. NO. 010330



"Stegbar"
1-3/8" x 22-1/2" (35 x 572 mm)
CAT. NO. 010331



"James Hardie"
1" x 23-1/4" (25 x 590 mm)
CAT. NO. 010332



"Solid White" Safety Glass Decal
2-15/16" x 32" 9" (75 mm x 10 m)
CAT. NO. 010390

CRL Round Glass Presence Indicator Set

- For Use on Storefront Panels and Doors
- Easily Installed With Supplied Tape
- Helps to Prevent Accidents

CRL Round Glass Presence Indicators are 2" (51 mm) in diameter. They are applied to glass panels back-to-back at eye level to warn people of the presence of large glass panels. Easily installed using high bond tape applied to the rear of each Indicator. Each set contains two Indicators.



- Five Architectural Finishes



CAT. NO.	FINISH	DIAMETER
RPPBDU	Dark Bronze	2" (51 mm)
RPPBBS	Brushed Stainless Steel	2" (51 mm)
RPPBPS	Polished Stainless Steel	2" (51 mm)
RPPBPB	Polished Brass	2" (51 mm)
RPPBSB	Satin Brass	2" (51 mm)

Minimum order: 1 set. All Indicators 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 Products.



go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

300Z

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

CRL
US ALUMINUM



3

PAGES
301Z - 348Z

Door Closers and Door Control Hardware

Bottom Pivots and Pivot Sets

CRL Closers for Patch Fittings
and Door Rails

Door Closers

Dorma® Overhead
Concealed Closers

Floor Mounted
Door Closers

Jackson® Door Closers **NEW!**

LCN® Overhead Concealed
Door Closers **NEW!**

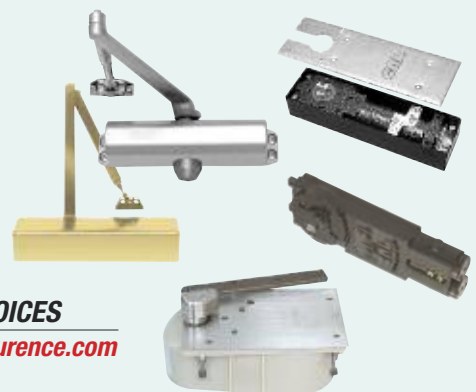
Norton® Door Operator

Overhead Concealed
Door Closers **NEW!**

Replacement Overhead
Concealed Door Closers for
Original Kawneer® Husky®

Rixson® Floor Mounted
Door Closers

Surface Mounted
Door Closers



These products and more can be found in this catalog section. On the top and 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 **More Choices** in that category. To view **More Choices**, simply click on the red and white icon to be taken to a larger selection.

MORE CHOICES
crlaurence.com

CRL Overhead Concealed Door Closers and Accessories

PAGES 301Z-324Z

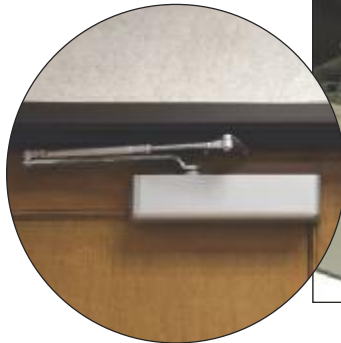
- Selection Chart
- Jackson® Overhead Concealed Door Closers
- Mounting Clips and Accessories
- Overhead Door Closer Packages
- Adjustable Spring Power Closers
- Replacement Closer for Kawneer® Husky®
- Arm Assemblies
- Bottom Pivots and Pivot Sets
- Dorma® Closers
- LCN® Closers
- Norton® Closers



CRL Surface Mounted Door Closers

PAGES 325Z-327Z

- DC50 Series Spring Sizes 1-5
- PR90 Series Grade 1 Spring 1-6
- PR80 Series Spring Sizes 1-4 or 2-5
- PR40 Series Delayed Action Spring 1-4 or 2-5
- PR50 Series Delayed Action Spring 1-5
- PR70 Series Spring Sizes 1/2-4 or 2-6
- LCN® 4040XP Series High Traffic
- LCN® 1460 Series Spring 1-6
- Norton® 5700-Leo Power Door Operator



CRL Floor Mounted Door Closers and Accessories

PAGES 328Z-348Z

- Jackson® 900 Series Heavy-Duty Floor Closers
- 8500 Series Heavy Weight Floor Closer
- Narrow Width Floor Closers
- Shallow Depth Floor Closers
- Interchangeable Cores
- Jackson® 300 Series Thin Slab Floor Closers, Packages, and Accessories
- Dorma® Series Door Closers
- Top Pivots
- Rixson® 27 Series Offset Floor Closers and Accessories
- Rixson® 28 Series Center-Hung Floor Closers, Pivots, and Accessories



What's the Right Door Closer for the Job?

When selecting a door closer, the first consideration should be if the closer is intended to replace an existing one, or if it is for a new installation. If it is a replacement door closer, what is your customer asking you to provide? An exact match that meets all the specifications and dimensions of the existing closer, or are you expected to upgrade the existing closer with one that will meet their current needs?

It is important to note the existing door closer's physical size, brand or markings (if available), mounting hole dimensions and spring size. You should note the type of door and its physical dimensions as well. Also, how will this closer be mounted? Are all of the necessary accessory items, such as drop plates, door arms or special brackets usable, or will they need to be replaced?

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.



DC14 Door Controls Catalog provides all this information and more. Ask for a FREE copy with your next order.

Once the proper closer type has been selected, there are some important decisions that need to be made regarding the spring size, grade, and desired options and features. Is the door located on the outside or inside? What type of locking device will be used? What type of weather seals and internal building pressures will the closer need to overcome to close the door? The wider and heavier the door, the larger the spring size required to control the door. Remember it is called a door "closer", so therefore you are attempting to control and close the door, yet allow for a reasonable force required to open the door. Closers are rated by spring size, commonly expressed as Size 1, 2, 3 and up through Size 6. Most closers are of a single fixed size that cannot be altered, and are made to be used for a specific range of door sizes. Today, more and more closers are being manufactured to allow the spring size to be adjusted to the precise opening and closing force required to control the door under varying conditions, and cover a wide range of door sizes and applications. These adjustable closers allow you the best opportunity to meet your customer's needs.

Always remember that a Door Closer should never be used as a doorstop. An auxiliary doorstop is always recommended when a positive stop is required to prevent the door from opening beyond a specified point. Regardless of which door closer is selected, take the time to review the instructions and learn the proper procedure to install and adjust it.



Surface Mounted



Overhead Concealed



Floor Mounted

General Door Closer Terminology

- Action** - Defines the ability of the door closer to swing one way (Single Action) or both ways (Double Action).
- Adjustable Spring Power** - Adjustable spring tension that allows a single door closer to handle a wide range of door sizes and applications.
- A.D.A.** - Americans with Disabilities Act. Federal legislation that specifies guidelines to eliminate barriers to handicapped access and mobility.
- Backcheck** - Feature that provides dampening or slowing of the door opening speed at approximately 60 to 85 degrees of opening to prevent damage to the door, the frame, or to an adjacent structure.
- Barrier-Free** - Term used to identify door closers that meet guidelines corresponding to the Americans with Disabilities Act (A.D.A.) and ANSI A117.1 Specifications. Barrier-Free guidelines include maximum opening forces and power-assist capabilities.
- Center-Hung** - Door pivot point at center of jamb, therefore, depending on the pivot type, will allow the door to swing both in and out.
- Dead-Stop** - Auxiliary hardware or special door closer feature that limits the maximum degree of door swing to a specified point.
- Delayed Action** - Feature that causes the door to slow or delay closing, usually down to approximately 70 degrees to allow unrestricted passage. The delay time is normally adjustable.
- Efficiency** - Percentage of closing force in relation to opening force provided by the door closer to close the door.
- Fixed Spring Size** - Single fixed spring tension that is not adjustable. Intended to handle a specific range of door sizes.
- Handing** - Determined by the swing of the door. Left Hand, Right Hand, Left Hand Reverse Bevel, or Right Hand Reverse Bevel.
- Hold Open** - Feature that allows the door to remain open at a preset position. Depending on the type of door closer and accessories, the hold open position may be adjustable.
- Latch Speed** - The closing speed from approximately 10 to 15 degrees from the closed position. This speed should allow positive latching of the lock or exit device without undue slamming.
- Offset** - Door Pivot Point is offset from jamb center line, and hung from an offset pivot or hinge, allowing it to swing only one way.
- Spring Size** - A measure of door closer spring strength. Relates directly to the amount of opening force required to open the door, and the amount of force available to close the door.
- Sweep Speed** - Initial closing speed from fully open to approximately 10 to 15 degrees from closed position.

Door Closer Selection Chart

TYPICAL ENTRANCE APPLICATION	AVERAGE DAILY SWING FREQUENCY	RATED FREQUENCY	RECOMMENDED CLOSER TYPE
<ul style="list-style-type: none"> • MALL OR LARGE DEPARTMENT STORE DOORS • LARGE OFFICE BUILDING DOORS 	2000-5000	Very High	HEAVY-DUTY FLOOR MOUNTED (Contact Technical Sales)
<ul style="list-style-type: none"> • LARGE SIZE STORE OR BANK DOORS • LARGE SCHOOL DOORS • MEDIUM TO LARGE RESTAURANT DOORS • BUSY FAST FOOD RESTAURANT DOORS • BUSY CONVENIENCE STORE DOORS • LARGE THEATER DOORS 	1000-2000	High	FLOOR MOUNTED (Contact Technical Sales) HEAVY-DUTY SURFACE MOUNTED (Contact Technical Sales) HEAVY-DUTY OVERHEAD CONCEALED (Contact Technical Sales)
<ul style="list-style-type: none"> • MEDIUM SIZE STORE OR BANK DOORS • MEDIUM SIZE OFFICE BUILDING DOORS • OFFICE BUILDING RESTROOM DOORS • CORRIDOR DOORS • PUBLIC RESTROOM DOORS • SMALL STORE OR PUBLIC BUILDING DOORS 	100-1000	Medium	FLOOR MOUNTED (see pages 328Z-347Z) SURFACE MOUNTED (see pages 325Z-327Z) OVERHEAD CONCEALED (see pages 303Z-324Z)
<ul style="list-style-type: none"> • SMALL STORE OR OFFICE RESTROOM DOORS • RESIDENTIAL DOORS • CLOSET DOORS 	10-100	Low	SURFACE MOUNTED (see pages 325Z-327Z)

CRL Jackson® Adjustable Spring Power Ultimate Series Overhead Concealed Door Closers

- 1,000 Pound (454 kg) Weight Capacity
- Adjustable Spring Power Multi-Size Range 1-6
- Hold or Non Hold-Open Models Available
- Requires 2-1/2" x 3-5/8" (63 x 92 mm) or Larger Header Extrusion
- 180 Degree Swing
- 10 Year Limited Warranty



NEW!

The CRL Jackson® Ultimate Series Overhead Concealed Door Closer is capable of handling doors weighing up to 1,000 pounds (454 kg). It features an adjustable multi-range spring force range of 1 through 6. These double acting closers are suitable for use on both interior and exterior entry doors where large and heavy doors are commonplace. Mounting hardware and 7/8" (23 mm) length spindle are included.

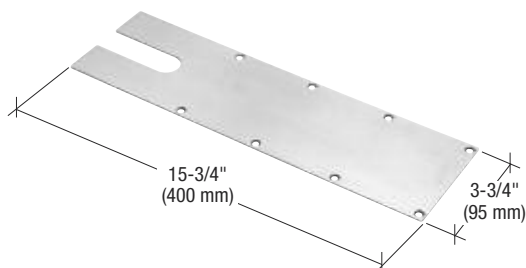
CAT. NO.	TYPE
J1090NH0	180 Degree Swing No Hold-Open
J1093H0	180 Degree Swing Dual Hold-Open at 90 Degrees and 120 Degrees

Minimum order: 1 each. All Push-Pull Signs can be combined for quantity pricing.

CRL Jackson® Ultimate Series Cover Plate

- Cover Plate Used With the J1090NH0 and J1093H0 Closers
- Brushed Stainless Finish

NEW!



CAT. NO. J10CPBS
Minimum order is one each.

CRL Jackson® Heavy-Duty Floor Mounted Pivot Set

NEW!

- Use With J1090NH0 and J1093H0 Ultimate Overhead Concealed Door Closers
- Heavy-Duty 550 Lb. (250 kg) Capacity



The CRL Jackson® Heavy-Duty Floor Pivot features a weight capacity of 550 pounds (250 kg), and is recommended for use with the Cat. No. J1090NH0 and J1093H0 Ultimate Overhead Concealed Door Closers, or any application requiring a heavier weight capacity floor pivot. Minimum order is one each.

CAT. NO. J10FPBS

CRL Jackson® Interchangeable Overhead Concealed Closer Spindle

- Measures 7/8" (23 mm) From Base of Closer Body
- Supplied as Standard Spindle with J1090NH0 and J1093H0 1000 Series Ultimate OHC Door Closers

NEW!



CAT. NO. J10SP23
Minimum order is one each.

CRL Jackson® Replacement Mounting Bracket

NEW!

- Used to Install J1090NH0 and J1093H0 Closers



The CRL J10FB Mounting Bracket is supplied as standard mounting brackets with the CRL Jackson® 1000 Series Ultimate Overhead Concealed Door Closers. Minimum order is one each.

CAT. NO. J10FB

CRL Jackson® Overhead Concealed Door Closers

- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Interchangeable With Similar Brands of Overhead Concealed Door Closers
- For Use With Light to Medium Traffic Doors Weighing Up to 250 Lbs (113 kg)
- Available in Two Fixed Spring Sizes or Adjustable Spring Models
- 5 Year Limited Warranty
- Dual Valve Closing Control - Both Sweep and Latch Speeds are Adjustable
- Hold-Open or No Hold-Open



Adjustable Spring Power



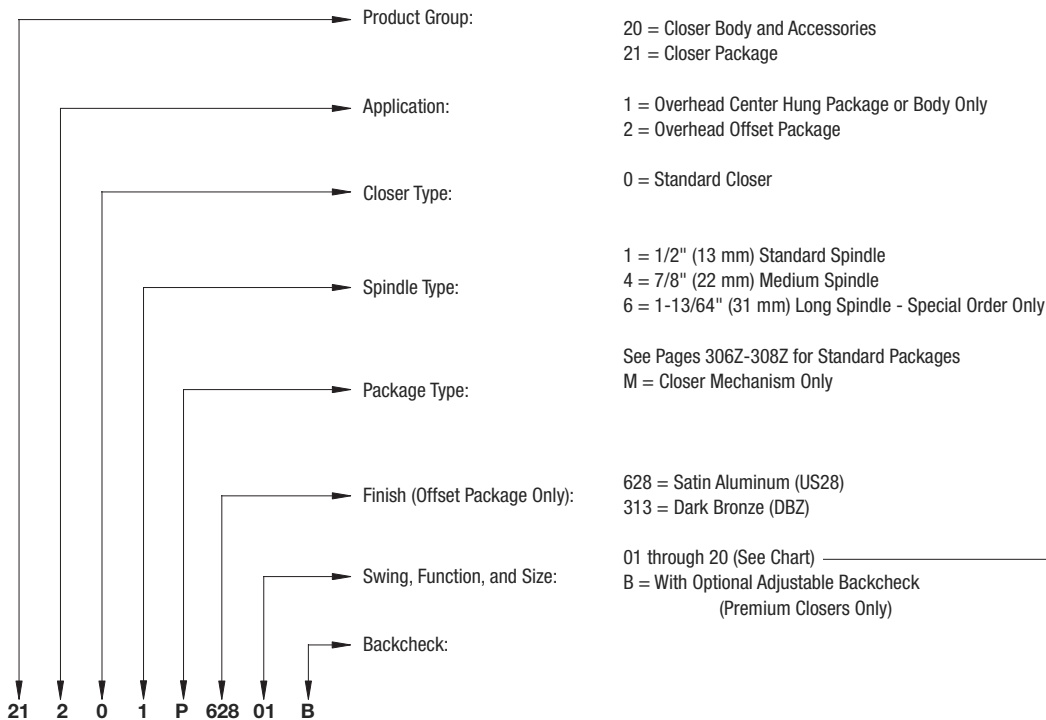
Regular and Heavy Fixed Spring



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 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 two fixed spring sizes or adjustable spring power, making this the ideal closer for aluminum, wood or hollow metal doors and frames.

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
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



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
09	105°	NH	HD
10	105°	HO	HD
11	90°	NH	HD
12	90°	HO	HD
NOTE: Backcheck is not available with ADJ Spring Closer			
17	105°	NH	ADJ
18	105°	HO	ADJ
19	90°	NH	ADJ
20	90°	HO	ADJ

CATALOG NUMBER

21201P62801

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.



A.D.A. Compliance Models Available



This example shows Cat. No. 21201P62801 which is a CRL Jackson® 105 Degree Swing, Regular Spring Size, No Hold-Open Overhead Concealed Closer with the "P" Offset Slide-Arm Hardware Package. Arm finish is Satin Aluminum.

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

304Z

or enter the Catalog Number for complete product information

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



CRL Jackson® Overhead Concealed Door Closers

- Each Closer is Individually Boxed

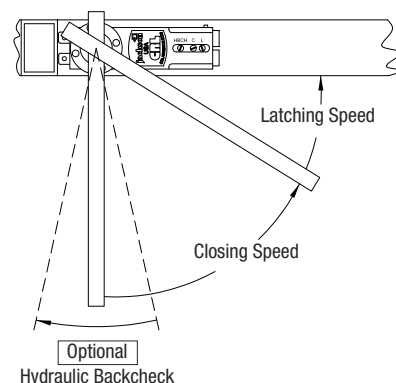


Approximate Opening Force

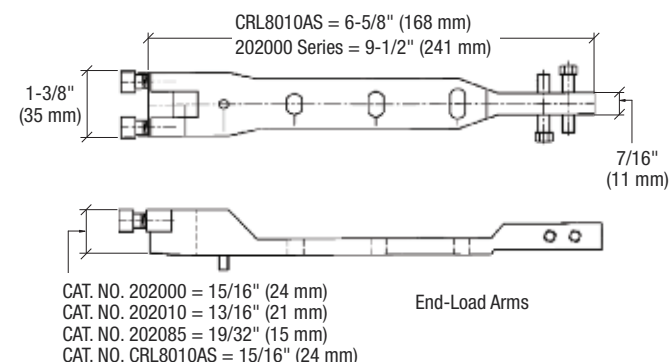
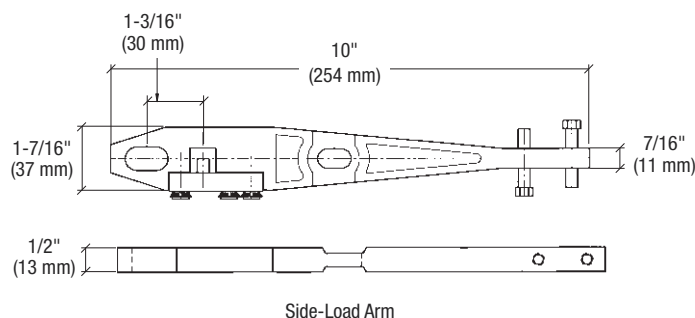
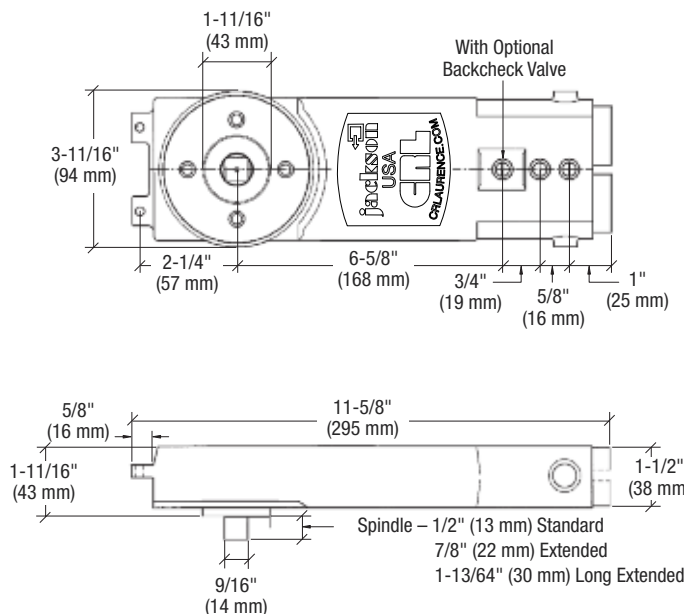
RECOMMENDED FOR LIGHT TO MEDIUM FREQUENCY USE WITH ALUMINUM, WOOD OR METAL DOORS WEIGHING UP TO 250 POUNDS (113 KG) MAXIMUM

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
ADJUSTABLE SPRING	CENTER-HUNG	6-10	4.5-8	4-6	N/A
	OFFSET	8-14	6-12	5.5-10	N/A
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

- NOTE:**
- Closer Force readings are in pound force required to open the specified door width, and are taken at the lock stile.
 - 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.
 - 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.
 - Offset applications will always increase opening force by 2 to 4 pounds due to slide track friction and therefore may not provide A.D.A. opening forces and still allow for adequate spring power to control and close the door.



CRL Jackson® Overhead Closer Dimensions



UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

305Z

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



CRL Jackson® Overhead Concealed Door Closer Side-Load Arm Packages

- For Use on 1-3/4" (44 mm) Aluminum Frame Doors
- 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

These Jackson® Overhead Concealed Door Closers feature dual valves to control closing and latching speeds. 90 and 105 Degree Hold Open and No Hold Open models are available. Door Closers fit into standard 1-3/4" x 4" (45 x 102 mm), or larger, header extrusions.

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.

For all available Jackson® Door Closers, accessories, and product information, visit our web site at crlaurence.com/door-closers.

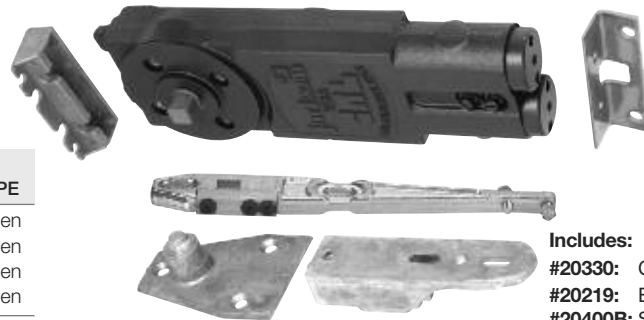


Side-Load "S" Package

- Floor Mount Pivot for 1-1/2" (38 mm) Deep Bottom Rail
- Side-Load Arm for 1/2" (13 mm) Deep Top Rail

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	TYPE
21101S17	21101S01	105° No Hold Open
21101S18	21101S02	105° Hold Open
21101S19	21101S03	90° No Hold Open
21101S20	21101S04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:
#20330: Closer Body
#20219: Brackets
#20400B: Side-Load Arm
#20902: "G" Pivot

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

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	TYPE
21101GE17	21101GE01	105° No Hold Open
21101GE18	21101GE02	105° Hold Open
21101GE19	21101GE03	90° No Hold Open
21101GE20	21101GE04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:
#20330: Closer Body
#20219: Brackets
#20400B: Side-Load Arm
#20944: "GE" Pivot

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

ADJ. SPRING CAT. NO.	REG. SPRING CAT. NO.	TYPE
21101U17	21101U01	105° No Hold Open
21101U18	21101U02	105° Hold Open
21101U19	21101U03	90° No Hold Open
21101U20	21101U04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:
#20330: Closer Body
#201380: Brackets
#20400B: Side-Load Arm
#20944: "U" Pivot

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

306Z

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



CRL Jackson® Overhead Concealed Door Closer End-Load Arm Packages

- For Use on 1-3/4" (44 mm) Aluminum Frame Doors
- 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

These Jackson® Overhead Concealed Door Closers feature dual valves to control closing and latching speeds. 90 and 105 Degree Hold Open and No Hold Open models are available. Door Closers fit into standard 1-3/4" x 4" (45 x 102 mm), or larger, header extrusions.

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.

For all available Jackson® Door Closers, accessories and product information, visit our web site at crlaurence.com/door-closers.



Adjustable Spring Power



Regular Fixed Spring

CRL End-Load "AP" Package

- Combination Floor and Threshold Mount Pivot for 1-9/16" (40 mm) Deep Bottom Rail
- End-Load Arm for 1" (25 mm) Deep Top Rail

ADJ. SPRING CAT. NO.		REG. SPRING CAT. NO.	TYPE
21101AP17		21101AP01	105° No Hold Open
21101AP18		21101AP02	105° Hold Open
21101AP19		21101AP03	90° No Hold Open
21101AP20		21101AP04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:

- #20101 Closer Body
- #20219 Brackets
- #202000 End-Load Arm
- #201685 "UP" Pivot

CRL End-Load "A" Package

- Combination Floor and Threshold Mount Pivot for 1" (25 mm) Deep Bottom Rail
- End-Load Arm for 1" (25 mm) Deep Top Rail

ADJ. SPRING CAT. NO.		REG. SPRING CAT. NO.	TYPE
21101A17		21101A01	105° No Hold Open
21101A18		21101A02	105° Hold Open
21101A19		21101A03	90° No Hold Open
21101A20		21101A04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



Includes:

- #20101 Closer Body
- #20640 Brackets
- #202000 End-Load Arm
- #201680 "BV" Pivot

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

Our Door Pressure Gauge shows the amount of force (pounds or kilograms) required to open doors so you can determine if they meet A.D.A. regulations. An absolutely vital tool if working on doors in facilities requiring full access to disabled persons. It can also be used to determine the amount of rolling force required to open or close patio doors. Minimum order is one each.



CAT. NO. HMC035

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

307Z

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



CRL Jackson® Overhead Concealed Door Closers With Offset Arms and Slide Channel Packages

- For Use on 1-3/4" (44 mm) Aluminum Frame Doors
- Suitable for Doors From 30" to 48" (762 to 1219 mm) Wide
- Designed for Use With 3/4" (19 mm) Offset Pivots or Butt Hinged Doors
- Arm Finish Available in Aluminum and Dark Bronze

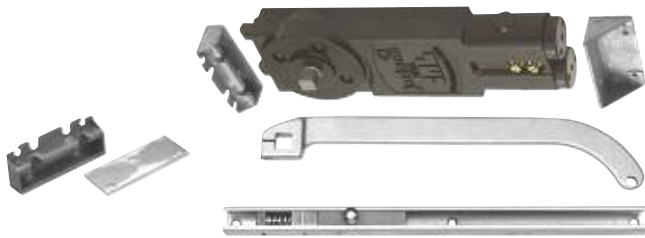
These CRL Jackson® Overhead Concealed Closers with Offset Arms and Slide Channels Hardware Packages consist of a Closer Body, which depending on the selected spring size and function, is suitable for a range of doors from 30" to 48" (762 to 1219 mm) wide. The Closer is packaged complete with Mounting Brackets, Offset Arm Package, Slide Channel, and complete installation instructions. The Closer has dual independent valves for closing operation (one valve for closing, one valve for latching). 90 and 105 Degree Hold-Open and No Hold-Open models are available. Closers fit into standard 1-3/4" x 4" (45 x 102 mm) or larger header extrusions. **NOTE:** Due to the wide variety and styles of doors in use today, CRL Jackson® cannot reference specific packages for use with a particular door. The package needed will depend on door and frame type, dimensions, floor type and application. Packages listed below represent the most popular offset combinations currently used. Package contents can be customized to your specifications, please see page 304Z on how to order all Jackson® 20-330 Overhead Closer models.



For all available Jackson® Door Closers, accessories and product information, visit our web site at crlaurence.com/door-closers.

CRL Offset Arm "U" Package

- For 7/8" (22 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #201381 Mounting Brackets
- #20900LC Offset Arm Package (Aluminum or Dark Bronze) with Slide Channel Assembly

PACKAGE SERIES
21201U

CRL Offset Arm "P" Package

- For 5/8" (16 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #201178 Mounting Brackets
- #201134LC Offset Arm Package (Aluminum or Dark Bronze) with Slide Channel Assembly

PACKAGE SERIES
21201P

CRL Offset Arm "S" Package

- For 7/8" (22 mm) Deep Top Rail



CONTENTS:

- #20330 Closer Body
- #20951 Mounting Brackets
- #20900LC Offset Arm Package (Aluminum or Dark Bronze) with Slide Channel Assembly

PACKAGE SERIES
21201S

CRL Jackson® Dummy Closer Body

- Fluidless Closer for Use as Top Pivot Only



Mounting Clip Set must be ordered separately. See Cat. No. 20219 on page 310Z.

CAT. NO. 20330P
Minimum order: 1 each.

CRL Jackson® Adjustable Spring Power Overhead Concealed Door Closer Body Only

- Suitable for Doors from 30" to 48" (762 to 1219 mm) Wide
- Three Spindle Lengths Available
- Adjustable Spring Power Size 1 (Barrier-Free) to Size 4 (Regular)
- For Use With Light to Medium Traffic Doors Weighing Up to 250 Lbs (113 kg)
- 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.



Body Only - Mounting Clips are not included. See page 310Z.

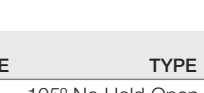
1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	1-13/64" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
20101M17	20104M17	20106M17	Adjustable	105° No Hold Open
20101M18	20104M18	20106M18	Adjustable	105° Hold Open
20101M19	20104M19	20106M19	Adjustable	90° No Hold Open
20101M20	20104M20	20106M20	Adjustable	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

WARNING: 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.

CRL Jackson® Standard Overhead Concealed Door Closer Body Only

- Regular and Heavy 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



Body Only - Mounting Clips are not included. See page 310Z.

1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
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.

- 5 Year Limited Warranty

WARNING: 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.

CRL Jackson® Premium Overhead Concealed Door Closer Body Only With Adjustable Backcheck

- Recommended for High-Frequency Traffic and Heavier Doors
- Adjustable Hydraulic Backcheck
- Regular and Heavy Fixed Springs Sizes Available
- 5 Year Limited Warranty

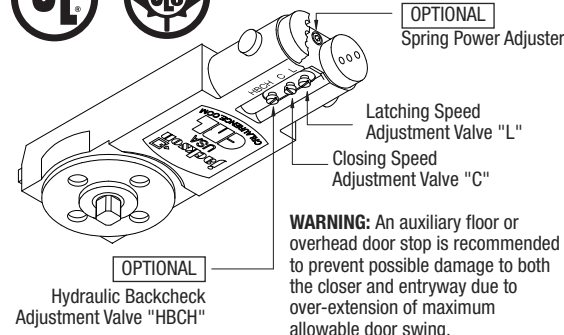


Body Only - Mounting Clips are not included. See page 310Z.

1/2" STANDARD SPINDLE CAT. NO.	7/8" EXTENDED SPINDLE CAT. NO.	SPRING SIZE	TYPE
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	20114M10B	Heavy	105° Hold Open
20111M11B	20114M11B	Heavy	90° No Hold Open
20111M12B	20114M12B	Heavy	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

UL is a registered trademark of UL LLC.



WARNING: 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.

CRL Jackson® Overhead Concealed Door Closer Mounting Accessories



CRL Jackson® 20219 Mounting Clip Set

- Standard for Most Center-Hung Applications



CAT. NO. 20219
Minimum order: 1 each.

CRL Jackson® 201380 Mounting Clip Set

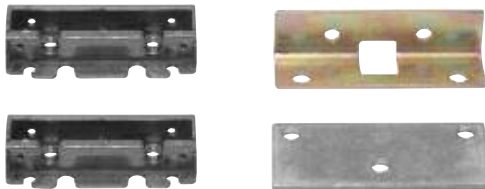
- Used in Center-Hung "U" Package Applications



CAT. NO. 201380
Minimum order: 1 each.

CRL Jackson® 20951 Mounting Clip Set

- Used in Offset "S" Package Applications



CAT. NO. 20951
Minimum order: 1 each.

CRL Jackson® 20640 Mounting Clip Set

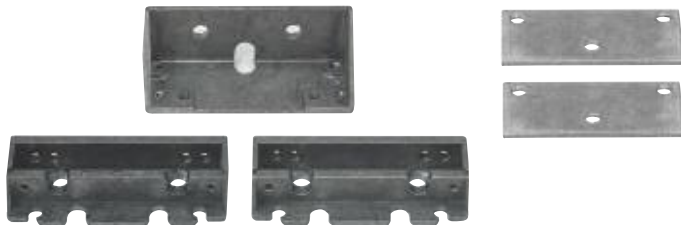
- Used in Center-Hung "A" Package Applications



CAT. NO. 20640
Minimum order: 1 each.

CRL Jackson® 201178 Mounting Clip Set

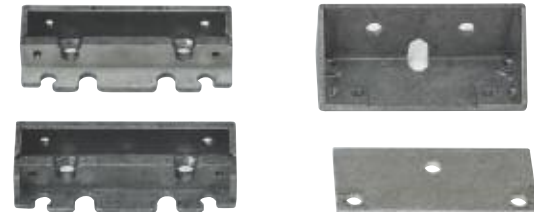
- Used in Offset "P" Package Applications



CAT. NO. 201178
Minimum order: 1 each.

CRL Jackson® 201381 Mounting Clip Set

- Used in Offset "U" Package Applications



CAT. NO. 201381
Minimum order: 1 each.

CRL Jackson® Cover Plates for Overhead Concealed Door Closers

- Available for Two and Three Valve Access



Two Valve Style

Three Valve Style



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	Rounded Corners	Dark Bronze
20190628	203147628	3-11/16" x 13-3/4" (94 x 349 mm)	Satin Aluminum
20190313	203147313	Square Corners	Dark Bronze

Minimum order: 1 each.

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

310Z

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



CRL Jackson® Overhead Concealed Door Closer Accessories

- For Use With Aluminum Framed Doors
- Centering Bolts for Door Alignment



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® "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® Wood Door Side-Load Center-Hung Top Arm Assembly

- 5/8" (16 mm) Depth Mortised Rail
- Mortise Channel Included



CAT. NO. 20510

Minimum order: 1 each.

CRL Jackson® Wood Door End-Load Center-Hung Top Arm Assembly

- 3/4" (19 mm) Depth Mortised Rail
- Mortise Channel Included



CAT. NO. 202090

Minimum order: 1 each.

All Closer Arms can be combined for quantity pricing.

CRL Jackson® Overhead Concealed Door Closer Accessories

- For Use With Aluminum Framed Doors
- Non-Handed



CRL Jackson® Deep Depth Mortise Type Offset Arm and Slide Channel Assembly

- 7/8" (22 mm) Depth Top Rail
- Deep Depth Mortise Type

The Deep Depth Mortise Type Offset Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide-track requires a minimum top rail depth of 7/8" (22 mm) to be mortised into the door.



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

The shallow depth Offset Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide track requires a minimum top rail depth of 5/8" (16 mm) to be mortised into the the door.



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

The shallow depth Offset Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The arm provides for enhanced pre-load. The slide track requires a minimum top rail depth of 5/8" (16 mm) to be mortised into the door.



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 Jackson® Offset Arm Assembly Covers

- Handed – Not Reversible
- Available in Two Finishes



Left Hand



Right Hand

- Fit All Arm Assemblies Shown Above

These Offset Arm Assembly Covers provide protection to the arm assembly and enhance the aesthetics of the installation.

Dimensions:

W = 2" (51 mm)
H = 7/8" (22 mm)
L = 42-1/4" (1073 mm)

CAT. NO.	HANDING	FINISH
20106628	Left Hand	Aluminum
20106313	Left hand	Dark Bronze
20117628	Right Hand	Aluminum
20117313	Right Hand	Dark Bronze

Minimum order: 1 each. All Arm Covers can be combined for quantity pricing.

CRL Jackson® Overhead Concealed Door Closer Accessories

CRL Pivot Sets for Side-Load Applications

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



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



CAT. NO. 20944

Minimum order: 1 each.

CRL Jackson® Type "BE" Threshold Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail



CAT. NO. 201155

Minimum order: 1 each.

CRL Pivot Sets for End-Load Applications

CRL Jackson® Heavy-Duty Floor Mounted Pivot Set

- Use With J1090NH0 and J1093H0 Ultimate Overhead Concealed Door Closers
- Heavy-Duty 550 Lb. (250 kg) Capacity



NEW!

CAT. NO. J10FPBS

Minimum order: 1 each.

CRL Jackson® Type "BV" Combination Mount Pivot Set

- For Use With 1" (25 mm) Deep Bottom Rail
- Floor and Threshold Mount



CAT. NO. 201680

Minimum order: 1 each.

CRL Jackson® Type "UP" Combination Mount Pivot Set

- For Use With 1-9/16" (40 mm) Deep Bottom Rail
- Floor and Threshold Mount



CAT. NO. 201685

Minimum order: 1 each.

Recommended Maximum Weight Capacity: 550 pounds (250 kg)

Recommended Maximum Weight Capacity: 175 pounds (79 kg)

Recommended Maximum Weight Capacity: 175 pounds (79 kg)

All Bottom Pivots 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 the CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can e-mail us at glazing@crlaurence.com.

- Interchangeable With All Jackson® Style Overhead Concealed Door Closers
- For Light to Medium Traffic
- Available in Five Spring Sizes, Including Adjustable Spring Power, and A.D.A. Models
- 5 Year Limited Warranty



A.D.A. Compliance
Models Available

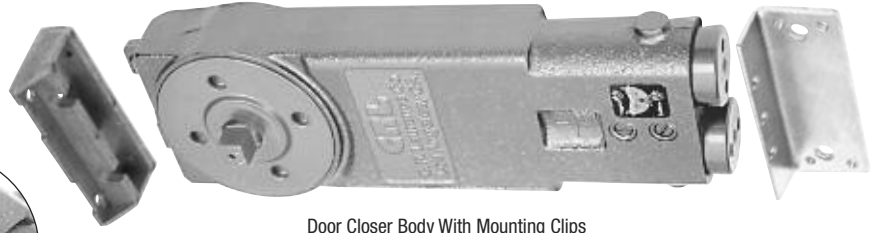
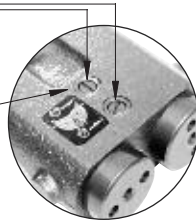


Independent Adjustment Valves

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.



Door Closer Body With Mounting Clips



*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.

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	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)

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.

Approximate Opening Force

RECOMMENDED FOR LIGHT TO MEDIUM FREQUENCY USE WITH ALUMINUM, WOOD OR METAL DOORS WEIGHING UP TO 200 POUNDS (91 KG) MAXIMUM

CLOSER SPRING SIZE		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
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.
 4. Offset applications will always increase opening force by 2 to 4 pounds due to slide track friction and therefore may not A.D.A. opening forces and still allow for adequate spring power to control and close the door.

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

314Z

or enter the Catalog Number for complete product information

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



CRL Overhead Concealed Door Closer Packages

- For Use on 1-3/4" (44 mm) Aluminum Frame Doors
- Suitable for Doors from 30" to 48" (762 to 1219 mm) Wide
- Interchangeable With All Jackson® Style Overhead Concealed Door Closers
- 5 Year Limited Warranty
- A.D.A. Compliant Models Available



A.D.A. Compliance
Models Available



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

Includes: Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010DP Pivot



ADJ. SPRING CAT. NO.	MED. SPRING CAT. NO.	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

Includes: Closer Body
#CRL8010FS Brackets
#CRL8010S Side-Load Arm
#CRL8010GE "GE" Pivot



ADJ. SPRING CAT. NO.	MED. SPRING CAT. NO.	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

Includes: Closer Body
#CRL8010FS Brackets
#CRL8010A End-Load Arm
#CRL8010DP Pivot



ADJ. SPRING CAT. NO.	MED. SPRING CAT. NO.	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.

UL is a registered trademark of UL LLC.

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



Our Door Pressure Gauge shows the amount of force (pounds or kilograms) required to open doors so you can determine if the door meets A.D.A. regulations. An absolutely vital tool if working on doors in facilities requiring full access to disabled persons. It can also be used to determine the amount of rolling force required to open or close patio doors. Range is from 0 to 35 pounds (0 to 15.9 kg). Minimum order is one each.

CAT. NO. HMC035

CRL Overhead Concealed Door Closer Bodies With Mounting Clips

- Interchangeable With All Jackson® Style Overhead Concealed Door Closers
- 20 Models Available
- 5 Year Limited Warranty
- UL Listed
- For Doors Weighing Under 200 Pounds (91 kg)



A.D.A. Compliance
Models Available



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
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

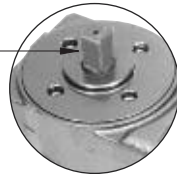


A.D.A. Compliance
Models Available



Extended Length Spindle

3/4" (19 mm) Length Spindle for use with Patch Fittings and Door Rail Hardware or when extra reach is needed.



Door Closer Body with Mounting Clips

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	8.5 Lb.	105° Hold Open
CRL9972	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.

UL is a registered trademark of UL LLC.

- 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
- For Doors Weighing Under 200 Pounds (91 kg)



See Our Complete Patch Fitting Selection on Pages 193Z-231Z



*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 Replacement Overhead Concealed Door Closers for Original Kawneer® Husky®

- Spindle Set in the Diamond Position at 0 Degrees
- Replace Existing Pre-1998 Original Kawneer® Husky® Closers
- 5 Year Limited Warranty
- UL Listed

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 exterior door applications. A diamond pattern End-Load Center-Hung Replacement Arm, Cat. No. CRL8010H (below), is also available.

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.



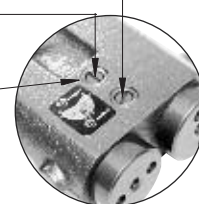
Door Closer Body Only

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.



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	8.5 Lb.	36" to 48" (914 to 1219 mm)

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

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.

Kawneer and Husky are registered trademarks of Kawneer Company, Inc. UL is a registered trademark of UL LLC.

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.

CRL Overhead Concealed Door Closer Accessories

All Closer Arms can be combined
for quantity pricing.

CRL Short End-Load Center-Hung Top Arm Assembly

- Designed to Fit CRL Wedge-Lock® Door Rails

Short End-Load Top Arms are specially designed to fit the CRL Wedge-Lock® Door Rail System. This Arm simply bolts to the pre-installed slide-block on the top rail, and can be adjusted to help center the door once the Arm is attached to the closer. Minimum order is one each.



CAT. NO. CRL8010AS

CRL "A" Type End-Load Center-Hung Top Arm Assembly

- 1" (25 mm) Depth Top Rail

"A" Type End-Load Top Arms have no in or out adjustment. The two bolts in the end of the Arm adjust the centering of the door. Used in 1" (25 mm) depth top rails with an opening at the end of the rail. Minimum order is one each.



CAT. NO. CRL8010A

CRL "PT" Type End-Load Center-Hung Top Arm Assembly

- 7/8" (22 mm) Depth Top Rail

"PT" Type End-Load Top Arms have no in or out adjustment. The two bolts in the end of the Arm adjust the centering of the door. Used in 7/8" (22 mm) depth top rails with an opening at the end of the rail. Minimum order is one each.



CAT. NO. CRL8010PT

CRL "K" Type End-Load Center-Hung Top Arm Assembly

- 5/8" (16 mm) Depth Top Rail

"K" Type End-Load Top Arms have no in or out adjustment. The two bolts in the end of the Arm adjust the centering of the door. Used in 5/8" (16 mm) depth top rails with an opening at the end of the rail. Minimum order is one each.



CAT. NO. CRL8010K

CRL "S" Type Side-Load Center-Hung Top Arm Assembly

- 1/2" (12 mm) Depth Top Rail

"S" Type Adjustable Side-Load Top Arms have an adjusting screw at the end of the Arm to allow the door to be adjusted in or out to match the jambs. The two bolts in the other end of the Arm adjust the centering of the door. Used in 1/2" (12 mm) depth top rails with a notch in the side. Minimum order is one each.



CAT. NO. CRL8010S

CRL Replacement Hardware

- Fits End-Load Center-Hung Arms



CAT. NO.	DESCRIPTION
ELB2	End-Load Arm Block With Two Screws
ELS1	Screws and Lock Washers Only – Two Per Package

Minimum order: 1 each.

CRL Replacement Hardware

- Fits Side-Load Center-Hung Arms



CAT. NO.	DESCRIPTION
CRL8010SCP	Side-Load Arm Cover Plate
SLB3	Side-Load Arm Block With Three Screws
SLS1	Screws and Lock Washers Only – Three Per Package

Minimum order: 1 each.

CRL Overhead Concealed Door Closer Accessories

All Mounting Clip Sets can be combined for quantity pricing.

CRL "J0" Type Offset Arm Assembly

- 7/8" (22 mm) Depth Top Rail
- Deep Mortise Type



Replacement Vinyl Slide Block Cat. No. J0SB



The "J0" Type Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide-track requires a minimum top rail depth of 7/8" (22 mm) to be mortised into the door. For a replacement Vinyl Slide Block order Cat. No. J0SB.

CAT. NO.	FINISH
CRL8010J0XAL	Painted Aluminum
CRL8010J0XBRZ	Painted Dark Bronze
J0SB	Replacement Vinyl Slide Block

Minimum order: 1 each. All Door Closer Arms can be combined for quantity pricing.

CRL "V0" Type Offset Arm Assembly

- 9/16" (14 mm) Depth Top Rail
- Shallow Mortise Type



Replacement Vinyl Slide Block Cat. No. V0SB



The "V0" Type Arm Assembly includes a slide-track, offset arm, and all mounting hardware. The slide-track requires a minimum top rail depth of 9/16" (14 mm) for shallow mortise installation. For a replacement Vinyl Slide Block order Cat. No. V0SB.

CAT. NO.	FINISH
CRL8020V0XAL	Painted Aluminum
CRL8020V0XBRZ	Painted Dark Bronze
V0SB	Replacement Vinyl Slide Block

Minimum order: 1 each.

CRL Standard Mounting Clip Set



This Mounting Clip Set is the standard set supplied with all CRL Overhead Concealed Door Closers. Minimum order is one each.

CAT. NO. CRL8010FS

CRL Optional Mounting Clip Set



This Mounting Clip Set is used on Kawneer® Doors, and with the CRL8010CP Cover Plate. Minimum order is one each.

CAT. NO. CRL8010FK

CRL Optional Mounting Clip Set



This Mounting Clip Set is commonly used with Arch Aluminum type installations. Minimum order is one each.

CAT. NO. CRL8010FA

CRL Optional Adjustable Mounting Clip

- Fits All CRL Style Overhead Concealed Closers



This Adjustable Mounting Clip allows the door closer to be adjusted within the header to help center the door. Minimum order is one each.

CAT. NO. CANBRKT

CRL Optional Mounting Clip Set



This Mounting Clip Set is commonly used with U.S. Aluminum type installations. Minimum order is one each.

CAT. NO. CRL8010FU

CRL Cover Plate for Overhead Concealed Door Closers

This Cover Plate is designed for use with aluminum headers. Spindle and valve access holes are pre-fabricated. Requires Cat. No. CRL8010FK Mounting Clip Set (see above) to attach. Minimum order is one each.



CAT. NO.	FINISH
CRL8010CPAL	Aluminum
CRL8010CPDU	Dark Bronze

Minimum order: 1 each.

Kawneer® is a registered trademark of Alcoa Inc., and its subsidiaries and affiliates.

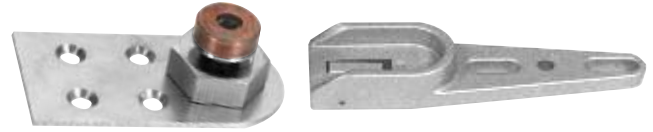
CRL Center-Hung Floor Mounted Bottom Pivots

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

This Door-On Adjustable Bottom Pivot Set is intended for use with bottom door rails with a minimum of 1" (25 mm) depth. This Pivot allows the door clearance to be adjusted from 1/4" to 1/2" (6 to 12 mm) with the door installed. Minimum order is one each.

Recommended Maximum Weight Capacity: 200 pounds (91 kg)



CAT. NO. CRL8010ADJ

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

This Adjustable Dual-Purpose Bottom Pivot Set is for use with 1" (25 mm) deep bottom door rail applications, and is the standard Bottom Pivot Set supplied with our "S" and "A" Type Door Closer packages. It 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 door on or off the pivot. Minimum order is one each.

Recommended Maximum Weight Capacity: 200 pounds (91 kg)



CAT. NO. CRL8010DP

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

This Heavy-Duty Adjustable Dual-Purpose Pivot Set is for use with 1" (25 mm) deep bottom door rail applications, and can be used in place of the standard Bottom Pivot Set. The solid steel base plate has additional mounting holes to support heavier doors with higher traffic. A 3/16" (5 mm) height adjustment is possible with the door on or off the pivot. Minimum order is one each.

Recommended Maximum Weight Capacity: 200 pounds (91 kg)



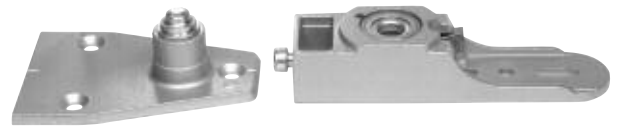
CAT. NO. CRL8010HDP

CRL Adjustable Side-Load Floor Mount Bottom Pivot Set

- "G" Type for Use With Side-Load Arms
- 3/16" (5 mm) Height Adjustment

This Adjustable Bottom Pivot Set is for use with 1-1/2" (38 mm) deep bottom door rail applications. A 3/16" (5 mm) height adjustment is possible with the door installed, and requires an adjustment hole in the end of the door. Minimum order is one each.

Recommended Maximum Weight Capacity: 150 pounds (68 kg)



CAT. NO. CRL8010G

CRL Adjustable Side-Load Threshold Mount Bottom Pivot Set

- "GE" Type for Use With Side-Load Arms
- 3/16" (5 mm) Height Adjustment

This Adjustable Bottom Pivot Set is for use with 1-1/2" (38 mm) deep bottom door rail applications. It mounts to the threshold and is intended for use with side-load applications. A 3/16" (5 mm) height adjustment is possible with the door installed, and requires an adjustment hole in the end of the door. Minimum order is one each.

Recommended Maximum Weight Capacity: 150 pounds (68 kg)



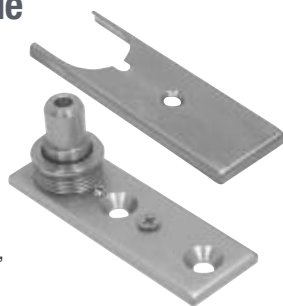
CAT. NO. CRL8010GE

CRL Center-Hung Floor Mounted Bottom Pivots

CRL Floor Mount Adjustable Free-Swinging Pivot

- 220 Pound (100 kg) Capacity
- 3/16" (5 mm) Height Adjustment

This CRL Adjustable Threshold or Floor Mounted Bottom Free-Swinging Pivot provides a 3/16" (5 mm) height adjustment, and is ideal for use with our PH10C, PH11C, and EUR410 Bottom Door Patch Fittings. Minimum order is one each.



CAT. NO. 1NT403

CRL Floor Mount Free-Swinging Pivot

- 7/8" (22 mm) Flat Tapered Spindle
- 440 Pound (200 kg) Capacity

CRL Floor Mounted Free-Swinging Pivot with 7/8" (22 mm) flat tapered type spindle for use with CRL Patch and Door Rail Systems. Minimum order is one each.

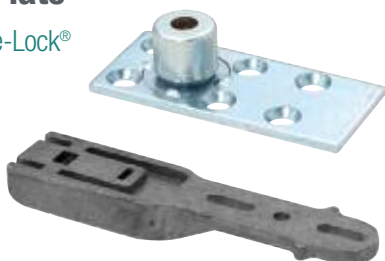


CAT. NO. 1NT402

CRL Complete Heavy-Duty Bottom Pivot With Plate

- Designed to Fit CRL Wedge-Lock® Door Rails

This Heavy-Duty Floor Mounted Bottom Pivot With Plate is designed to be used with CRL Wedge-Lock® Door Rail Systems. Minimum order is one each.



CAT. NO. CRL8010BP

CRL Heavy-Duty Free-Swinging Bottom Pivot Set

- Designed to Fit CRL Wedge-Lock® Door Rails

This Heavy-Duty Bottom Pivot Set is specially designed to fit CRL Wedge-Lock® Door Rails. Minimum order is one each.



CAT. NO. CRL8010SET



Works with CRL8010TBP
Sold Separately
(see below)

CRL Floor Mount Adjustable Free-Swinging Pivot

- Works With 1NT305L/R Bottom Patch Inserts (See Page 230Z)
- 3/16" (5 mm) Height Adjustment

This CRL Adjustable Floor Mounted Bottom Free-Swinging Pivot provides a 3/16" (5 mm) height adjustment.



CAT. NO.

1NT407BS
1NT407PS

FINISH

Brushed Stainless
Polished Stainless

Minimum order: 1 each.

CRL Threshold Base Plate

- For Use With CRL8010SET Bottom Pivot
- Allows the Use of a 1/2" (12.7 mm) High Threshold

This Threshold Base Plate is designed to support the door weight when used with our Cat. No. CRL8010SET Heavy-Duty Free-Swinging Bottom Pivot Set. The Base Plate mounts to the floor, and allows the use of a 1/2" (13 mm) high threshold. Minimum order is one each.



CAT. NO. CRL8010TBP

CRL Floor Mount Adjustable Free-Swinging Pivots

- Two Models Available
- 220 Pound (100 kg) Capacity

These Adjustable Bottom Pivots require a 7/8" to 1" (22 to 25.4 mm) diameter hole. Spindles provide 1/4" (6 mm) height adjustment. Ideal for use with our Patch and Door Rail Systems. Minimum order is one each.



CAT. NO. 1NT404
"MAB" Square Tapered

CAT. NO. 1NT406
Flat Tapered

CRL Automatic Door Bottom Pivot

- Allows Doors to Swing Free

This is a 1" (25 mm) diameter Center-Hung Type Pivot used with Dor-O-Matic® type automatic doors to allow a door to swing free. Minimum order is one each.



CAT. NO. CRL8010DBP

Dorma® RTS88 Series Overhead Concealed Door Closers

dormakaba

- 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 Manufacturer's Warranty



Regular Spindle Models



Extended Spindle Models

The Dorma® RTS88 Series Overhead Concealed Closers are designed to fit into a 1-3/4" x 4" (44 x 102 mm) header for aluminum frames. The closer is capable of accommodating doors weighing up to a maximum of 250 pounds (113 kg) with exterior doors up to 42" (1067 mm) in width and interior doors up to 48" (1219 mm) in width.

The non-handed, double-acting closer is available in 90 degree or 105 degree swing models with hold or no hold open functions. Sweep and latch closing speeds are controlled by two independent, non-critical temperature compensating valves. Available in both standard and extended spindle lengths to accommodate most door types.

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.	DEGREE	SPRING SIZE	DOOR SIZE
RTS88105H0BF1	RTS88105NH0BF1	RTS88105XH0BF1	RTS88105XNHBF1	105°	BF1	A.D.A. 5 lb. Max. at 36" Door
RTS88105H0BFE	RTS88105NH0BFE	RTS88105XH0BFE	RTS88105XNHBFE	105°	BFE	8.5 lb. Max. at 36" Door
RTS8890H03	RTS8890NH03	RTS8890XH03	RTS8890XNH03	90°	3	Ext: 30" to 36" – Int: 36" to 42"
RTS88105H03	RTS88105NH03	RTS88105XH03	RTS88105XNH03	105°	3	Ext: 30" to 36" – Int: 36" to 42"
RTS8890H04	RTS8890NH04	---	---	90°	4	Ext: 36" to 42" – Int: 42" to 48"
RTS88105H04	RTS88105NH04	---	---	105°	4	Ext: 36" to 42" – Int: 42" to 48"

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

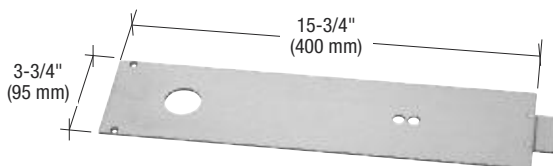


Although Dorma® RTS88 BF1 / BFE Series Closers comply with barrier-free A.D.A. specified opening forces, they may not provide adequate spring power to control and close the door due to varying site conditions and door size.

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.

Dorma® RTS Series Cover Plates

The Dorma® Cover Plate is designed for use with aluminum type headers and fits the RTS Series Overhead Concealed Closers. Spindle and valve access holes are pre-fabricated.



CAT. NO.	FINISH
RTS8563AL	Aluminum
RTS8563DU	Dark Bronze

Minimum order: 1 each

Dorma® RTS Offset Arm and Slide Channel



This Dorma® RTS Offset Arm and Slide Channel Set is intended for use with 3/4" (19 mm) deep top rails. The non-handed assembly includes a slide-track, offset arm and all mounting hardware. It is used with aluminum, steel or wood doors, hung on 3/4" (19 mm) offset pivots or 4-1/2" (114 mm) wide butt hinges. Requires a minimum 3/4" (19 mm) top door rail depth. Minimum order is one each.

CAT. NO. RTS8812

Dorma and dormakaba are registered trademarks of dormakaba International Holding AG Aktiengesellschaft (AG) Joint Stock Company.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

322Z

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

CRL
ALUMINUM

LCN® 2030 Series Single Acting 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" (1.37 m)
- Handed for Single Sliding Acting Offset Applications
- Barrier-Free Models to Meet A.D.A. Requirements
- Certified ANSI A156.4, Grade 1
- UL and ULC Listed for Self Closing Doors Without Hold-Open
- 15 Year Limited Manufacturer's Warranty



LCN



LCN® specializes in solving door control problems through the use of high quality, innovative door control products. By adhering to high standards of performance, LCN® has earned a leadership role within the industry and is committed to providing some of the best door closers in the world. The 2030 Series is a heavy-duty concealed door closer designed for offset applications with a single lever arm and roller track assembly to provide a smooth, quiet door control. For additional information, contact CRL Door and Window Department at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7520. You can also visit our web site at crlaurence.com/door-closers.



*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.

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.

2030 SERIES OVERHEAD CONCEALED DOOR CLOSERS

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	PAINTED 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.

LCN® Hold-Open Clip

NEW!

- Mounts in Track to Provide Hold-Open Function
- Hold-Open Point Controlled by Clip Location
- Requires Use of 20303034H Hold-Open Track Roller (see below)



CAT. NO. 20303054N

Minimum order: 1 each.

NOTE: Fits Tracks Manufactured After 2/8/2016.

LCN® Track Bumper

NEW!

- Mounts in Track to Assist With Backcheck
- Limits Maximum Opening
- Does Not Replace Auxiliary Stop



CAT. NO. 2030169N

Minimum order: 1 each.

NOTE: Fits Tracks Manufactured After 2/8/2016.

LCN® Hold-Open Track Roller

NEW!

- Required With 20303054N Hold-Open Clip (see above)
- Replacement for Use With LCN® 2030 Hold-Open Track Assembly



CAT. NO. 20303034H

Minimum order: 1 each.

LCN® Non Hold-Open Track Roller

- Quiet, Low Friction Roller Assembly
- Replacement for Use With LCN® 2030 Hold-Open Track Assembly



CAT. NO. 20303034

Minimum order: 1 each.

LCN is a registered trademark of Ingersoll Rand plc, its subsidiaries and/or affiliates in the United States and other countries. UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

323Z

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

CRL
US ALUMINUM

LCN® 6030 Series Double Acting Overhead Concealed Door Closers

LCN

- 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" (1.37 m)
- Non Handed for Double Acting Center-Hung Applications
- Models to Meet A.D.A. Barrier-Free Requirements
- Certified ANSI A156.4, Grade 1
- UL and C-UL Listed for Self Closing Doors Without Hold-Open
- 15 Year Limited Manufacturer's Warranty

NEW!



The LCN® 6030 Series is a heavy-duty concealed door closer designed for double acting center-hung applications with a single lever arm and roller track assembly to provide a smooth, quiet door control. A 7255SET Center-Hung Pivot is required and must be ordered separately (see page 476Z). For additional information, contact the CRL Door and Window Department at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7520. You can also visit our web site at crlaurence.com/door-closers.

Model 7255SET
Center-Hung Pivot
Sold Separately
See Page 476Z.



*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.

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.

6030 SERIES OVERHEAD CONCEALED DOOR CLOSERS

LEFT HAND CAT. NO.	PAINTED FINISH	SPRING SIZE	CLOSER DESCRIPTION
6031AL	Aluminum	1	*A.D.A. 5 lb. Max. at 36" Door
6031DU	Dark Bronze	1	*A.D.A. 5 lb. Max. at 36" Door
6033AL	Aluminum	3	Ext: to 34" (864 mm) – Int: 34" to 38" (864 to 965 mm)
6033DU	Dark Bronze	3	Ext: to 34" (864 mm) – Int: 34" to 38" (864 to 965 mm)
6034AL	Aluminum	4	Ext: 34" to 36" (864 to 914 mm) – Int: 38" to 48" (965 to 1219 mm)
6034DU	Dark Bronze	4	Ext: 34" to 36" (864 to 914 mm) – Int: 38" to 48" (965 to 1219 mm)
6035AL	Aluminum	5	Ext: 36" to 42" (914 to 1067 mm) – Int: 48" to 54" (1219 to 1372 mm)
6035DU	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.

LCN® Hold-Open Clip

NEW!

- Mounts in Track to Provide Hold-Open Function
- Hold-Open Point Controlled by Clip Location
- Requires Use of 60303034H Hold-Open Track Roller (See Below)



CAT. NO. 60303054
Minimum order: 1 each.

LCN® Track Bumper

NEW!

- Mounts in Track to Assist With Backcheck
- Limits Maximum Opening



CAT. NO. 6030169
Minimum order: 1 each.

NOTE: Track Bumper does not replace auxiliary stop.

LCN® Hold-Open Track Roller

NEW!

- Required to be Used With 60303054 Hold-Open Clip (See Above)



CAT. NO. 60303034H
Minimum order: 1 each.

LCN® Track Roller

NEW!

- Quiet, Low Friction Roller Assembly



CAT. NO. 60303034
Minimum order: 1 each.

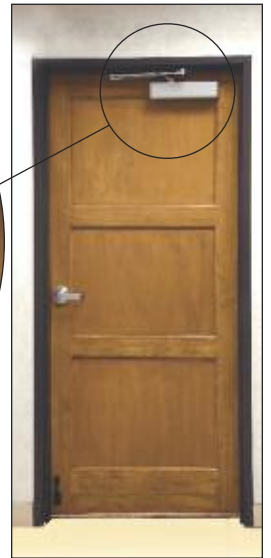
LCN is a registered trademark of Ingersoll Rand plc, its subsidiaries and/or affiliates in the United States and other countries.
UL is a registered trademark of UL LLC.

CRL Surface Mounted Door Closers

- The Glazing Industry's Largest Selection
- Single Fixed Size and Multi-Size Models
- Housings in Up to Four Finishes
- Independently Adjustable Closing and Latching Speeds

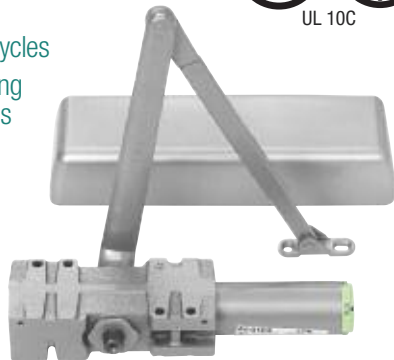
CRL presents the glazing industry's largest selection of quality Surface Mounted Door Closers and accessories. Available in both single size fixed and multi-size adjustable spring power, barrier-free, and delayed action models. All Closers are supplied with adjustable backcheck, and both the closing and latching speeds are independently adjustable.

CRL Surface Mounted Door Closers are available in Satin Aluminum and Bronze finishes, with some also available in Bright Gold or Chrome. Parallel Arm Brackets and mounting hardware are included with each Closers, permitting universal installation for regular, top jamb or parallel arm applications. Optional accessories, such as Drop Plates and Hold-Open Arms, are available for special installations. The entire selection can be viewed in our Online Catalog at crlaurence.com/door-closers.



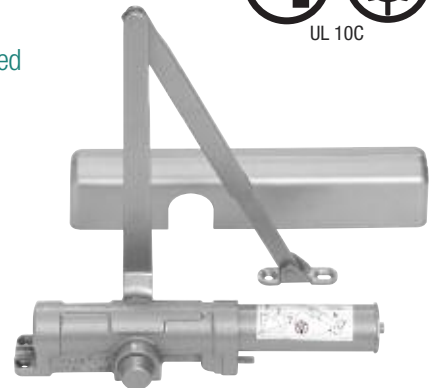
LCN® 4040XP Series

- 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
- Ten Year Limited Manufacturer's Warranty



LCN® 1460 Series

- 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
- Ten Year Limited Manufacturer's Warranty



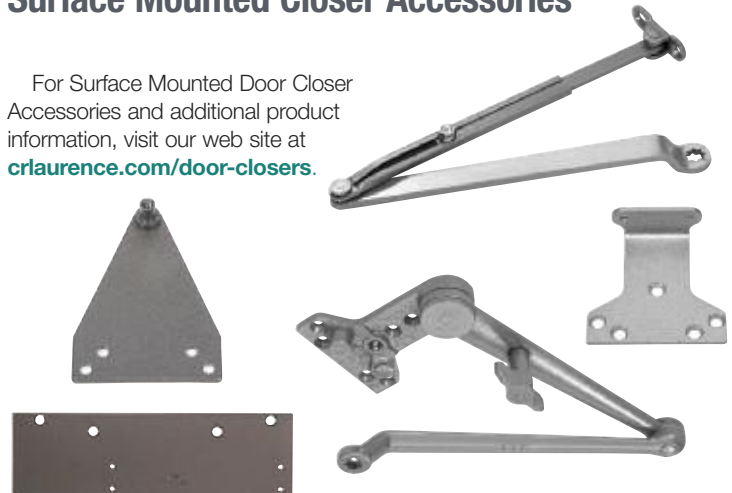
Norton® 5700-Leo® Low Energy Power Door Operator

- 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
- UL Listed
- Two Year Limited Manufacturer's Warranty



Surface Mounted Closer Accessories

For Surface Mounted Door Closer Accessories and additional product information, visit our web site at crlaurence.com/door-closers.



LCN is registered trademark of Allegion plc.
Norton and LEO are registered trademarks of Yale Security Inc., an ASSA ABLOY Group Company.
UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

325Z

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

CRL
US ALUMINUM

CRL Jackson® Surface Mounted Door Closers



DC50 Series Surface Mounted Door Closers

- Models in Spring Sizes 1 Through 5
- Suitable for Doors From 33 to 264 Pounds (15 to 120 kg)
- Models Engineered for Residential and Commercial Use

CAT. NO.	SPRING SIZE	CLOSER DESCRIPTION	FINISH
DC51A	1	Light Commercial/Residential	Aluminum
DC51BRZ	1	Light Commercial/Residential	Dark Bronze
DC52A	2	Light-Duty	Aluminum
DC52BRZ	2	Light-Duty	Dark Bronze
DC53A	3	Standard-Duty	Aluminum
DC53BRZ	3	Standard Duty	Dark Bronze
DC54A	4	Standard Duty	Aluminum
DC54BRZ	4	Standard Duty	Dark Bronze
DC55A	5	Heavy-Duty Commercial	Aluminum
DC55BRZ	5	Heavy-Duty Commercial	Dark Bronze

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



PR80 Series Adjustable Spring Power Surface Mounted Door Closers

- Multi-Size Adjustable Models Ranging From Spring Sizes 1 to 4 or 2 to 5
- Suitable for Doors From 33 to 264 Pounds (15 to 120 kg)
- Barrier-Free Models to Meet A.D.A. Barrier-Free Requirements



PR82 Model Only

CAT. NO.	SPRING SIZE	CLOSER DESCRIPTION	FINISH
PR80A	2-5	Adjustable	Aluminum
PR80DU	2-5	Adjustable	Dark Bronze
PR82BFA	1-4	Barrier-Free/Adjustable	Aluminum
PR82BFDU	1-4	Barrier-Free/Adjustable	Dark Bronze

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Mounting accessories for all CRL Surface Mounted Door Closers are available for viewing or order through crlaurence.com/door-closers.



PR70 Series Adjustable Spring Power Surface Mounted Door Closers

- Available in Four Finishes
- Multi-Size Adjustable Models Ranging From Spring Sizes 1/2 to 4 or 2 to 6
- Suitable for Doors From 22 to 330 Pounds (10 to 150 kg)
- Barrier-Free and Delayed Action Models to Meet A.D.A. Barrier-Free Requirements



PR70 and PR72 Models Only

CAT. NO.	SPRING SIZE	CLOSER DESCRIPTION	FINISH
PR70BFA	1/2-4	Barrier-Free/Adjustable	Aluminum
PR70BFDU	1/2-4	Barrier-Free/Adjustable	Dark Bronze
PR70BFBG	1/2-4	Barrier-Free/Adjustable	Bright Gold
PR70BFCH	1/2-4	Barrier-Free/Adjustable	Bright Chrome
PR72DAA	1/2-4	Delayed Action/Adjustable	Aluminum
PR72DADU	1/2-4	Delayed Action/Adjustable	Dark Bronze
PR72DABG	1/2-4	Delayed Action/Adjustable	Bright Gold
PR72DACH	1/2-4	Delayed Action/Adjustable	Bright Chrome
PR74BCA	2-6	Adjustable	Aluminum
PR74BCDU	2-6	Adjustable	Dark Bronze
PR76DAA	2-6	Delayed Action/Adjustable	Aluminum
PR76DADU	2-6	Delayed Action/Adjustable	Dark Bronze

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Each Closer is conveniently packaged with instructions and a mounting template.

Need More Info? Full details and specifications for all CRL Jackson® brand Door Closers can be seen at crlaurence.com/door-closers. Enter the Part Number into the Search Box to view complete details.

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

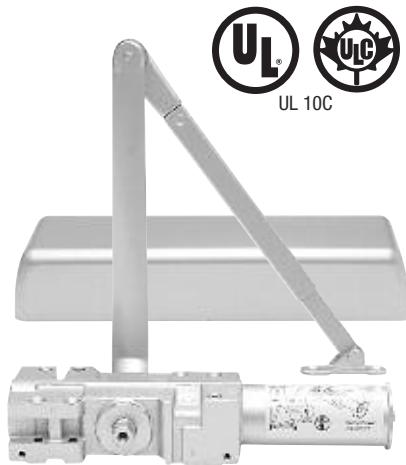
or enter the Catalog Number for complete product information

326Z

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



CRL Jackson® Surface Mounted Door Closers



PR90 Series ANSI Grade 1 Adjustable Spring Power Surface Mounted Door Closers

- ANSI A156.4 Grade 1 Multi-Size Adjustable Models Ranging From Spring Sizes 1 Through 6
- Suitable for Doors From 33 to 330 Pounds (15 to 150 kg)
- Durable Cast Iron Body



PR90 and PR92 Model Only

CAT. NO.	SPRING SIZE		CLOSER DESCRIPTION	FINISH
PR90A	1-6		Barrier-Free/Adjustable	Aluminum
PR90DU	1-6		Barrier-Free/Adjustable	Dark Bronze
PR92DAA	1-6		Delayed Action/Adjustable	Aluminum
PR92DADU	1-6		Delayed Action/Adjustable	Dark Bronze

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



PR40 Series Adjustable Spring Power Surface Mounted Door Closers

- Multi-Size Adjustable Models Ranging From Spring Sizes 1 to 4 or 2 to 5
- Suitable for Doors From 33 to 264 Pounds (15 to 120 kg)
- Barrier-Free and Delayed Action Models to Meet A.D.A. Barrier-Free Requirements



PR40 Model Only

CAT. NO.	SPRING SIZE		CLOSER DESCRIPTION	FINISH
PR40A	1-4		Barrier-Free/Adjustable	Aluminum
PR40DU	1-4		Barrier-Free/Adjustable	Dark Bronze
PR42A	2-5		Adjustable	Aluminum
PR42DU	2-5		Adjustable	Dark Bronze
PR44DAA	2-5		Delayed Action/Adjustable	Aluminum
PR44DADU	2-5		Delayed Action/Adjustable	Dark Bronze

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



PR50 Series Adjustable Spring Power Surface Mounted Door Closers

- Multi-Size Adjustable Models Ranging From Spring Sizes 1 Through 5
- Suitable for Doors From 33 to 264 Pounds (15 to 120 kg)
- Barrier-Free and Delayed Action Models to Meet A.D.A. Barrier-Free Requirements



PR50 Model Only

CAT. NO.	SPRING SIZE		CLOSER DESCRIPTION	FINISH
PR50A	1-4		Barrier-Free/Adjustable	Aluminum
PR50DU	1-4		Barrier-Free/Adjustable	Dark Bronze
PR52A	2-5		Adjustable	Aluminum
PR52DU	2-5		Adjustable	Dark Bronze
PR54DAA	2-5		*Delayed Action/Adjustable	Aluminum
PR54DADU	2-5		*Delayed Action/Adjustable	Dark Bronze

Minimum order: 1 each. All Door Closers can be combined for quantity pricing. *NOTE: Backcheck feature is not available on Delayed Action models.

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

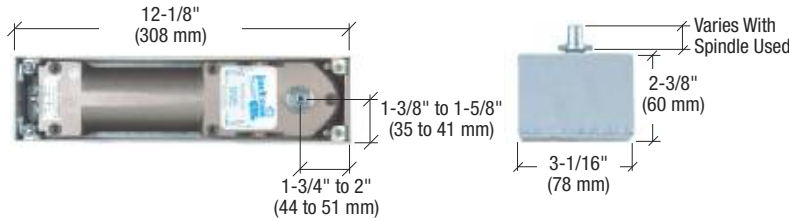
327Z

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



CRL Jackson® 900 Series Heavy-Duty Floor Mounted Door Closers

- 1000 Pound (454 kg) Capacity, for Doors Up to 54" (1.37 m) Wide
- 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" (1.37 m)

Maximum 3/4" Offset Door: Weight = 650 lbs. (295 kg), Width = 48" (1.22 m)

Maximum 1-1/2" Offset Door: Weight = 300 lbs. (136 kg), Width = 42" (1.07 m)

Adjustable Spring Power: Multi-Size 1 - 6

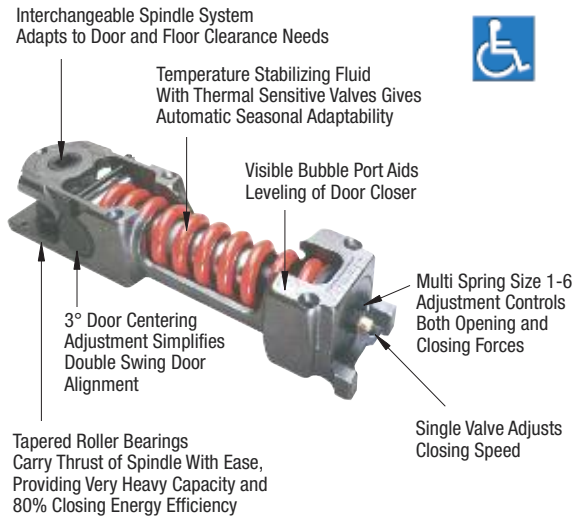
Door Centering Adjustment: 6 Degree Range Adjustment to Align Door

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 pound opening force. 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

Includes:

- 990 Closer Body
- Cement Case
- Installation Tool Package



Center-Hung Package

Includes:

- 990 Closer Body
- Cement Case
- J7080 Center-Hung Arm
- CRL9040S8 Flat Tapered Spindle
- 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.

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. Use CRL Cat. No. BP300BL Bedding Sealant in Cement Case to protect Closer from excessive moisture or a corrosive environment.

UL is a registered trademark of UL LLC.

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.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

328Z

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



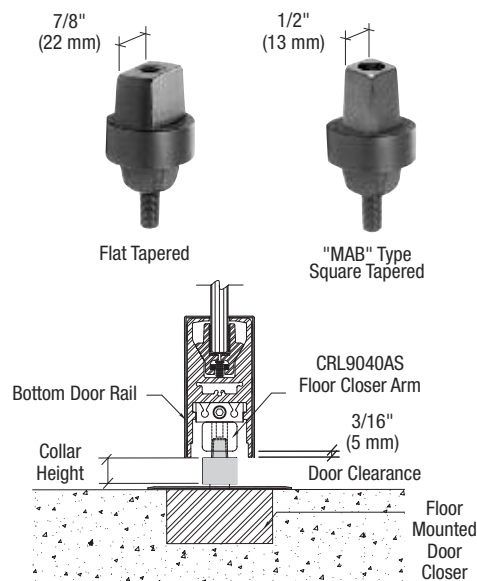
CRL Interchangeable Floor Closer Spindles

- Fit All 900 Series and CRL Brand 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 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 J990NHON, J993HON, J994HON, and J995BCN Floor Closers. All Spindles can be combined for quantity pricing.



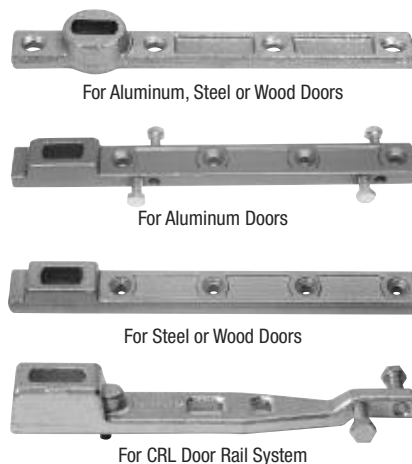
CRL Center-Hung Bottom Arms

- 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	Aluminum, Steel or Wood Doors
CRL9040CB	Aluminum Doors
CRL9040TB	Steel or Wood Doors
CRL9040AS	CRL Door Rail System
BA8SCR	Replacement Screw Pack (10 screws)

Minimum order: 1 each. Arms can be combined for quantity pricing.



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 Door Closers



Used to maintain the aesthetics of a continuous floor line when using flooring material such as terrazzo, tile, marble, etc. Pan is 1" (25 mm) in depth and requires the use of a CRL9040S28 Spindle (ordered separately) for a minimum 5/16" (8 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



J9015
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. Use CRL Cat. No. BP300BL Bedding Sealant in Cement Case to protect Closer from excessive moisture or a corrosive environment. Minimum order is one each.

CAT. NO. J9010

CRL Jackson® 300 Series Thin Slab Floor Mounted Door Closers

- Ideal for Thin-Slab Applications With Limited Floor Depth
- Available as a Package or Components Only
- Suitable for Doors From 30" to 48" (762 to 1219 mm)
- 5 Year Limited Warranty

The Jackson® 300 Series Thin Slab Floor Closer is manufactured in the U.S.A. and designed to give long lasting, maintenance free performance. Its compact design and low profile makes it ideal for thin-slab applications where floor depth is limited. The 300 Series is designed for use with aluminum, wood or hollow metal doors and frames.

Specifications

Maximum Door Weight: 260 lbs. (118 kg)

Maximum Door Width: 48" (1.22 m)

Fixed Spring Size: Regular Duty

Action: Non-Handed; Single or Double Acting

Swing: 90° or 105° Swing

Hold or No Hold Open

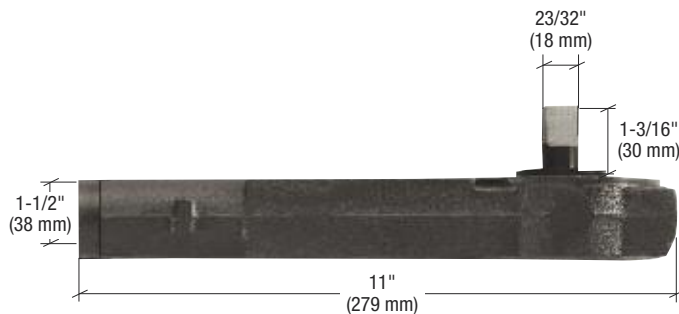
Valves: Dual Valve Control – Closing and Latching Speeds

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.

THIN-SLAB FLOOR MOUNT DOOR CLOSERS

CAT. NO.	TYPE
20307M01	105° No Hold Open
20307M02	105° Hold Open
20307M03	90° No Hold Open
20307M04	90° Hold Open

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



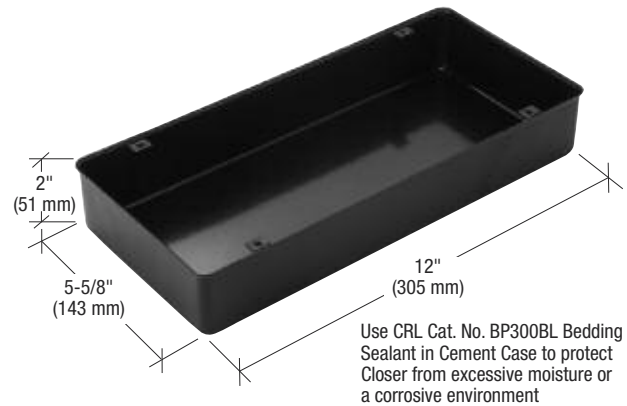
APPROXIMATE OPENING FORCE IN POUNDS				
SPRING SIZE	2/6 X 7/0	3/0 X 7/0	3/6 X 7/0	4/0 X 7/0
Regular	12	10	8	6

NOTE: Readings are pound force to open door and are taken at the lock stile to full degree of opening.

UL is a registered trademark of UL LLC.



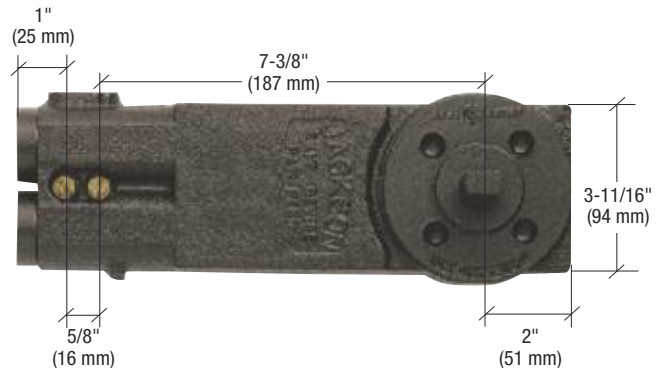
NOTE: Special Spindle works with Cat. No. 20800628 Center-Hung Arm only. See page (331Z).



CEMENT CASE (SOLD SEPARATELY)

CAT. NO.	DESCRIPTION
202102N	Thin Slab Cement Case

Minimum order: 1 each.



CLOSER SELECTION CHART		
SPRING SIZE	MAX. INTERIOR DOOR	MAX. EXTERIOR DOOR
Regular	3'-6" (1067 mm)	3'-0" (914 mm)

NOTE: All recommendations are based on average conditions. Tall doors, or doors that may be subject to wind, draft or extreme air flow, may require the next spring size.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

330Z

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



CRL Jackson® 300 Series Thin Slab Floor Mounted Door Closers

CRL Jackson® 300 Series "SX" Package

- For Use With Aluminum Doors and Frames

NOTE: Packages are available as special order only

CONTENTS: #20307	Body Closer
#202120	Mounting Brackets
#202102N	Cement Case
#20534	Top Center-Hung Pivot (Specify Cover Plate Finish)
#202115630	Finished Cover Plate

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.



Use CRL Cat. No. BP300BL Bedding Sealant in Cement Case to protect Closer from excessive moisture or a corrosive environment

SERIES 21307SX

CRL Jackson® 300 Series "S" Package

- For Use With Aluminum Doors and Frames

NOTE: Packages are available as special order only

CONTENTS: #20307	Body Closer
#202120	Mounting Brackets
#202102N	Cement Case
#20534	Top Center-Hung Pivot (Specify Cover Plate Finish)

NOTE: Package does not include optional 202115630 Cover Plate which must be ordered separately

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.



Use CRL Cat. No. BP300BL Bedding Sealant in Cement Case to protect Closer from excessive moisture or a corrosive environment

SERIES 21307S

CRL Jackson® Center-Hung Arm Package

- For Use With 1" (25 mm) Deep Rail and 300 Series Floor Closer

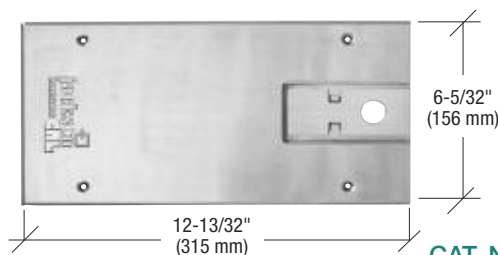


NOTE: Arm will not fit CRL Tapered Spindle

CAT. NO. 20800628
Minimum order: 1 each.

CRL Jackson® 300 Series Cover Plate

- Satin Stainless Steel Finish



CAT. NO. 202115630
Minimum order: 1 each.

CRL Jackson® Top Center-Hung Pivot

- Walking Beam Pivot Assembly
- Choice of Cover Plates



CAT. NO.	COVER FINISH
20534628	Aluminum
20534313	Dark Bronze

Minimum order: 1 each.

UL is a registered trademark of UL LLC.

CRL Jackson® Adjustable Mounting Brackets

- Required for 300 Series Floor Closer Installation
- Allows Adjustment of Installed Closer Body



CAT. NO. 202120
Minimum order: 1 set.

CRL8500 Series Heavy Weight Floor Mounted Door Closers



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 335Z) to accommodate different finished floor heights. Accessories such as Pivots, Center-Hung and Offset Arms are also available (see pages 335Z-336Z, and 347Z). Includes Closer, Spindle, Brushed Stainless Cover Plate, and Cement Case.

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.

Use CRL Cat. No. BP300BL Bedding Sealant in cement case to protect closer from excessive moisture or a corrosive environment.

Specifications:

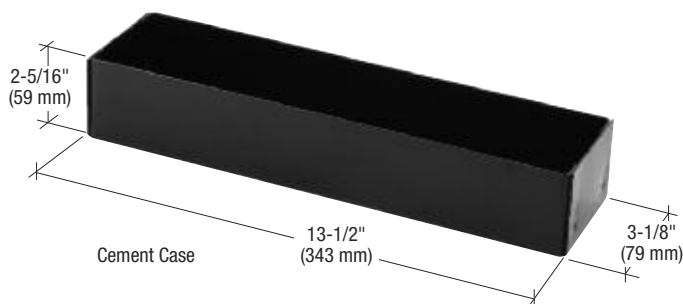
Maximum Door Weight: 800 lbs. (363 kg)

Maximum Interior Door Width: 54" (1.37 m)

Maximum Exterior Door Width: 48" (1.22 m)



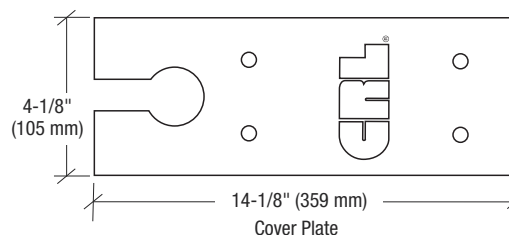
- The Perfect Door Closer to Support CRL's Door Rail System
- 800 Pound (363 Kg) Capacity, for Doors Up to 54" (1.37 m) Wide
- Interchangeable Spindle Heights
- Independent Closing and Latching Speed Adjustments
- 5 Year Limited Warranty
- UL Listed



REPLACEMENT CEMENT CASE

CAT. NO.	DESCRIPTION
CRL85CB	CRL8500 Series Replacement Cement Case

Minimum order: 1 each.



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. All Covers can be combined for quantity pricing.

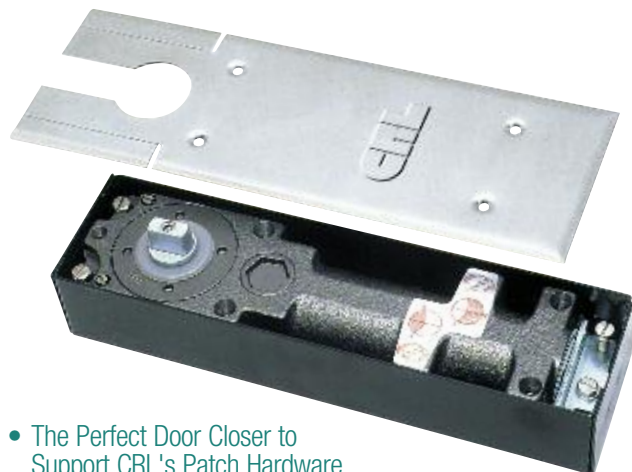
HEAVY WEIGHT FLOOR MOUNTED DOOR CLOSERS

CAT. NO.	SPRING SIZE	TYPE	MAX. DOOR WIDTH	
			INTERIOR	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.

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 Pound (120 kg) Capacity, for Doors Up to 42" (1067 mm) Wide
- Narrow 3-1/16" (78 mm) Width
- Interchangeable Spindle Heights
- 5 Year Limited Warranty
- UL Listed

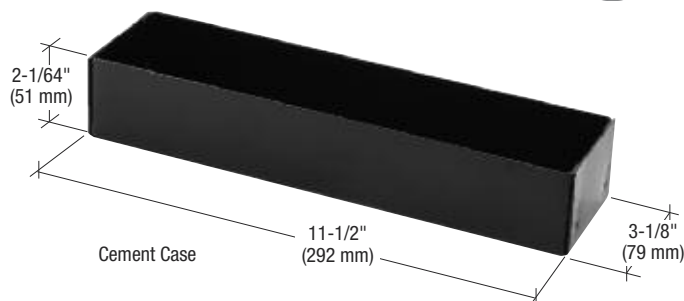


These CRL8400 Series Narrow Width Floor Mounted Door Closers are preferred on doors installed with Patch Hardware because smaller cover plates are more attractive in this type of installation. The Door Closer has separate valves to control closing and latching speeds. 90 Degree Hold Open and No Hold Open models are available.

The 1/8" (3 mm) collar height Spindle is supplied with the door closer, providing a 5/16" (8 mm) clearance from finished floor to door bottom. Optional Spindles to accommodate different finished floor heights are also available (see page 335Z). Other accessories, such as Pivots, Center-Hung and Offset Arms are also available (see pages 335Z-336Z, and 347Z). Includes Closer, Spindle, Brushed Stainless Cover Plate, and Cement Case.

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.

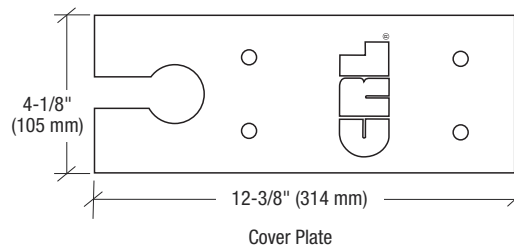
Use CRL Cat. No. BP300BL Bedding Sealant in cement case to protect closer from excessive moisture or a corrosive environment.



REPLACEMENT CEMENT CASE

CAT. NO.	DESCRIPTION
CRL84CB	CRL8400 Series Replacement Cement Case

Minimum order: 1 each.



REPLACEMENT COVER PLATES

CAT. NO.	FINISH
CRL84CPBS	*Brushed Stainless Steel
CRL84CPPB	Polished Brass
CRL84CPPS	Polished Stainless Steel

Minimum order: 1 each. * Supplied with 8400 Series Floor Closers. All Covers can be combined for quantity pricing

Specifications:

Maximum Door Weight: 264 lbs. (120 kg)

Maximum Interior Door Width: 42" (1.07 m)

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.

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

333Z

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



CRL8300 Series Shallow Depth Floor Mounted Door Closers



- 264 Pound (120 kg) Capacity, for Doors Up to 42" (1067 mm) Wide
- Low Profile 1-9/16" (40 mm) Depth
- Interchangeable Spindle Heights
- 5 Year Limited Warranty
- UL Listed



These CRL8300 Series Shallow Depth Floor Mounted Door Closers are preferred for many types of installations because they only require a shallow 1-9/16" (40 mm) cut-out in the floor. This is especially important on floors above the ground floor. The shallow cut-out leaves enough remaining floor under the Door Closer to support the door weight. The Door Closer has separate valves to control closing and latching speeds. Both 90 degree and 105 degree Hold Open and No Hold Open models are available.

The 1/8" (3 mm) collar height Spindle is supplied with the Door Closer, providing a 5/16" (8 mm) clearance from finished floor to door bottom. Optional Spindles to accommodate different finished floor heights are also available (see page 335Z). Other accessories, such as Pivots, Center-Hung and Offset Arms are also available (see pages 335Z-336Z, and 347Z). Includes Closer, Spindle, Brushed Stainless Cover Plate, and Cement Case.

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.

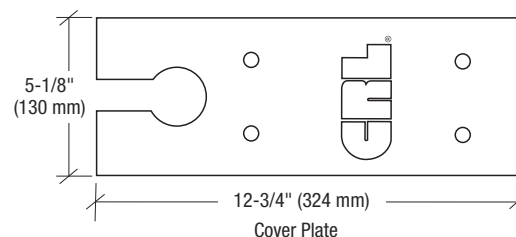
Use CRL Cat. No. BP300BL Bedding Sealant in cement case to protect closer from excessive moisture or a corrosive environment.



REPLACEMENT CEMENT CASE

CAT. NO.	DESCRIPTION
CRL83CB	CRL8300 Series Replacement Cement Case

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.



REPLACEMENT COVER PLATES

CAT. NO.	FINISH
CRL83CPBS	*Brushed Stainless Steel
CRL83CPPB	Polished Brass
CRL83CPPS	Polished Stainless Steel

Minimum order: 1 each. * Supplied with 8300 Series Floor Closers. All Covers can be combined for quantity pricing.

Specifications:

Maximum Door Weight: 264 lbs. (120 kg)

Maximum Interior Door Width: 42" (1.07 m)

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.

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

334Z

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



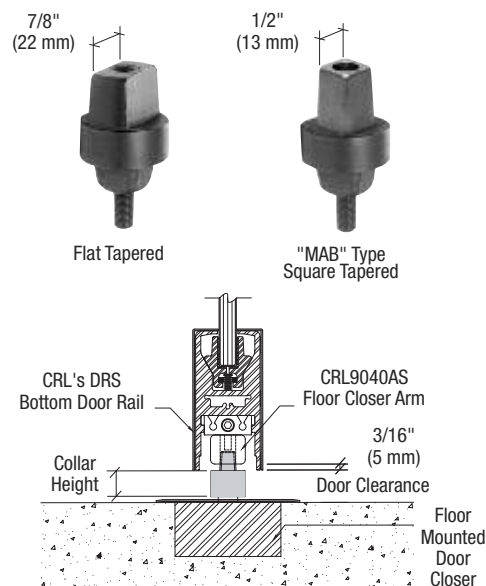
CRL Interchangeable Floor Closer Spindles

- Fit All CRL8300, CRL8400, and CRL8500 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 are intended for use with 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 CRL8300, CRL8400, and CRL8500 Series Floor Closers. All Spindles can be combined for quantity pricing.



CRL Floor Closer Terrazzo Pan

- For Use With CRL8500 Series Floor Mounted Door Closers Only

Select the Floor Closer Terrazzo Pan 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. Includes access tubes to the adjustment screws for the CRL8500 Floor Mounted Door Closer so that adjustments can be made without having to take the door down. **NOTE:** Recommended for interior use only. Minimum order is one each.



CAT. NO. TPCRL85

CRL Center-Hung Bottom Arms

- Arms for CRL8300, CRL8400, and CRL8500 Series Floor Mounted Door Closers With Flat Tapered Spindles



For Aluminum, Steel or Wood Doors



For Aluminum Doors



For Steel or Wood Doors



For CRL Door Rail System

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	Aluminum, Steel or Wood Doors
CRL9040CB	Aluminum Doors
CRL9040TB	Steel or Wood Doors
CRL9040AS	CRL Door Rail System
BA8SCR	Replacement Screw Pack (10 screws)

Minimum order: 1 each. Arms can be combined for quantity pricing.

CRL Center-Hung Top Pivot and Optional Cover Plate

- Walking Beam Style Pivot
- Optional Cover Plates Available in Five Finishes



CAT. NO.
CRL9040WBP



Optional
Cover Plate



This Center-Hung Top Pivot fits top door rails with a depth of 1" (25 mm). Pin has a diameter of 19/32" (15 mm), and drops down 1" (25 mm) for full contact with Upper Pivot Arm. Tube Mounting Brackets are also available (see below). Minimum order is one each.

OPTIONAL COVER PLATES

CAT. NO.	FINISH
CRL9040CPA	Satin Aluminum
CRL9040CPBS	Brushed Stainless Steel
CRL9040CPPB	Polished Brass
CRL9040CPPS	Polished Stainless Steel
CRL9040CPDU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Heavy-Duty Center-Hung Top Pivot

- Walking Beam Type Pivot
- Lateral Pin Adjustment
- Choice of Cover Plates in Four Finishes



This CRL Heavy-Duty Adjustable Center-Hung Walking Beam Type Top Pivot can handle center-hung doors weighing up to 1000 pounds (454 kg). Pivot features a vertical, as well as a lateral, pin adjustment to help align the door. The door portion consists of a needle bearing for maximum durability.

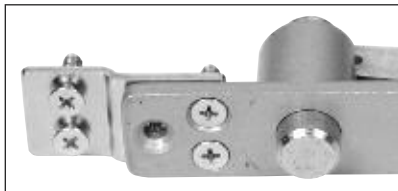
PIVOT WITH COVER PLATE

CAT. NO.	COVER PLATE FINISH
J580BS	Brushed Stainless Steel
J580PB	Polished Brass
J580PS	Polished Stainless Steel
J580DU	Dark Bronze

Minimum order: 1 each.

CRL Tube Mounting Brackets

- Secures the CRL9040WBP Walking Beam Pivot



These CRL Tube Mounting Brackets are used to mount the CRL9040WBP Walking Beam Top Pivot body (see above) into hollow tube headers. Minimum order is one set.

CAT. NO. CRL9040MB

CRL Top Rail Heavy-Duty Walking Beam Adapter Block

- For Use With J580 Series Heavy-Duty Center-Hung Top Pivot



This Adapter Block attaches to our standard slide block allowing the easy installation of the door portion of a J580 Series Heavy-Duty Walking Beam Pivot (see above). Minimum order is one each.

CAT. NO. CRLJ580ADP

CRL Header Mounted Free-Swinging Top Pivot

- For Use With Top Door Patch Fittings
- Mounts in Masonry or Metal Header

This Header Mounted Free-Swinging Top Pivot is secured in masonry, or to metal, to allow for a free-swinging pivot. For use with Patch Fittings such as Cat. Nos. PH20A, PH21A, and EUR420, or any top pivot with a 19/32" (15 mm) diameter hole. Secure in masonry with the included brass masonry anchor, or secure to metal in a tapped 8 mm threaded hole. Minimum order is one each.



CAT. NO. 1NT405

CRL Surface Mounted Free-Swinging Top Pivot

- Surface Mount Top Pivot Type for Use With Patch Fittings and CRL Wedge-Lock® Door Rail System
- Brushed Stainless Finish

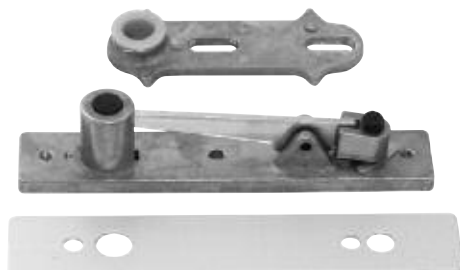


This 19/32" (15 mm) diameter Free-Swinging Top Pivot installs easily to wood or metal substrates to work with Cat. No. CRL9040TDF or CRL9060TDF Top Door Fittings, CRL Top Door Patch Fittings PH20A, PH21A, and EUR420, or any top pivot with a 19/32" (15 mm) diameter hole. Brushed stainless finish. Mounting screws are not included. Minimum order is one each.

CAT. NO. 1NT401

CRL Jackson® Top Center-Hung Top Pivot Assembly

- Walking Beam Style Pivot
- Includes Door Arm and Finished Cover Plate



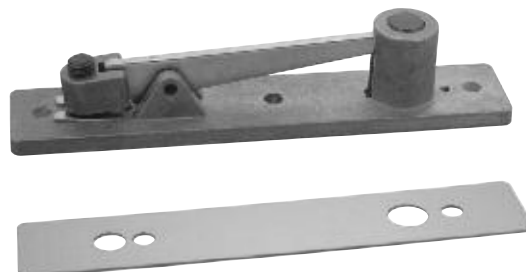
The CRL Jackson Center-Hung Pivot Set is designed to be used with standard 1-3/4" (45 mm) storefront aluminum doors weighing up to 250 pounds (113 kg). These Pivots fit top door rails with a depth of 1" (25 mm) and drops down 3/4" (19 mm) for full contact with the included Top Door Pivot Arm. Pin diameter is 1/2" (13 mm). These are perfect for new or retrofit applications.

CAT. NO.	FINISH
20534628	Aluminum
20534313	Dark Bronze

Minimum order: 1 each. **NOTE:** Pivots are not interchangeable with CRL9040WBP.

CRL Jackson® Center-Hung Top Pivot

- Walking Beam Style Pivot – Frame Portion Only
- Finished Cover Plate Included



This Center-Hung Top Pivot fits top door rails with a depth of 1" (25 mm). Hardened steel pin has a diameter of 1/2" (13 mm), and drops down 3/4" (19 mm) for full contact with Top Door Pivot Arm.

CAT. NO.	FINISH
213K628	Aluminum
213K313	Dark Bronze

Minimum order: 1 each.

CRL Top Door Rail Pivot Arms

- For Center-Hung Applications
- Standard and Heavy-Duty Models

These 19/32" (15 mm) diameter standard and heavy-duty Top Door Rail Pivot Arms fit in CRL Top Door Rails, and work with our 1NT401 Top Free-Swinging Pivot and CRL9040WBP Walking Beam Pivot.



Standard Pivot Arm



Heavy-Duty Arm

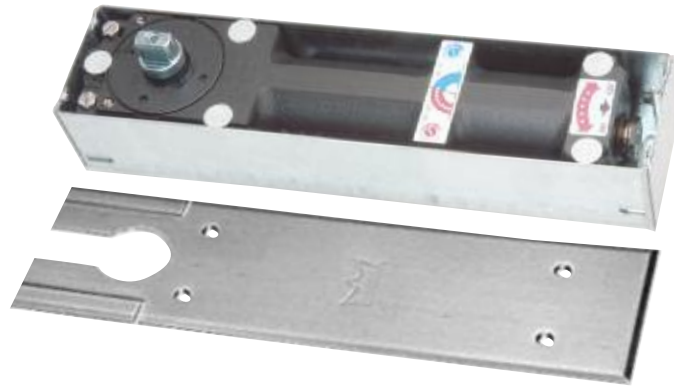
CAT. NO.	DESCRIPTION
CRL9040TDF	Standard Pivot Arm
CRL9060TDF	Heavy-Duty Pivot Arm

Minimum order: 1 each.

DORMA® BTS80 Series Floor Mounted Door Closers

dormakaba

- 660 Lb. (299 kg) Capacity, Up to 54" (1372 mm) Wide Doors
- Interchangeable Spindle Heights
- Selective Multi-Point Hold Open Position
- Variable Delayed Action
- 25 Year Limited Manufacturer's 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	8.5 lb.	—	When Used With 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.

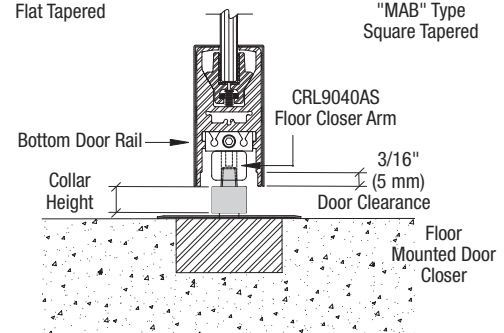
DORMA and dormakaba are registered trademarks of dormakaba International Holding AG Aktiengesellschaft (AG) Joint Stock Company. UL is a registered trademark of UL LLC.



Flat Tapered



"MAB" Type Square Tapered



go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

338Z

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



DORMA® BTS75V Series Floor Mounted Door Closers

- Adjustable Spring Power 1-4
- 25 Year Limited Manufacturer's 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)



dormakaba

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® 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 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 (19/32") Diameter Pin



CAT. NO. 8062DA
Minimum order: 1 each.

Dorma and dormakaba are registered trademarks of dormakaba International Holding AG Aktiengesellschaft (AG) Joint Stock Company.
UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

339Z

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

CRL
ALUMINUM

Rixson® 27 Series 3/4" Offset Floor Mounted Door Closers

RIXSON®

- For Exterior or Interior Doors
- Selective Hold Open Feature
- 450 Pound (204 kg) Capacity
- Built-In Positive Dead Stop
- Adjustable Backcheck
- ANSI 156.4 Grade 1
- 10 Year Limited Manufacturer's Warranty
- UL Listed



Rixson® Floor Mounted Door Closers are a time proven product known for reliability and a long-lasting service-free life. Floor Closers provide the best mechanical means of controlling a door. They produce an 85% closing force-to-opening force ratio, thereby allowing for lighter opening forces and yet maintaining control of the door. The weight of the door is supported entirely by the bottom arm, which is directly connected to the floor closer spindle. This design allows these closers to handle the rigors of high traffic volume and heavier than average doors.

Rixson® Floor Mounted Door Closers are available from CRL with multiple features and options, such as Selective Hold Open, Built-In Positive Dead Stop, Adjustable Hydraulic Backcheck. Other optional features, finishes, and accessories are available upon request.

Features and Specifications

- Single Acting, Handed
- Selective Hold Open (SHO) Stocked
- Separate and Independent Valves for Closing Speed, Latching Speed, and Backcheck Adjustments
- Built-in Positive Dead Stop Prevents the Door From Swinging Beyond the Opening Degree Specified. (Stock 90 and 105 Degree)
- 450 Lb. (204 kg), 48" (1219 mm) Width Capacity. Manufacturer Recommends Using One Intermediate Pivot for Doors up to 90" (2286 mm) Tall, and One Additional Intermediate Pivot for Each Additional 30" (762 mm)

Complete Rixson® 27 Series 3/4" Offset Floor Mounted Door Closer Packages

Includes:

27 Series Offset Closer Body
253000 Cement Case
274750 Finished Cover Plate
252050 Bottom Arm
R180 Top Offset Pivot



CAT. NO.	TYPE	HANDING	FINISH
2790SH0RHSC	90 Degree Selective Hold Open	Right Hand	Satin Chrome
2790SH0RHPC	90 Degree Selective Hold Open	Right Hand	Polished Chrome
2790SH0RHPB	90 Degree Selective Hold Open	Right Hand	Polished Brass
2790SH0RH DU	90 Degree Selective Hold Open	Right Hand	Dark Bronze
2790SH0LHSC	90 Degree Selective Hold Open	Left Hand	Satin Chrome
2790SH0LHPC	90 Degree Selective Hold Open	Left Hand	Polished Chrome
2790SH0LHPB	90 Degree Selective Hold Open	Left Hand	Polished Brass
2790SH0LH DU	90 Degree Selective Hold Open	Left Hand	Dark Bronze
27105SH0RHSC	105 Degree Selective Hold Open	Right Hand	Satin Chrome
27105SH0RHPC	105 Degree Selective Hold Open	Right Hand	Polished Chrome
27105SH0RHPB	105 Degree Selective Hold Open	Right Hand	Polished Brass
27105SH0RH DU	105 Degree Selective Hold Open	Right Hand	Dark Bronze
27105SH0LHSC	105 Degree Selective Hold Open	Left Hand	Satin Chrome
27105SH0LHPC	105 Degree Selective Hold Open	Left Hand	Polished Chrome
27105SH0LHPB	105 Degree Selective Hold Open	Left Hand	Polished Brass
27105SH0LH DU	105 Degree Selective Hold Open	Left Hand	Dark Bronze

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.
UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

340Z

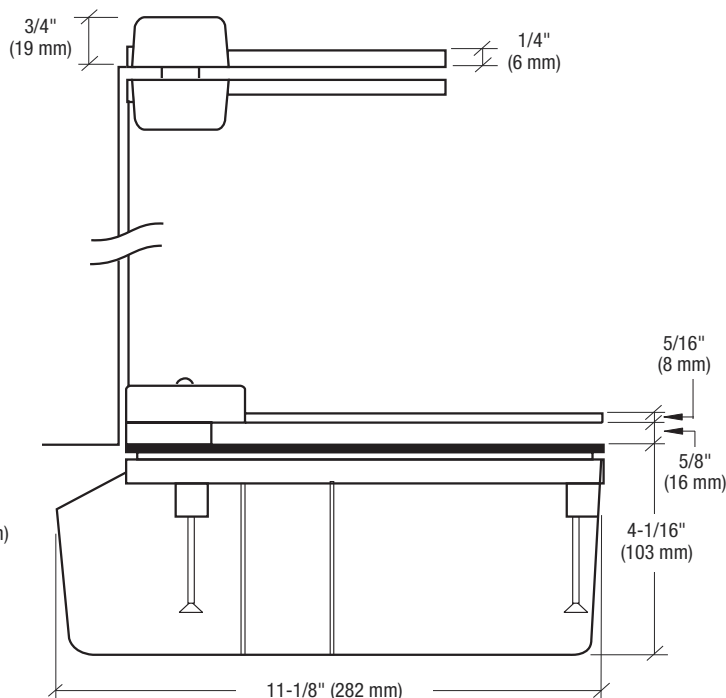
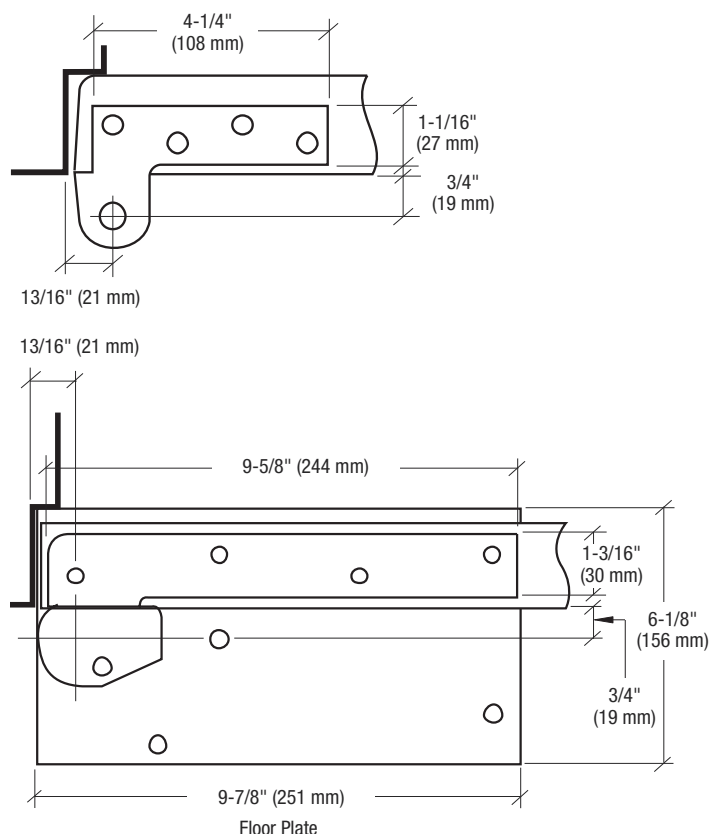
or enter the Catalog Number for complete product information

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

CRL®
US ALUMINUM

Rixson® 27 Series 3/4" Offset Floor Mounted Door Closers

RIXSON®



NOTE: Requires Cat. No. 253000 Cement Case (See page 345Z)

CRL Rixson® 27 Series 3/4" Offset Floor Mounted Door Closer Bodies Only

27 SERIES FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
2790SH0RHB0DY	90 Degree Selective Hold Open	Right Hand
2790SH0LHB0DY	90 Degree Selective Hold Open	Left Hand
27105SH0RHB0DY	105 Degree Selective Hold Open	Right Hand
27105SH0LHB0DY	105 Degree Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

PH27 8.5 LB. FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
PH2790SH0RH85	90 Degree Selective Hold Open	Right Hand
PH2790SH0LH85	90 Degree Selective Hold Open	Left Hand
PH27105SH0RH85	105 Degree Selective Hold Open	Right Hand
PH27105SH0LH85	105 Degree Selective Hold Open	Left Hand

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.



NOTE: CRL is a stocking Rixson® Specialty Door Control Distributor. If you need Rixson® products that are not shown in our catalog, please contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also e-mail us at glazing@crlaurence.com.

Rixson is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

341Z

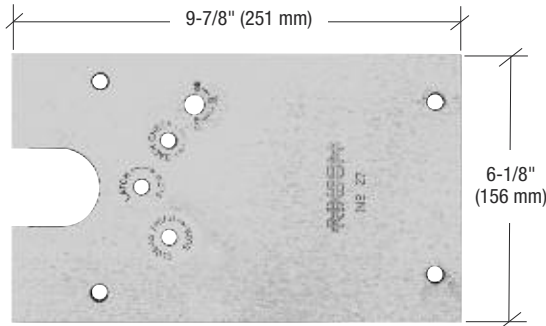
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada

CRL
ALUMINUM

Rixson® Accessories for 27 Series 3/4" Offset Floor Mounted Door Closers

RIXSON®

Rixson® Cover Plates for 27 Series SHO Floor Mounted Door Closers



27 Series SHO Cover Plate (RH Shown)

Cover Plates are handed, and allow access to selective hold open valve and closer adjustments without removing the door. Furnished complete with finished mounting screws. **NOTE:** For Cement Case see page 345Z.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
274750LHSC	274750RHSC	Satin Chrome
274750LHPC	274750RHPC	Polished Chrome
274750LHPB	274750RHPB	Polished Brass
274750LH DU	274750RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® 3/4" Offset Top Pivots

- Oil-Impregnated Sintered Bronze Bearing
- Non-Handed



These Offset Top Pivots are supplied with an oil-impregnated sintered bronze bearing, and intended for use with standard aluminum, wood, and hollow metal doors. These Pivots are fully mortised and non-handed. They are supplied with wood and machine screws to allow most common installations.

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 is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

Rixson® 3/4" Offset Intermediate Pivots

Rixson® 3/4" (19 mm) Offset Intermediate Pivots are designed for use with standard 1-3/4" (45 mm) doors to maintain door alignment. Pivots are handed, and available in four standard architectural finishes. These Pivots are fully mortised and non load-bearing. They are supplied with wood and machine screws to allow most common installations. They are recommended for use with doors 90" (2.28 m) or taller. Each additional 30" (762 mm), or fraction thereof, warrants the use of an additional Intermediate Pivot.



LH Shown



RH Shown

LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
M19LHSC	M19RHSC	Satin Chrome
M19LHPC	M19RHPC	Polished Chrome
M19LHPB	M19RHPB	Polished Brass
M19LH DU	M19RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL Reinforcement Backing Plate for Intermediate Offset Pivots

- Non-Handed, Usable for Both Door and Frame Reinforcement



CRL Reinforcement Backing Plate is designed to support standard Intermediate Pivots when mounted to storefront tubes. They are non-handed, and made of heavy gauge, plated steel. Plates are tapped for standard 1/4-20 machine screws for the pivot mounting, and 12-24 machine screws to mount the plate to the frame or door. Minimum order is one each.

CAT. NO. 2302711

Rixson® 3/4" Offset Arms for 27 Series Floor Mounted Door Closers



Offset Closer Arms are used with single acting doors where the Door Closer is offset mounted. The Arms are handed, and are supplied with a finished cover to match the opening finish.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
252050LHSC	252050RHSC	Satin Chrome
252050LHPC	252050RHPC	Polished Chrome
252050LHPB	252050RHPB	Polished Brass
252050LH DU	252050RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® 28 Series Center-Hung Floor Mounted Door Closers

RIXSON®

- For Exterior or Interior Doors
- Selective Hold Open Feature
- 350 Pound (159 kg) Capacity
- Built-In Positive Dead Stop
- Adjustable Backcheck
- ANSI 156.4 Grade 1
- 10 Year Limited Manufacturer's Warranty
- UL Listed



Rixson® Floor Mounted Door Closers are a time proven product known for reliability and a long-lasting service-free life. Floor Closers provide the best mechanical means of controlling a door. They produce an 85% closing force-to-opening force ratio, thereby allowing for lighter opening forces and yet maintaining control of the door. The weight of the door is supported entirely by the bottom arm, which is directly connected to the floor closer spindle. This design allows these closers to handle the rigors of high traffic volume and heavier than average doors.

Rixson® Floor Mounted Door Closers are available from CRL with multiple features and options, such as Selective Hold Open, Built-In Positive Dead Stop, Adjustable Hydraulic Backcheck. Other optional features, finishes, and accessories are available upon request.

Features and Specifications

- Single Acting, Handed
- Selective Hold Open (SHO) Stocked
- Separate and Independent Valves for Closing Speed, Latching Speed, and Backcheck Adjustments
- Built-in Positive Dead Stop Prevents the Door From Swinging Beyond the Opening Degree Specified. (Stock 90 and 105 Degree)
- 350 Lb. (159 kg), 48" (1219 mm) Width Capacity.
- Furnished with Wood and Machine Screws

Complete Rixson® 28 Series Center-Hung Floor Mounted Door Closer Packages

Includes:

28 Series Center-Hung Closer Body
253000 Cement Case
284720 Finished Cover Plate
282026 Bottom Arm
340 Center-Hung Top Pivot



CAT. NO.	TYPE	HANDING	FINISH
2890SH0RHSC	90 Degree Selective Hold Open	Right Hand	Satin Chrome
2890SH0RHPC	90 Degree Selective Hold Open	Right Hand	Polished Chrome
2890SH0RHBP	90 Degree Selective Hold Open	Right Hand	Polished Brass
2890SH0RH DU	90 Degree Selective Hold Open	Right Hand	Dark Bronze
2890SH0LHSC	90 Degree Selective Hold Open	Left Hand	Satin Chrome
2890SH0LHPC	90 Degree Selective Hold Open	Left Hand	Polished Chrome
2890SH0LHPB	90 Degree Selective Hold Open	Left Hand	Polished Brass
2890SH0LH DU	90 Degree Selective Hold Open	Left Hand	Dark Bronze
28105SH0RHSC	105 Degree Selective Hold Open	Right Hand	Satin Chrome
28105SH0RHPC	105 Degree Selective Hold Open	Right Hand	Polished Chrome
28105SH0RHBP	105 Degree Selective Hold Open	Right Hand	Polished Brass
28105SH0RH DU	105 Degree Selective Hold Open	Right Hand	Dark Bronze
28105SH0LHSC	105 Degree Selective Hold Open	Left Hand	Satin Chrome
28105SH0LHPC	105 Degree Selective Hold Open	Left Hand	Polished Chrome
28105SH0LHPB	105 Degree Selective Hold Open	Left Hand	Polished Brass
28105SH0LH DU	105 Degree Selective Hold Open	Left Hand	Dark Bronze

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.
UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

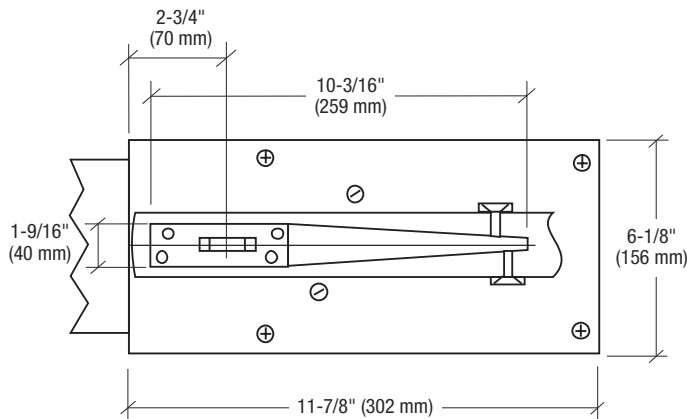
343Z

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

CRL®
ALUMINUM

Rixson® 28 Series Center-Hung Floor Mounted Door Closers

RIXSON®



NOTE: CRL is a stocking Rixson® Specialty Door Control Distributor. If you need Rixson® products that are not shown in our catalog, please contact CRL Door and Window Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7520. You can also e-mail us at glazing@crlaurence.com.

Rixson® 28 Series Center-Hung Floor Mounted Door Closer Bodies Only

28 SERIES FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
2890SH0RHB0DY	90 Degree Selective Hold Open	Right Hand
2890SH0LHB0DY	90 Degree Selective Hold Open	Left Hand
28105SH0RHB0DY	105 Degree Selective Hold Open	Right Hand
28105SH0LHB0DY	105 Degree Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

PH28 8.5 LB. FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
PH2890SH0RH85	90 Degree Selective Hold Open	Right Hand
PH2890SH0LH85	90 Degree Selective Hold Open	Left Hand
PH28105SH0RH85	105 Degree Selective Hold Open	Right Hand
PH28105SH0LH85	105 Degree Selective Hold Open	Left Hand

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.

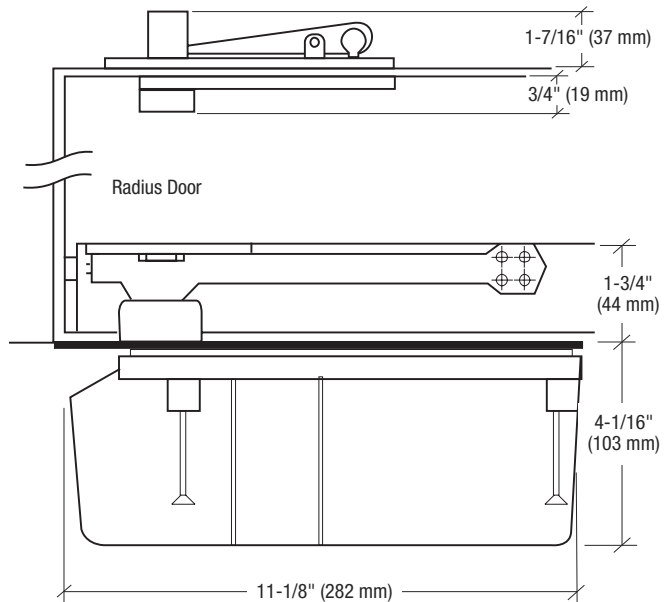
Rixson® 328 Series Center-Hung Floor Mounted Door Closer Bodies for Patch Fittings

328 SERIES FLOOR MOUNTED DOOR CLOSER BODY ONLY

CAT. NO.	TYPE	HANDING
32890SH0RHB0DY	90 Degree Selective Hold Open	Right Hand
32890SH0LHB0DY	90 Degree Selective Hold Open	Left Hand
328105SH0RHB0D	105 Degree Selective Hold Open	Right Hand
328105SH0LHB0D	105 Degree 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.



Cement Case (See page 345Z)



28 Series



328 Series

For a complete selection of CRL Patch Fittings, visit crlaurence.com/patch-hardware



PH328 8.5 LB. FLOOR MOUNTED DOOR CLOSER BODY ONLY

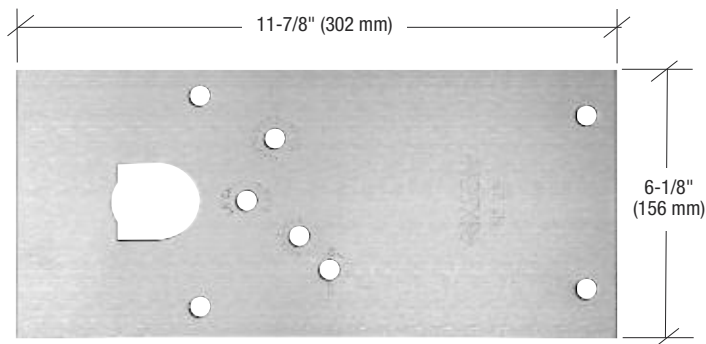
CAT. NO.	TYPE	HANDING
PH32890SH0RH85	90 Degree Selective Hold Open	Right Hand
PH32890SH0L85	90 Degree Selective Hold Open	Left Hand
PH328105SH0RH85	105 Degree Selective Hold Open	Right Hand
PH328105SH0L85	105 Degree Selective Hold Open	Left Hand

Minimum order: 1 each. All Door Closers can be combined for quantity pricing.

Rixson® Accessories for 28 Series Center-Hung Floor Mounted Door Closers

RIXSON®

Rixson® Cover Plates for 28 Series SH0 Floor Mounted Door Closers



28 Series SH0 Cover Plate (LH Shown)

Cover Plates are handed, and allow access to selective hold open valve and closer adjustments without removing the door. Furnished complete with finished mounting screws.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
284720LHSC	284720RHSC	Satin Chrome
284720LHPC	284720RHPC	Polished Chrome
284720LHPB	284720RHPB	Polished Brass
284720LH DU	284720RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® Cement Case for 27 and 28 Series Floor Mounted Door Closers



CAT. NO. 253000

This Rixson® Cement Case is made from cyclocac, and is used for standard 27 and 28 Series Floor Mounted Door Closer installations. This case is non-handed and supplied with mounting hardware. Minimum order is one each.



27 and 28 Series Door Closers sold separately
(See pages 341Z, 344Z)

Rixson® 28 Center-Hung Arm



This Center-Hung Bottom Arm is intended for use with the 28 Series type spindle. This Arm is non-handed and is supplied with exposed finished door alignment hardware.

CAT. NO.	FINISH
282026SC	Satin Chrome
282026PC	Polished Chrome
282026PB	Polished Brass
282026DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® 554 Center-Hung Arm



CAT. NO. 282554

This Center-Hung Bottom Arm is intended for use with the 28 Series type spindle, and is completely concealed with no exposed alignment hardware. Minimum order is one each.



28 Series Door Closer sold separately
(See page 344Z)

Rixson is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

345Z

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

CRL
ALUMINUM

Rixson® Accessories for Floor Mounted Door Closers



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 Are Included
- Pivots Are Non-Handed

These Rixson® Center-Hung Walking Beam Top Pivots have either a standard 1/2" (13 mm), a heavy-duty 11/16" (17 mm), or a heavy-duty long throw 3/4" (19 mm) diameter pivot pin. The supplied Top Rail Door Arm provides a 3/4" (19 mm) deep engagement for the first two models, and 1-3/4" (44 mm) deep engagement for the Long Throw Heavy-Duty Pivot, making it ideal for locations where there is concern of dramatic building settling. These Pivots are fully mortised and non-handed. Supplied with finished Cover Plate, plus wood and machine screws.

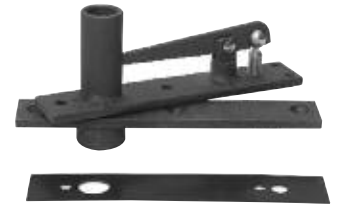
NOTE: Custom Rail and Header preparations are required when using the H345 Series Long Throw Heavy-Duty Pivot.



Regular Duty Top Pivot
1/2" (13 mm) Diameter Pivot Pin



Heavy-Duty Top Pivot
11/16" (17 mm) Diameter Pivot Pin



Long Throw Heavy-Duty Top Pivot
3/4" (19 mm) Diameter Pivot Pin

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® Center-Hung Pivot Set

- For Interior or Exterior Center-Hung Doors Up to 500 Pounds (227 kg)
- Regular Duty 340 Center-Hung Top Pivot Included

This Rixson® Center-Hung Pivot Set features a 500 pound (227 kg) weight capacity, and can be used on center-hung doors up to 44" x 102" (1.12 x 2.59 m). Double-acting, non-handed Bottom Pivot mounts directly to floor with included fasteners. Sealed bearings for protection against the weather.



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.

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

These Adapter Blocks attach to our standard slide block allowing the easy installation of the door portion of a Rixson® 340 Regular Duty Walking Beam Pivot or H340 Heavy-Duty Walking Beam Pivot. Minimum order is one each.



Regular Duty Adapter Block
CAT. NO. CRL340ADP



Heavy-Duty Adapter Block
CAT. NO. CRLH340ADP

Rixson is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

346Z

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



CRL Offset Top Pivots

- Can Be Used With All Floor Mounted Door Closers
- Pivots Are Non-Handed

Offset Top Pivots are full mortise and non-handed for use with CRL Door Rails, as well as aluminum, wood, and hollow metal doors.



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

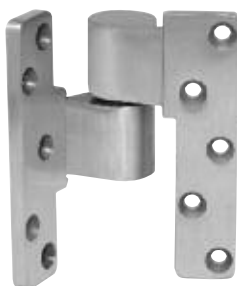
Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing.

CRL Jackson® 3/4" Offset Intermediate Aluminum Pivots

- For New or Retrofit Use
- Available in Two Finishes
- Handed Left or Right

These 3/4" (19 mm) Offset Intermediate Aluminum Pivots are for new or retrofit use with standard 1-3/4" (45 mm) storefront aluminum doors to maintain door alignment. They are not intended to be load-bearing pivots. Pivots feature a 5/8" (16 mm) vertical adjustment. For Reinforcement Backing Plates see page 342Z.

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 can be combined for quantity pricing.

CRL Heavy-Duty 3/4" Offset Intermediate Pivots

- For New or Retrofit Use
- Available in Four Finishes
- Handed Left or Right

These 3/4" (19 mm) Offset Intermediate Pivots are for new or retrofit use with standard 1-3/4" (45 mm) storefront aluminum doors to maintain door alignment. These full-mortise type Pivots feature a full race ball bearing and oilite bronze bushing for a long maintenance-free life. They are not intended to be load-bearing pivots. Pivots allow for a 5/8" (16 mm) vertical adjustment, and feature a fully retractable pin for easy installation. For Reinforcement Backing Plates see page 342Z.

LH Shown



LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
CRL19LHSC	CRL19RHSC	Satin Chrome
CRL19LHPC	CRL19RHPC	Polished Chrome
CRL19LHPB	CRL19RHBP	Polished Brass
CRL19LH DU	CRL19RH DU	Dark Bronze

Minimum order: 1 each. Finishes and handing can be combined for quantity pricing.

CRL Offset Bottom Arms

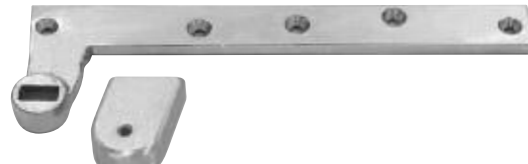
- Fit All Floor Mounted Door Closers With Flat Tapered Spindles
- Handed Left or Right

CRL Offset Bottom Arms are used with single acting doors where the Floor Closer is offset mounted. The Arms can be used with: 7/8" (22 mm) Flat Tapered Spindles; CRL Door Rails; aluminum, wood, and hollow metal doors. The Arms are handed, and are supplied with mounting screws, and a finished cover to complement the finish of the door. For replacement mounting screws order Cat. No. BA8SCR.

Right Hand Shown



Right Hand Shown



3/4" (19 MM) OFFSET BOTTOM ARMS

LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
CRL9077SC	CRL9079SC	Satin Chrome
CRL9077CH	CRL9079CH	Polished Chrome
CRL9077PB	CRL9079PB	Polished Brass
CRL9077DU	CRL9079DU	Dark Bronze

Minimum order: 1 each. Finishes and handing 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
95323LH DU	95323RH DU	Dark Bronze

Minimum order: 1 each. Finishes and handing can be combined for quantity pricing.

Rixson® Overhead Stops and Holders



- Protects Door and Entryway
- For Exterior or Interior Doors
- Concealed and Surface Mounted
- Non-Handed
- ANSI 156.8 Grade 1



Low Profile 6 Series Concealed Mount Overhead Stop

- Concealed Slide Track in Top Door Rail
- Moderate Traffic

CAT. NO.	DOOR OPENING TYPE		FINISH
	OFFSET PIVOTS/HINGES	CENTER-HUNG PIVOTS	
6236SS	28-1/16" to 33"	30" to 36"	Satin Stainless
6236PB	(713 to 838 mm)	(762 to 914 mm)	Polished Brass
6236DU			Painted Dark Bronze
6336SS	33-1/16" to 38"	36-1/16" to 41"	Satin Stainless
6336PB	(840 to 965 mm)	(916 to 1041 mm)	Polished Brass
6336DU			Painted Dark Bronze
6436SS	38-1/16" to 43"	41-1/16" to 46"	Satin Stainless
6436PB	(967 to 1092 mm)	(1043 to 1168 mm)	Polished Brass
6436DU			Painted Dark Bronze
6536SS	43-1/16" to 48"	46-1/16" to 50"	Satin Stainless
6536PB	(1094 to 1219 mm)	(1170 to 1270 mm)	Polished Brass
6536DU			Painted Dark Bronze

Minimum order: 1 each. All Overhead Stops can be combined for quantity pricing.

Overhead Stops and Holders are used to protect both doors and entire entryways from damage caused by violent door openings due to wind gusts, moderate traffic frequency, abuse, and vandalism. By limiting the door travel, they can prevent damage to the door frame, closer, hinges, and pivots.

Features and Specifications

- Low Profile Concealed Channel Slide Track
- Designed for Installation in Aluminum Door Webbing and Door Rails
- Non-Handed
- Heavy Shock Absorber Spring Provides 5 to 7 Degree Compression Before Reaching a Dead-Stop
- Non-Metal Slide Block
- 110 Degree Maximum Opening
- Furnished With Fasteners for Both Wood or Metal Door and Frame

Multi-Function 10 Series Surface Mount Overhead Stops and Holders

- For Interior Doors
- Surface Mounted for New or Retrofit Installations
- Moderate Traffic



Optional Mounting Bracket

CAT. NO.
5258

Features and Specifications

- Non-Handed – Slide Track Design
- Multi-Function Slider for Field Selection of Hold Open, Friction Stay or Stop Only
- Degree of Opening Fully Adjustable – 110 Degree Maximum Opening
- Heavy Shock Absorber Spring Provides 5 to 7 Degree Compression Before Reaching a Dead-Stop
- Non-Metal Slide and Shock Block
- Furnished With Fasteners for Both Wood or Metal Door and Frame
- Recommended for Moderate Traffic, Medium Weight Doors

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.

CAT. NO.	DOOR OPENING TYPE		FINISH
	OFFSET PIVOTS/HINGES	CENTER-HUNG PIVOTS	
10346SS	30-1/16" to 36"	32-1/16" to 38"	Satin Stainless
10346SA	(764 to 914 mm)	(814 to 965 mm)	Painted Aluminum
10346DU			Painted Dark Bronze
10446SS	36-1/16" to 42"	38-1/16" to 45"	Satin Stainless
10446SA	(916 to 1067 mm)	(967 to 1143 mm)	Painted Aluminum
10446DU			Painted Dark Bronze
10546SS	42-1/16" to 48"	45-1/16" to 48"	Satin Stainless
10546SA	(1068 to 1219 mm)	(1145 to 1219 mm)	Painted Aluminum
10546DU			Painted Dark Bronze

Minimum order: 1 each. All Overhead Stops can be combined for quantity pricing.

Rixson is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

go to crlaurence.com to search for

door-closers

Search

or enter the Catalog Number for complete product information

348Z

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





4

Sliding Glass Door and Wall Systems

PAGES
349Z - 452Z

Birmingham Series Bi-Folding
Top Hung Sliding Door System

Cabo Soft Slide
Sliding Door System **NEW!**

CRL Overhead
Bi-Fold Door System

Easy Slide Stacking
Partition System **NEW!**

Intelli-Track® Roller

Laguna Series Sliding
Door Systems **NEW!**

Monterey Bi-Folding
Door and Wall System

Sliding Door Systems

Stacking Door Systems

Stacking Partition Systems **NEW!**

Top Hung Sliding
Door Systems **NEW!**

Wood Door Kits



CRL
ALUMINUM
crlaurence.com • usalum.com

These products and more can be found in this catalog section. On the top and 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 **More Choices** in that category. To view **More Choices**, simply click on the red and white icon to be taken to a larger selection.

MORE CHOICES
crlaurence.com

CRL Monterey Series Bi-Folding Door and Wall System

PAGES 349Z-354Z

- Monterey S55/S55R Series
- Monterey S80-S80R Series

The Monterey Bi-Folding Glass Door and 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.



CRL Top Hung Sliding Door Systems

PAGES 355Z-418Z

- Models for 5/16" to 1/2" (8 to 12 mm) Glass
- Barn Style Doors
- European Designed Sliders
- Models Available With "Softbrake" Braking System for Soft Close

CRL 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.



CRL Bottom Rolling Door Systems

PAGES 419Z-431Z

- For 3/8" or 1/2" (10 or 12 mm) Glass
- Single and Bi-Parting Kits Available

The 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.



CRL SPS Stacking Partition Systems

PAGES 432Z-452Z

- Stacking Partition Featuring Intelli-Track®
- Convertible Pivoting/Sliding Doors
- Track Suspension System
- Easy Slide Stacking System



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 Heavy Glass Sliding and Stacking Door Systems

- For 1/4" to 3/4" (6 to 19 mm) Monolithic Tempered Glass and 3/4" to 1-1/4" (19 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 With Custom Finishes Available Upon Request

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. On 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 that 'all-glass' doors offer.



OR



go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

349Z

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



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



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. Please ask for Ext. 7770. You can send us an e-mail at partitions@crlaurence.com.

- All Systems Are Custom and Produced to Your Specifications
- Weather Resistant, Designed for Interior/Exterior Use
- New Construction or Retrofit, Commercial and Residential
- Simple to Operate, Panels Open and Close Easily
- Several Configurations With Inward or Outward Opening Options Available
- Wood Grain, White, and Black Powder Coat, Satin and Black/Bronze Anodized. Custom Colors Available on Special Order
- Fully Assembled, Ready for Glazing

Get started at crlaurence.com/monterey, then let our Technical Sales Department help you finalize a quotation for your project.



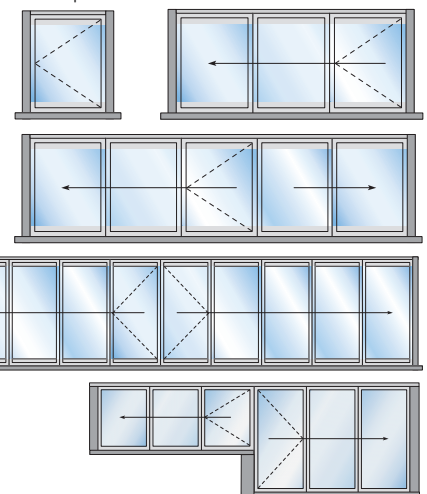
or



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.



Complete design flexibility allows the system to support any number of folding and pivoting panels in a single opening, with both inward and outward opening options.



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 Door and 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 and Florida (excluding High Velocity Hurricane Zones) building codes and testing. Test reports are available on request.



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	No	No
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 3/4 or 1" (19 or 25 mm)	Yes	Yes	No	No
Insulating Units 1" and 1-1/4" (25 and 32 mm)	No	No	Yes	Yes
Maximum Weight*	100 Lbs (45 kg)	130 Lbs (59 kg)	100 Lbs (45 kg)	130 Lbs (59 kg)
Maximum Leaf Width*	36" (914 mm)	36" (914 mm)	36" (914 mm)	36" (914 mm)
Maximum Height Interior*	9'-6" (2.9 m)	13'-6" (4.1 m)	9'-6" (2.9 m)	13'-6" (4.1 m)
Maximum Height Exterior*	9'-6" (2.9 m)	10'-6" (3.2 m)	9'-6" (2.9 m)	10'-6" (3.2 m)
2 Point Lever Latch	Yes	Yes	Yes	Yes
3 Point Keyed Lock	Yes	Yes	Yes	Yes
NFRC Rated	No	No	Yes	Yes
Raised Sill	Yes	Yes	Yes	Yes
Flush Mount Sill	Yes	Yes	Yes	Yes

*System panels must not exceed any of the maximum limitations.

MONTEREY™
Bi-Folding Door and Wall System
Interior and Exterior By C.R. Laurence Co., Inc. / U.S. Aluminum



or



go to crlaurence.com to search for

monterey

Search

or enter the Catalog Number for complete product information

351Z

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



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

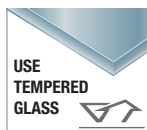


The Monterey S55 Series accommodates 1/4", 3/8" or 1/2" (6, 10, or 12 mm) monolithic, and 3/4" or 1" (19 or 25 mm) insulating glazing. Panels come standard with interior two point lever latches, and have an option for three point keyed locks for added security and access from the exterior.

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.



or



MONTEREY
Bi-Folding Door and Wall System
Interior and Exterior By C.R. Laurence Co., Inc. / U.S. Aluminum

CRL Monterey S55R Series

- Reinforced for Taller Doors

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



Design Firm: AECOM



Monterey is an excellent choice for office dividers.

KYNAR is a registered trademark of Arkema, Inc.

go to crlaurence.com to search for

monterey

Search

or enter the Catalog Number for complete product information

352Z

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

CRL
US ALUMINUM

CRL Monterey S80 Series

- Thermally Broken
- Flexibility to Fully or Partially Open
- Fully Assembled With or Without Glazing
- Almost Seamless Transition

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 CORAFLO® finishes, are available on special order.

MONTEREY™
Bi-Folding Door and Wall System
Interior and Exterior By C.R. Laurence Co., Inc. / U.S. Aluminum



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

CORAFLO® is a registered trademark of PPG Industries Ohio, Inc.

go to crlaurence.com to search for

monterey

Search

or enter the Catalog Number for complete product information

353Z

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

CRL®
U.S. ALUMINUM



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.



go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

354Z

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

CRL
U.S. ALUMINUM

CRL Laguna Series Sliding Glass Door System With Anti-Lift Safety Features

- For Use With 3/8" or 1/2" (10 or 12 mm) Glass
- Available in Brushed Stainless, Polished Stainless or Matte Black Finish
- Anti-Lift Feature for Added Safety
- 316 Grade Stainless Steel Construction for Durability
- Ideal for Commercial or Residential Applications
- Comes With All Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- See Page 364Z for Wood Door Applications

MODEL **NEW!**



Anti-Lift Single Top Roller



NEW Anti-Lift Double Top Roller For Contemporary Design



NEW "Softbrake" Kits For Soft Closing



Typical Wall Mount Installation



Typical Glass Mount Installation

CRL has expanded the popular Laguna Series Sliding Glass Door line to include optional "Softbrake" Kits and Double Top Roller Kits. In addition, all kits are now available in either Brushed Stainless or Polished Stainless Finishes, and our most popular kits come in Matte Black. The NEW "Softbrake" option, for wall mounted kits, provides a controlled, quiet closure and prevents the doors from "slamming" open or closed. The **NEW** finish options, and **NEW** Double Top Rollers give you a variety of aesthetically pleasing options to accommodate the most imaginative designers.

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.

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 a wide variety of kits for Wall Mounting or Glass Mounting. We also offer an Adapter Kit, Cat. No. LSWMADT, to convert these Laguna Kits for use with wood doors.

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, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

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)
Maximum Track Length:	240" (6.1 m)

NOTE: Laminated glass cannot be used in these systems.

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

355Z

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

CRL
 ALUMINUM

CRL Laguna Series Wall Mount Slider Kits With Single Top Rollers

FINISHES

NEW!

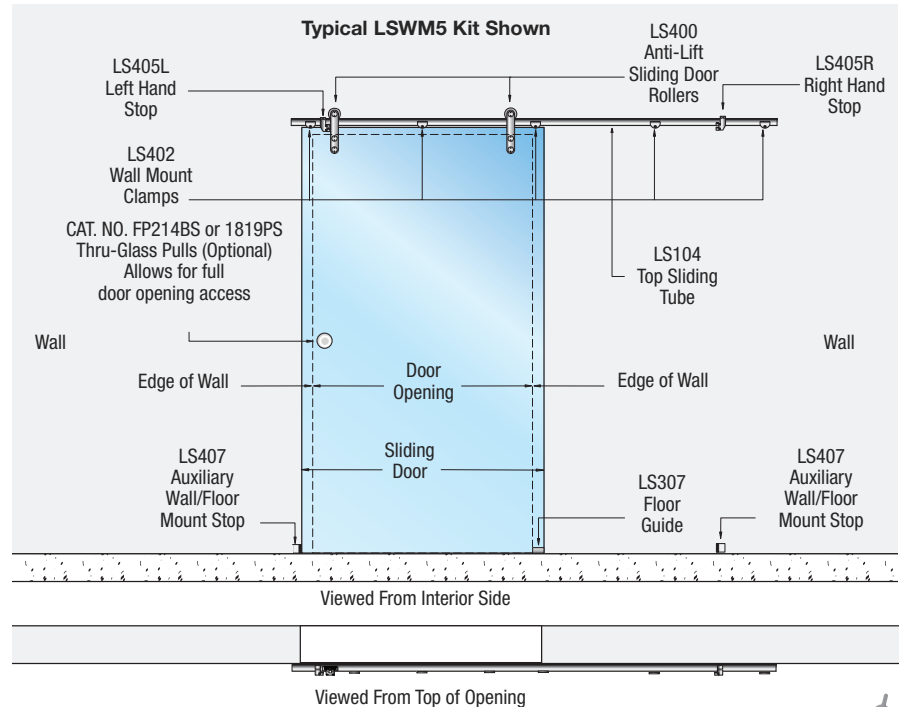


- NEW Optional "Softbrake" Braking System Assures Quiet Closing and Prevents Slamming
- Kits Available in Brushed Stainless, Polished Stainless, or Matte Black Finish
- Assembly Contains All Necessary Hardware to Complete Installation
- 316 Grade Stainless Steel Construction
- Anti-Lift Design for Added Safety
- All Kits Include Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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. Complete glass fabrication details and drawings are available from crlaurence.com/sliding-glass-doors.

NOTE: This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. For longer top sliding tubes see page 366Z.



ARCHITECTURAL SPECIFICATIONS

WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	FINISH
LSWM5BS	LSWM7BS	Brushed Stainless
LSWM5PS	LSWM7PS	Polished Stainless
LSWM5MBL	LSWM7MBL	Matte Black

Minimum order: 1 each. Must ship common carrier.

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)

Each Kit Contains:



(5) LS402 Top Sliding Tube Wall Mount Clamps



(2) LS505 "Softbrake"
(One Left Hand and One Right Hand Included With LSWM7 Kits Only)



(1) LS104 Top Sliding Tube With End Caps at 104" (2.64 m) in Length



(1) LS307 Bottom Floor Guides



(2) LS407 Auxiliary Wall/Floor Mount Door Stops



(2) LS405 Door Stops (One Left Hand and One Right Hand)



(2) LS400 Anti-Lift Single Top Rollers (LS500 Rollers Included With LSWM7 Kits)

CRL Laguna Series Wall Mount Slider Kits With Double Top Rollers

NEW!

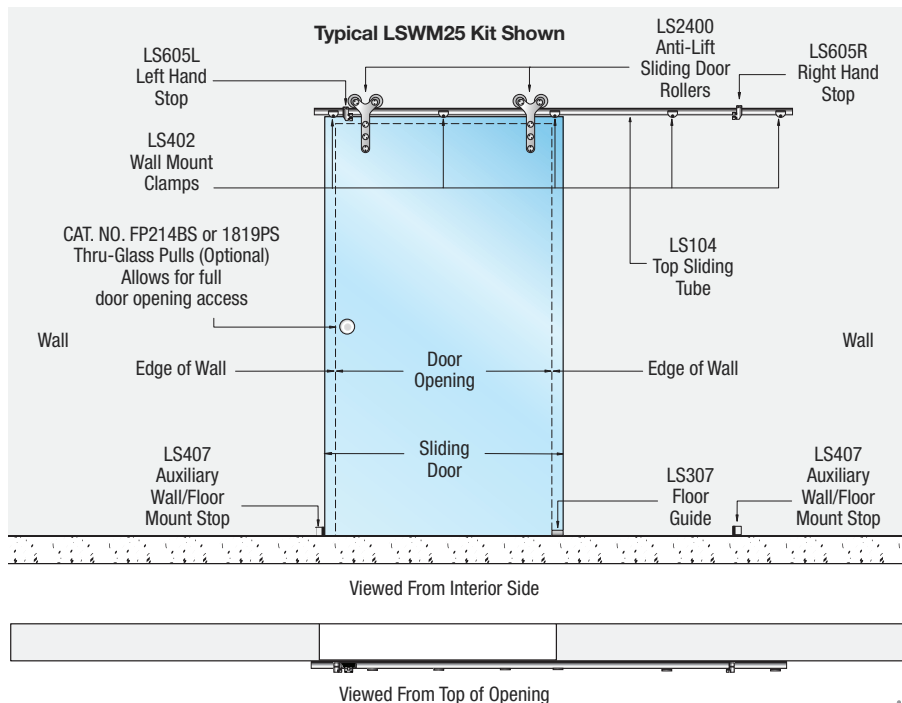

- NEW Double Top Rollers For Contemporary Design
- NEW Optional "Softbrake" Braking System Assures Quiet Closing and Prevents Slamming
- Kits Available in Brushed Stainless, Polished Stainless or Matte Black Finish
- Assembly Contains All Necessary Hardware to Complete Installation
- 316 Grade Stainless Steel Construction
- Anti-Lift Design for Added Safety
- All Kits Include Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass

These new CRL Laguna Series Wall Mount Single Slider Kits with Double Top Rollers are an expansion of our popular Laguna Sliding Door Series. The Double Top Rollers allow for smooth sliding action in addition to a desirable architectural aesthetic. 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. Complete glass fabrication details and drawings are available from crlaurence.com/sliding-glass-doors.

NOTE: This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. For longer top sliding tubes see page 366Z.

Each Kit Contains:


ARCHITECTURAL SPECIFICATIONS

WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	FINISH
LSWM25BS	LSWM27BS	Brushed Stainless
LSWM25PS	LSWM27PS	Polished Stainless
LSWM25MBL	LSWM27MBL	Matte Black

Minimum order: 1 each. Must ship common carrier.

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)

CRL Laguna Series Wall Mount Bi-Parting Slider Kits With Single Top Rollers

FINISHES

NEW!

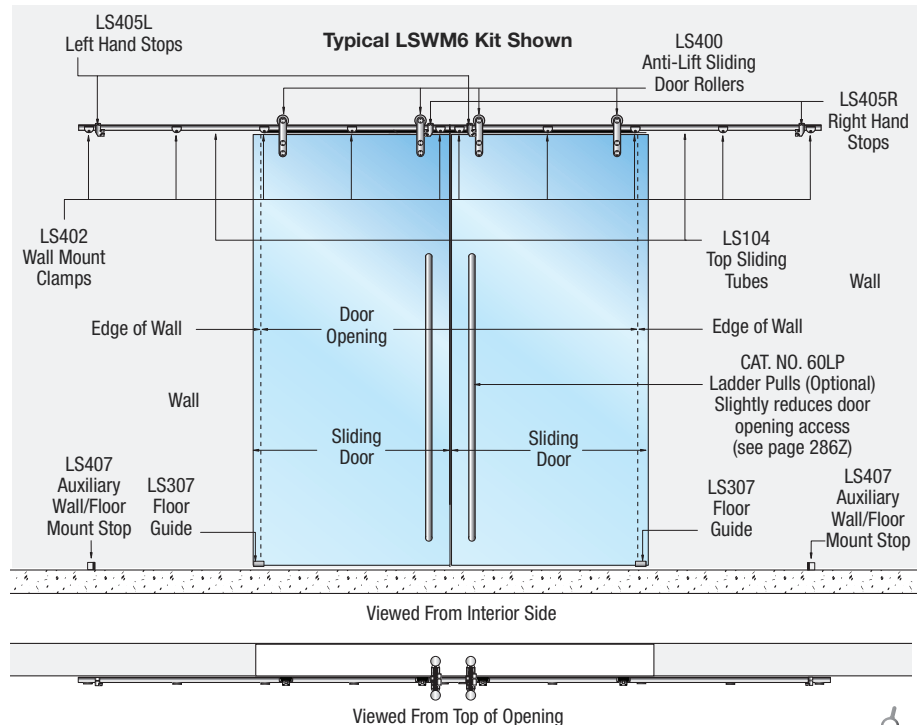


- NEW Optional "Softbrake" Braking System Assures Quiet Closing and Prevents Slamming
- Kits Available in Brushed Stainless, Polished Stainless, or Matte Black Finish
- Assembly Contains All Necessary Hardware to Complete the Installation
- 316 Grade Stainless Steel Construction
- Anti-Lift Design for Added Safety
- All Kits Includes Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass

The CRL Laguna Series Wall Mount Bi-Parting Slider Kits contain 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. Complete glass fabrication details and drawings are available from crlaurence.com/sliding-glass-doors.

NOTE: This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. For longer top sliding tubes see page 366Z.



WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	FINISH
LSWM6BS	LSWM8BS	Brushed Stainless
LSWM6PS	LSWM8PS	Polished Stainless
LSWM6MBL	LSWM8MBL	Matte Black

Minimum order: 1 each. Must ship common carrier.

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)

Each Kit Contains:



go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

358Z

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



CRL Laguna Series Wall Mount Bi-Parting Slider Kits With Double Top Rollers

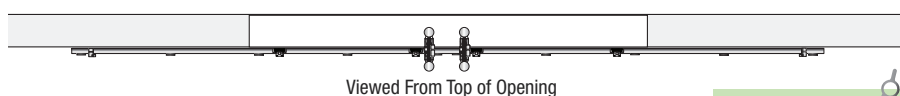
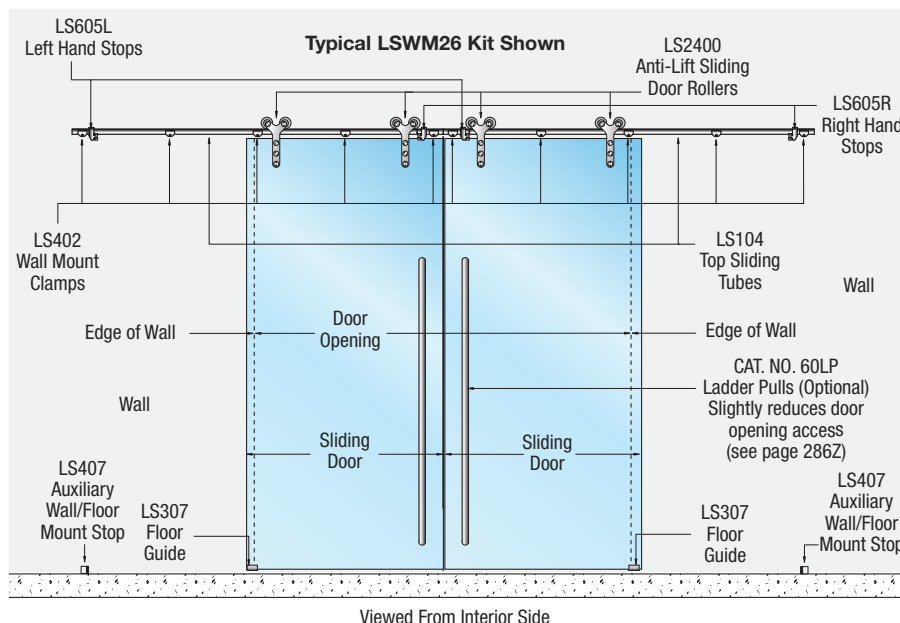
NEW!


- NEW Double Top Rollers For Contemporary Design
- Optional "Softbrake" Braking System Assures Quiet Closing and Prevents Slamming
- Kits Available in Brushed Stainless, Polished Stainless, or Matte Black Finish
- Assembly Contains All Necessary Hardware to Complete Installation
- 316 Grade Stainless Steel Construction for Durability
- Anti-Lift Design for Added Safety
- All Kits Include Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass

These New Laguna Series Slider Kits with Double Top Rollers are an expansion of our popular Laguna Sliding Door Series. The Double Top Rollers allow for a smooth sliding action in addition to a desirable architectural aesthetic. 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 adjustments to aid in door alignment. Complete glass fabrication details and drawings are available from crlaurence.com/sliding-glass-doors.

NOTE: This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. For longer top sliding tubes see page 366Z.

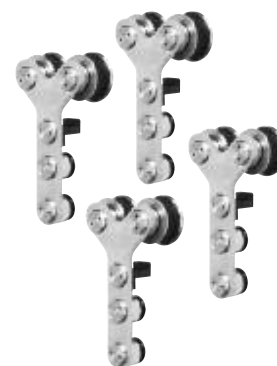


WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	FINISH
LSWM26BS	LSWM28BS	Brushed Stainless
LSWM26PS	LSWM28PS	Polished Stainless
LSWM26MBL	LSWM28MBL	Matte Black

Minimum order: 1 each. Must ship common carrier.

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)

Each Kit Contains:



go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

359Z

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

CRL
ALUMINUM

CRL Laguna Series Glass Mount Single Slider Kit With Single Top Rollers

- Kits Available in Brushed Stainless, Polished Stainless or Matte Black Finish
- Assembly Contains All Necessary Hardware to Complete Installation
- 316 Grade Stainless Steel Construction
- Improved Anti-Lift Design for Added Safety
- All Kits Includes Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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 Single 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. Complete glass fabrication details and drawings are available from crlaurence.com/sliding-glass-doors

NOTE: This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. For longer top sliding tubes see page 366Z.

Each Kit Contains:



(6) LS403 Top Sliding Tube Glass Mount Clamps



(1) LS307 Bottom Floor Guides



(2) LS407 Auxiliary Wall/Floor Mount Door Stops



(1) LS104 Top Sliding Tube at 104" (2.64 m) in Length With End Caps



(2) LS405 Door Stops (One Left Hand and One Right Hand)

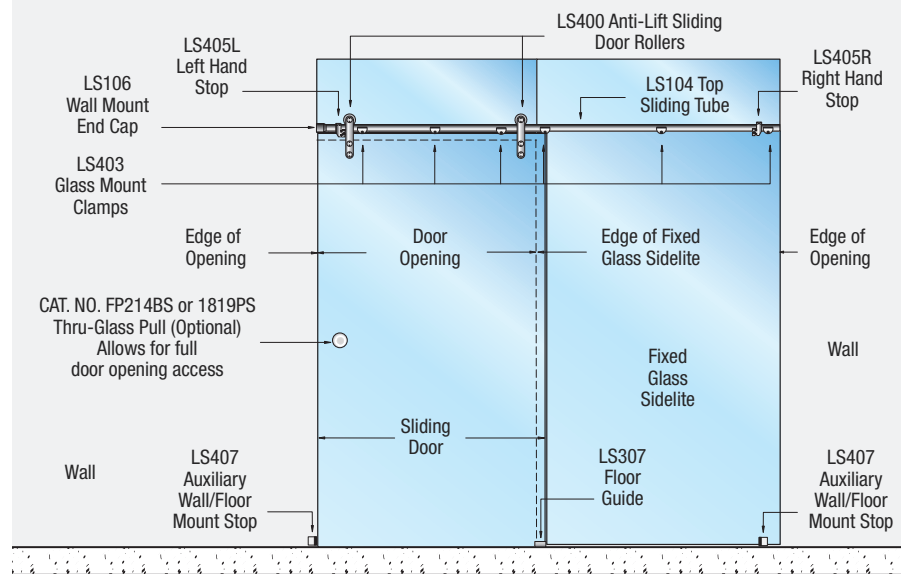


(1) LS106 Top Sliding Tube Wall Mount End Cap (Fastener to Wall is Not Included)



(2) LS400 Anti-Lift Top Rollers

Typical LSGM5 Kit Shown



Viewed From Interior Side

Viewed From Top of Opening

ARCHITECTURAL SPECIFICATIONS

CAT. NO.

LSGM5BS
LSGM5PS
LSGM5MBL

FINISH

Brushed Stainless
Polished Stainless
Matte Black

Minimum order: 1 each. Must ship common carrier.

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)

CRL Laguna Series Glass Mount Single Slider Kit With Double Top Rollers

NEW!


- NEW Double Top Rollers for Contemporary Design
- Kits Available in Brushed Stainless, Polished Stainless or Matte Black Finish
- Assembly Contains All Necessary Hardware to Complete Installation
- 316 Grade Stainless Steel Construction
- Anti-Lift Design for Added Safety
- All Kits Include Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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 Double 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. Complete glass fabrication details and drawings are available from crlaurence.com/sliding-glass-doors.

NOTE: This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. For longer top sliding tubes see page 366Z.

Each Kit Contains:



(6) LS403 Top Sliding Tube Glass Mount Clamps



(2) LS407 Auxiliary Wall/Floor Mount Door Stops



(2) LS605 Door Stops (One Left Hand and One Right Hand)



(1) LS307 Bottom Floor Guides



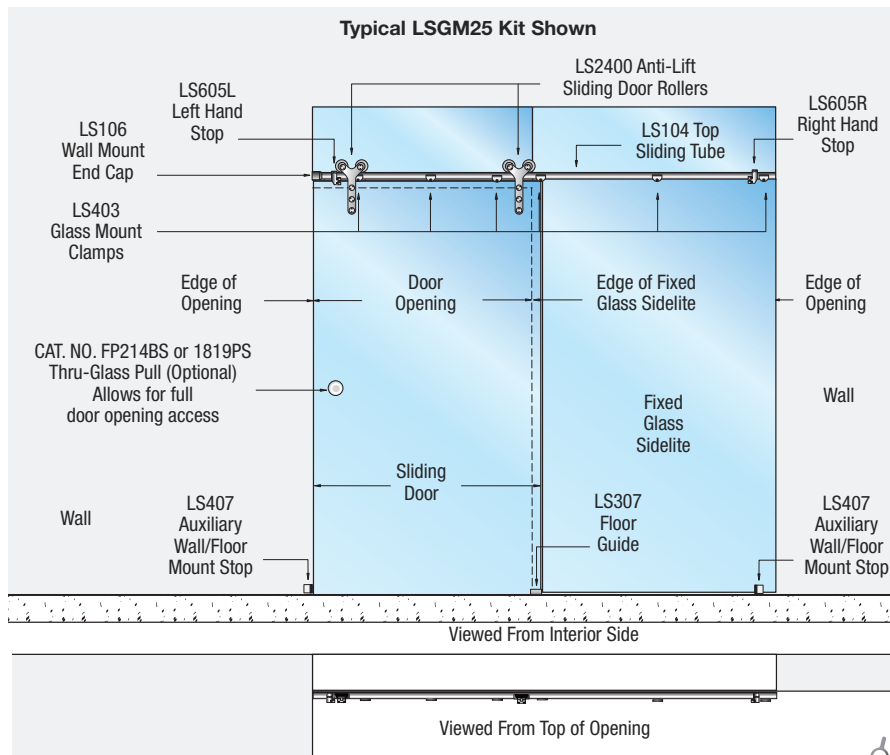
(1) LS104 Top Sliding Tube at 104" (2.64 m) in Length With End Caps



(1) LS106 Top Sliding Tube Wall Mount End Cap (Fastener to Wall is Not Included)



(2) LS2400 Anti-Lift Top Rollers With Glass Fittings



CAT. NO.

LSGM25BS
LSGM25PS
LSGM25MBL

FINISH

Brushed Stainless
Polished Stainless
Matte Black

Minimum order: 1 each. Must ship common carrier.

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)

CRL Laguna Series Glass Mount Single Slider With Sidelites and Single Top Rollers Kit

- Kits Available in Brushed Stainless, Polished Stainless or Matte Black Finish
- Assembly Contains All Necessary Hardware to Complete Installation
- 316 Grade Stainless Steel Construction
- Anti-Lift Design for Added Safety
- All Kits Include Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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 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 Single 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. Complete glass fabrication details and drawings are available from crlaurence.com/sliding-glass-doors.

NOTE: This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. For longer top sliding tubes see page 366Z.

Each Kit Contains:



(7) LS403 Top Sliding Tube Glass Mount Clamps



(1) LS307 Bottom Floor Guides



(2) LS407 Auxiliary Wall/Floor Mount Door Stops



(1) LS104 Top Sliding Tube at 104" (2.64 m) in Length With End Caps

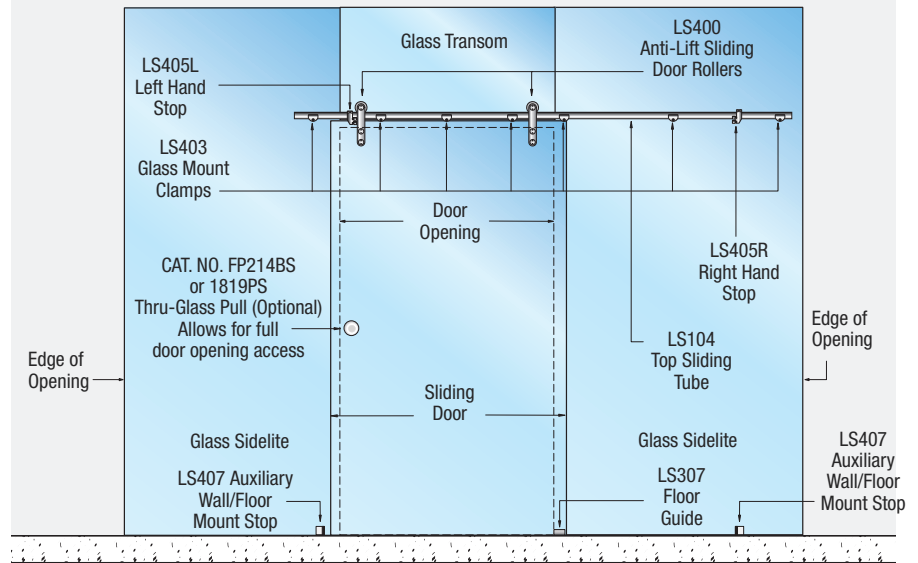


(2) LS405 Door Stops (One Left Hand and One Right Hand)



(2) LS400 Anti-Lift Single Top Rollers With Glass Fittings

Typical LSGM6 Kit Shown



Viewed From Interior Side



Viewed From Top of Opening

ARCHITECTURAL SPECIFICATIONS

CAT. NO.

LSGM6BS
LSGM6PS
LSGM6MBL

FINISH

Brushed Stainless
Polished Stainless
Matte Black

Minimum order: 1 each. Must ship common carrier.

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)

CRL Laguna Series Glass Mount Single Slider With Sidelites and Double Top Rollers Kit

NEW!


- NEW Double Top Rollers for Contemporary Design
- Kits Available in Brushed Stainless, Polished Stainless, or Matte Black Finish
- Assembly Contains All Necessary Hardware to Complete Installation
- 316 Grade Stainless Steel Construction
- Anti-Lift Design for Added Safety
- All Kits Include Fasteners Needed for Either Flush (Countersunk) or Surface (Straight Hole) Mounting
- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass

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 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 Double 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. Complete glass fabrication details and drawings are available from crlaurence.com/sliding-glass-doors.

NOTE: This system should only be used with 3/8" or 1/2" (10 or 12 mm) tempered glass. Laminated glass cannot be used. For longer top sliding tubes see page 366Z.

Each Kit Contains:



(7) LS403 Top Sliding Tube Glass Mount Clamps



(1) LS307 Bottom Floor Guides



(2) LS407 Auxiliary Wall/Floor Mount Door Stops



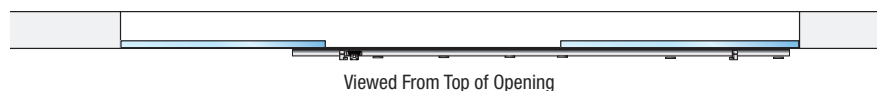
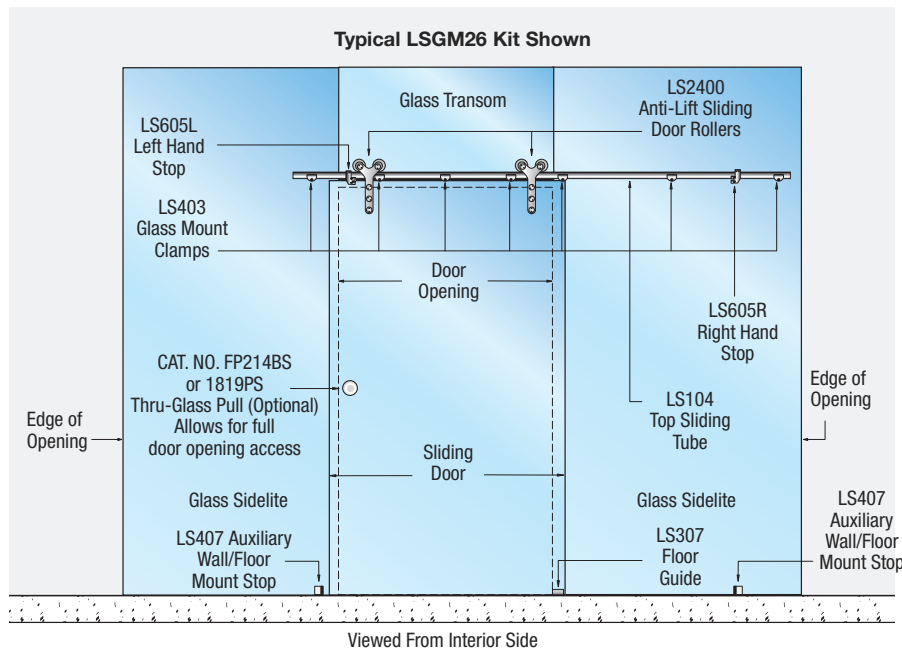
(1) LS104 Top Sliding Tube at 104" (2.64 m) in Length With End Caps



(2) LS605 Door Stops (One Left Hand and One Right Hand)



(2) LS2400 Anti-Lift Double Top Rollers With Glass Fittings


ARCHITECTURAL SPECIFICATIONS


CAT. NO.

LSGM26BS
LSGM26PS
LSGM26MBL

FINISH

Brushed Stainless
Polished Stainless
Matte Black

Minimum order: 1 each. Must ship common carrier.

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)

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

363Z

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

CRL
ALUMINUM

CRL Laguna Sliding Door Hardware Adaptor Kit for Wood Doors

FINISHES

NEW!

- Easily Adapts Our Laguna Slider Kits to Work With Wood Doors From 1-3/8" to 1-3/4" (35 to 45 mm) Thick
- 316 Grade Stainless Steel for Durability
- Kits Available in Brushed Stainless, Polished Stainless, or Matte Black 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 3/8" (10 mm) thick Wall Mount Bracket Spacers and one Floor Guide. All parts are made of 316 Grade stainless steel. One kit is required per door.

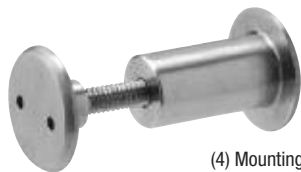
For additional information or assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.



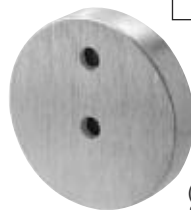
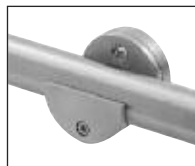
CAT. NO.	FINISH
LSWMADT	Brushed Stainless
LSWMADTPS	Polished Stainless
LSWMADTMBL	Matte Black

Minimum order: 1 each.

Each Kit Contains:



(4) Mounting Bolts to secure Wood Door to Anti-Lift Top Rollers



(5) Wall Mount Bracket Spacers 3/8" (10 mm) thick fit behind LS402 Clamps



(1) Floor Guide

Also Available....
CRL Laguna Series Pivot Door Systems
Pages 188Z-191Z



- 316 Grade Stainless Steel
- Ideal for Interior Room Applications



go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

364Z

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

CRL
ALUMINUM

CRL Laguna Sliding Glass Door Replacement Components

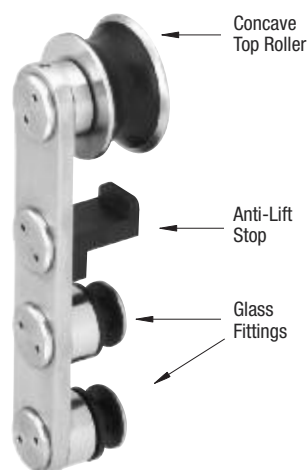
Anti-Lift Single Top Roller

NEW!

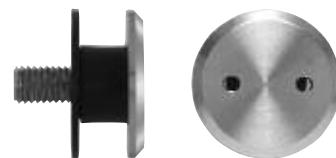
- Brushed Stainless, Polished Stainless or Matte Black Finish
- Includes Both Surface Mount and Flush Mount Fittings
- Allows 1/8" (3 mm) Up or Down Vertical Adjustment

CAT. NO.	"SOFTBRAKE" BRACKET	FINISH
LS400BS	No	Brushed Stainless
LS400PS	No	Polished Stainless
LS400MBL	No	Matte Black
LS500BS	Yes*	Brushed Stainless
LS500PS	Yes*	Polished Stainless
LS500MBL	Yes*	Matte Black

Minimum order: 1 each. * "Softbrake" Kits must be purchased separately (see below).



Supplied With:



Two Cat. No. LS511 Surface Mount Glass Fittings



Two Cat. No. LS510 Flush Mount Glass Fittings

Two CRL Laguna Series Anti-Lift Top Rollers are needed for each sliding door panel. These will be placed on the Cat. No. LS104 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.

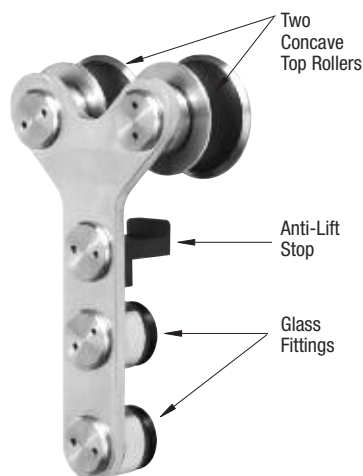
Anti-Lift Double Top Roller

NEW!

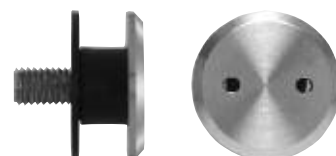
- NEW Double Roller for Contemporary Design
- Brushed Stainless, Polished Stainless or Matte Black Finish
- Allows 1/8" (3 mm) Up or Down Vertical Adjustment
- Includes Both Surface Mount and Flush Mount Fittings

CAT. NO.	"SOFTBRAKE" BRACKET	FINISH
LS2400BS	No	Brushed Stainless
LS2400PS	No	Polished Stainless
LS2400MBL	No	Matte Black
LS2500BS	Yes*	Brushed Stainless
LS2500PS	Yes*	Polished Stainless
LS2500MBL	Yes*	Matte Black

Minimum order: 1 each. * "Softbrake" Kits must be purchased separately (see below).



Supplied With:



Two Cat. No. LS511 Surface Mount Glass Fittings



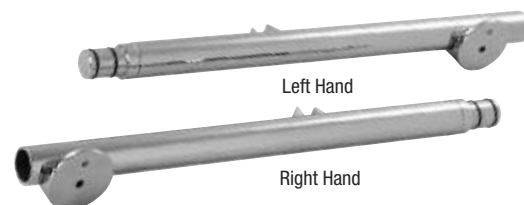
Two Cat. No. LS510 Flush Mount Glass Fittings

Two CRL Laguna Series Anti-Lift Double Top Rollers are needed for each sliding door panel. These will be placed on the Cat. No. LS104 Top Sliding Tube after it has been mounted to the glass panels or walls. 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.

Laguna Series "Softbrake" Kits

- For Use With the Laguna LS500 or LS2500 Anti-Lift Rollers
- Controls the Final 2-1/4" (57 mm) of Door Travel
- Brushed Stainless, Polished Stainless or Matte Black Finish
- CANNOT Be Used On Laguna Glass Mount Installations

The CRL Laguna "Softbrake" Kit comes with all the hardware to install on the LS104 Top Sliding Tube, and is used only with the LS500 or LS2500 Anti-Lift Rollers. Some existing Laguna wall mount installations can be retrofitted; contact Technical Sales for assistance.

NEW!


LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
LS505LBS	LS505RBS	Brushed Stainless
LS505LPS	LS505RPS	Polished Stainless
LS505LMBL	LS505RMBL	Matte Black

Minimum order: 1 each.

CRL Laguna Sliding Glass Door Replacement Components

Top Sliding Tube and End Caps

- Supports Wall or Glass Mount Sliding Doors
- Brushed Stainless, Polished Stainless, or Matte Black 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. LS402 Top Sliding Tube Wall Mount Clamps, or to glass panels when using Cat. No. LS403 Top Sliding Tube Glass Mount Clamp Fittings.

NOTE: LS104 comes with two LS104CAP End Caps. LS240 does not include End Caps, they must be ordered separately. A dab of RTV408C Silicone is recommended to secure the Cap.

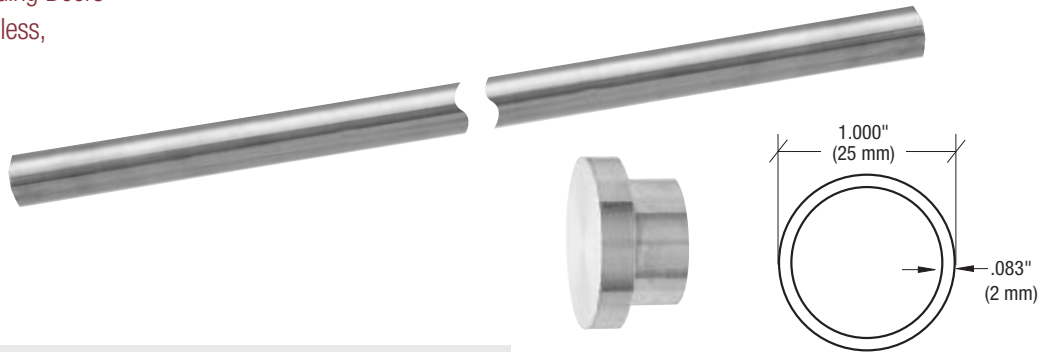
CAT. NO.	LENGTH	FINISH
LS104BS	104" (2.6 m)	Brushed Stainless
LS104PS	104" (2.6 m)	Polished Stainless
LS104MBL	104" (2.6 m)	Matte Black
LS240BS	240" (6.1 m)	Brushed Stainless
LS240PS	240" (6.1 m)	Polished Stainless

Minimum order: 1 each. Must ship common carrier.

REPLACEMENT CAP

CAT. NO.	FINISH
LS104CAP	Brushed Stainless
LS104CAPPS	Polished Stainless
LS104CAPMBL	Matte Black

Minimum order: 1 each.



NEW!

Top Sliding Tube Wall Mount End Cap

- Used for Installations Where Top Sliding Tube Terminates at Wall
- Brushed Stainless, Polished Stainless or Matte Black Finish

The CRL Top Sliding Tube Wall Mount End Cap is a non-handed fitting. It is used in conditions where the Cat. No. LS104 or LS240 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.



End Cap shown installed on Top Sliding Tube (not included)

CAT. NO.	FINISH
LS106BS	Brushed Stainless
LS106PS	Polished Stainless
LS106MBL	Matte Black

Minimum order: 1 each.



NEW!

Top Sliding Tube Wall Mount Clamp

- Used in Wall Mount Applications
- Improved Anti-Lift System
- Brushed Stainless, Polished Stainless or Matte Black 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. LS104 Top Sliding Tube is then clamped in place by tightening the jaws of the Clamp.

CAT. NO.	FINISH
LS402BS	Brushed Stainless
LS402PS	Polished Stainless
LS402MBL	Matte Black

Minimum order: 1 each.



NEW!

Top Sliding Tube Glass Mount Clamp

- Used in Glass Transom and Sidelite Applications
- Improved Anti-Lift System
- Brushed Stainless, Polished Stainless or Matte Black 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. LS104 Top Sliding Tube is then clamped in place by tightening the jaws.

CAT. NO.	FINISH
LS403BS	Brushed Stainless
LS403PS	Polished Stainless
LS403MBL	Matte Black

Minimum order: 1 each.



NEW!

CRL Laguna Sliding Glass Door Replacement Components

Single Roller Door Stops for Top Tube

NEW!

- For Use With LS400 or LS500 Top Rollers
- Protects Finished Opening by Preventing Over-Travel of Door Panel
- Simple to Install
- Brushed Stainless, Polished Stainless or Matte Black Finish

CAT. NO. LS105RB
Replacement Bumper Set



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
LS405LBS	LS405RBS	Brushed Stainless
LS405LPS	LS405RPS	Polished Stainless
LS405LMBL	LS405RMBL	Matte Black

Minimum order: 1 each.

Left Hand



Right Hand

These Door Stops prevent 'over travel' of the door panels used in Laguna Series Assemblies with LS400 or LS500 Single Rollers, which helps protect the finished opening and the glass. Door Stops are installed by simply sliding them over the end of the Cat. No. LS104 Top Sliding Tube and then tightening them in place. **NOTE:** Left or right handing is determined as viewed from the hardware side of the opening.

Double Roller Door Stops for Top Tube

- For Use With LS2400 or LS2500 Top Rollers
- Protects Finished Opening by Preventing Over-Travel of Door Panel
- Simple to Install
- Brushed Stainless, Polished Stainless or Matte Black Finish

CAT. NO. LS105RB
Replacement Bumper Set



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
LS605LBS	LS605RBS	Brushed Stainless
LS605LPS	LS605RPS	Polished Stainless
LS605LMBL	LS605RMBL	Matte Black

Minimum order: 1 each.

Left Hand



Right Hand

These Double Roller Door Stops prevent 'over-travel' of the door panels used in Laguna Series Assemblies with LS2400 or LS2500 Double Rollers, which helps protect the finished opening and the glass. Door Stops are installed by simply sliding them over the end of Cat. No. LS104 Top Sliding Tube and then tightening them in place. **NOTE:** Left or right handing is determined as viewed from the hardware side of the opening.

Bottom Floor Guide

- Adjustable for 3/8" and 1/2" (10 and 12 mm) Glass Doors
- Brushed Stainless, Polished Stainless or Matte Black 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.

CAT. NO.	FINISH
LS307BS	Brushed Stainless
LS307PS	Polished Stainless
LS307MBL	Matte Black

Minimum order: 1 each.



Auxiliary Wall/Floor Mount Door Stop

- Works Along With Top Mount Door Stops to Protect the Finished Opening
- Brushed Stainless, Polished Stainless or Matte Black Finish

The 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" (46 mm) diameter, 1-9/16" (40 mm) high.

CAT. NO.	FINISH
LS407BS	Brushed Stainless
LS407PS	Polished Stainless
LS407MBL	Matte Black

Minimum order: 1 each.



go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

367Z

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

CRL
ALUMINUM

CRL Top Sliding Tube Ceiling Mount Clamp

- Used in Laguna Ceiling Mount Applications
- Improved Anti-Lift System

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.

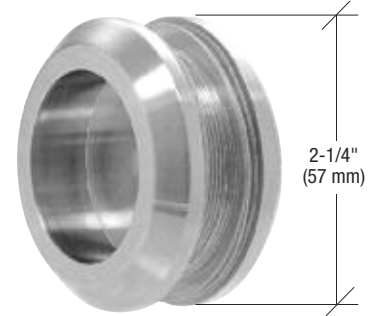


CAT. NO.	FINISH
LS412BS	Brushed Stainless
LS412PS	Polished Stainless
LS412MBL	Matte Black

Minimum order: 1 each.

CRL Thru-Glass Pull

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- 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

CRL Thru-Glass Pull Handle for Sliding Glass Doors

- Low Profile
- Solid Stainless Steel
- Hole Required in Glass



The CRL Thru-Glass Pull Handle has a recessed low profile design that screws together to install. Its solid stainless steel construction makes this a rugged yet elegant solution for a pull handle for a sliding glass door. The thickness of this Thru-Glass Pull doesn't impede movement in front of wall or glass sidelites as it allows for full door opening access. It is supplied with clear PVC gaskets to accommodate door glass from 3/8" to 1/2" (10 to 12 mm) thick. Requires a minimum 1-19/32" (40 mm) hole in glass panel for installation.

CAT. NO.	FINISH
1819BS	Brushed Stainless
1819PS	Polished Stainless

Minimum order: 1 each. All Pulls can be combined for quantity pricing.

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 Fabrication Required:
Glass Cut-Out With Polished Edges;
Two 1/2" (13 mm) Diameter Holes

CAT. NO.	FINISH
SGH8CH	Chrome
SGH8BR	Brass
SGH8BN	Brushed Nickel
SGH8SC	Satin Chrome

Minimum order: 1 each. Finishes can be combined for quantity pricing.

CRL 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

CRL 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

CRL 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



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.

go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

369Z

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

CRL
ALUMINUM



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.



go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

370Z

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

CRL
US ALUMINUM

CRL50/51 Series Top Hung Sliding Door Kits



- For Use With 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Kits for Single Doors, Synchronized Doors, and Telescoping Doors
- Many Models Available With "Softbrake" Braking System
- 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 again! The "Softbrake" cushions the opening and closing of the doors gently, quietly, and is virtually unseen.

The "Softbrake" is completely concealed in the top track and

engages during the final 4" (102 mm) of travel. This prevents the glass from impacting the frame or adjacent glass panel (one "Softbrake" is required for each direction of travel to be controlled per panel).

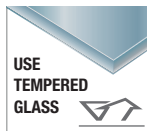
CRL50 Kits are also available with optional 'synchronization' of bi-parting doors where the operation of one panel moves the other. A 'telescoping' option is also available where the panels slide in the same direction and stack away together. You can also enjoy the best of both with our combination 'synchronized' and 'telescoping' options all in one. Kits are available in satin anodized finish with optional covers available in white paint or brite anodized.

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, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.



CRL50/51 Series Wall Mount Sliding Door Kits

- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- CRL51 Series Features Optional "Softbrake" Braking System
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 59" (1.5 m)
- Satin Anodized Finish

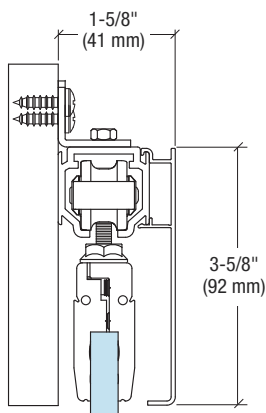


These CRL50/51 Kits are designed for use where top track mounts to a structural wall. Kits come with all the hardware needed to complete the installation, except the glass and door pull.

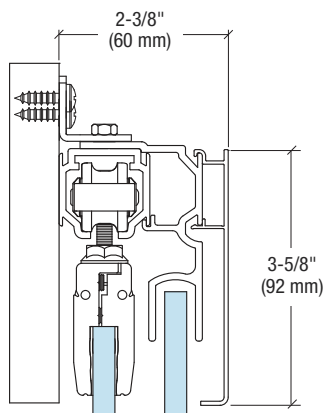
Kits with the optional "Softbrake" Braking System come with two "Softbrake" Kits to control the sliding panel in both directions. Minimum sliding panel width of 31-1/2" (800 mm) for control in both directions of travel. For a detailed listing of components and installation instructions of each Kit go to crlaurence.com/sliding-glass-doors.

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

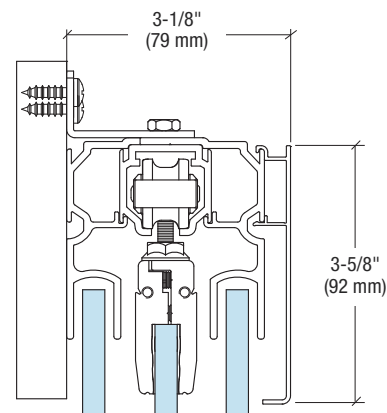
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



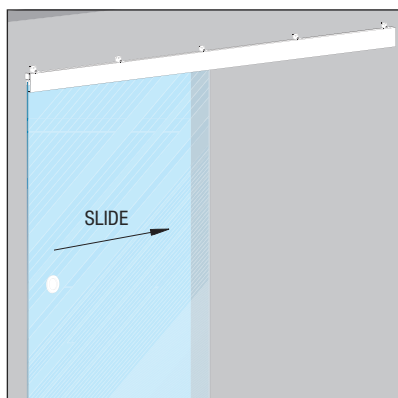
CAT. NO. CRL50/51



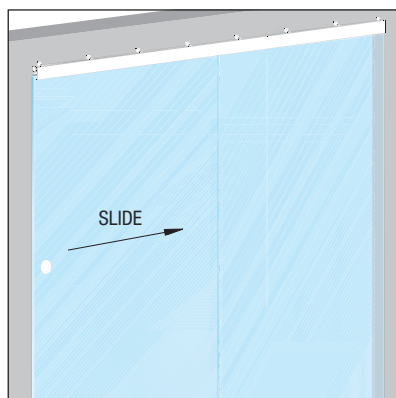
CAT. NO. CRL501/511



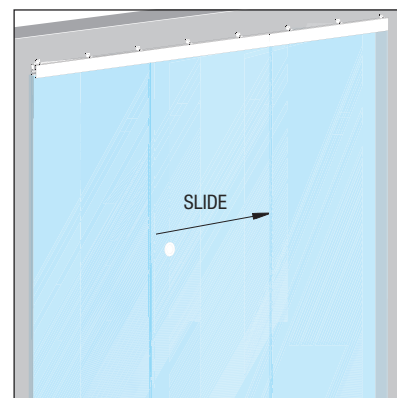
CAT. NO. CRL502/512



Single Sliding Door Kit

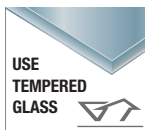


Single Sliding Door With One Sidelite Kit



Single Sliding Door With Two Sidelites Kit

CRL50/51 Series Ceiling Mount Sliding Door Kits



- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- CRL51 Series Features Optional "Softbrake" Braking System
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 59" (1.5 m)
- Satin Anodized Finish

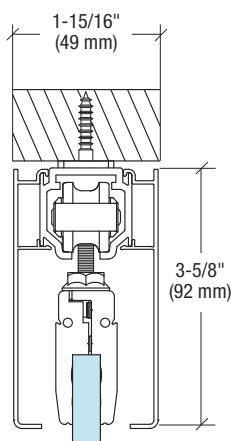
These CRL50/51 Kits are designed for use where the top track mounts to a structural ceiling. Kits come with all the hardware needed to complete the installation, except the glass and door pull.

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.

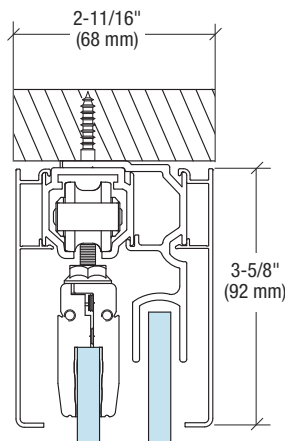


WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	DESCRIPTION
CRL50C	CRL51C	Single Sliding Door Kit
CRL501C	CRL511C	Single Sliding Door With One Sidelite Kit
CRL502C	CRL512C	Single Sliding Door With Two Sidelites Kit

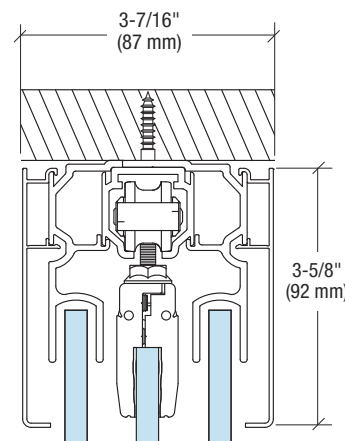
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



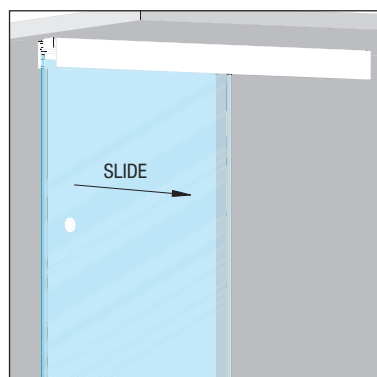
CAT. NO. CRL50C/51C



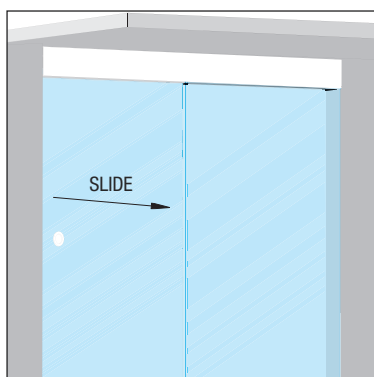
CAT. NO. CRL501C/511C



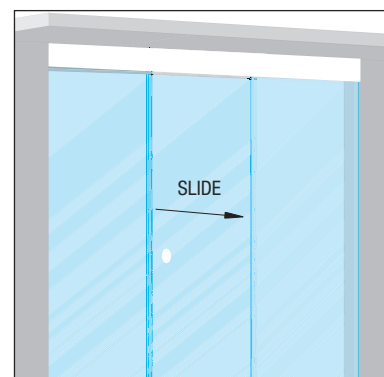
CAT. NO. CRL502C/512C



Single Sliding Door Kit

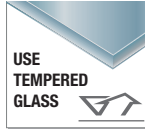


Single Sliding Door With One Sidelite Kit



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
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 59" (1.5 m)
- Satin Anodized Finish

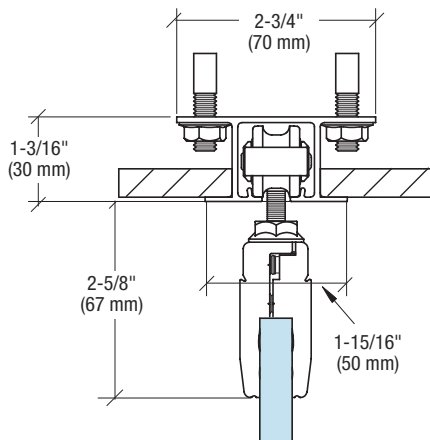
These CRL50 Kits are designed for use with dropped ceilings. Kits come with all the hardware needed to complete the installation, except the glass and door pull. Satin Anodized Hanger Covers and End Caps supplied with the Kits create an optional "full rail" look. For a detailed listing of the components 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.

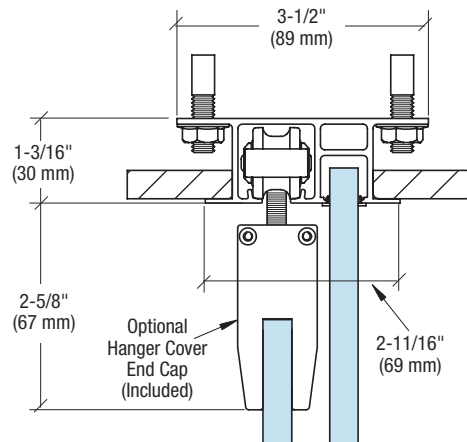


CAT. NO.	DESCRIPTION
CRL50D	Single Sliding Door Kit
CRL501D	Single Sliding Door With One Sidelite Kit

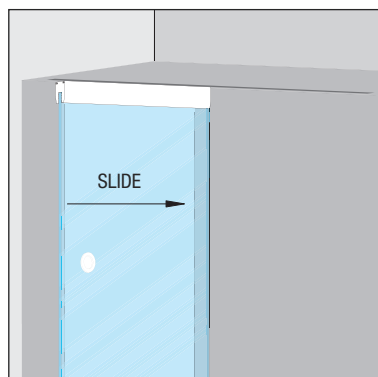
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



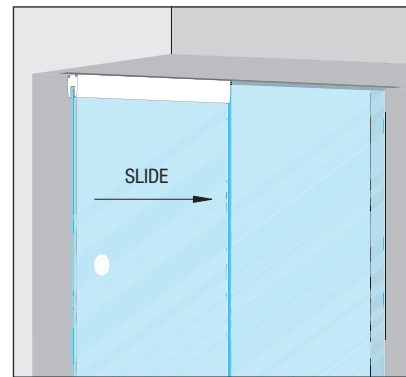
CAT. NO. CRL50D



CAT. NO. CRL501D



Single Sliding Door Kit



Single Sliding Door With One Sidelite Kit

CRL50 Series Synchronized Wall Mount Bi-Parting Sliding Door Kits

- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Synchronized Operation of Two Bi-Parting Panels
- 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)
- Satin Anodized Finish

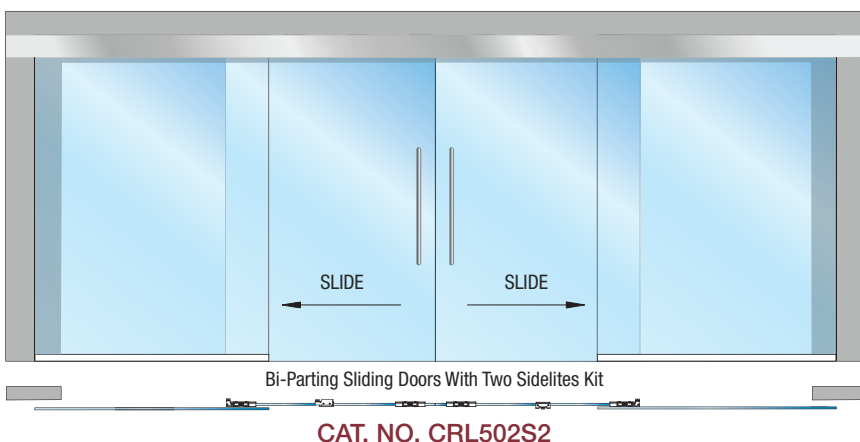
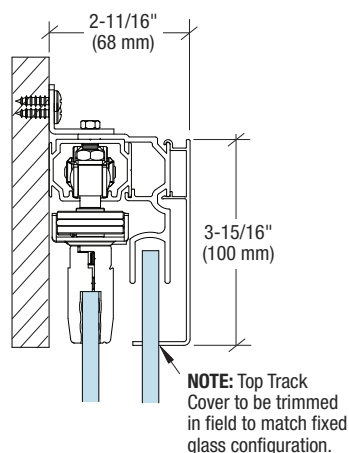
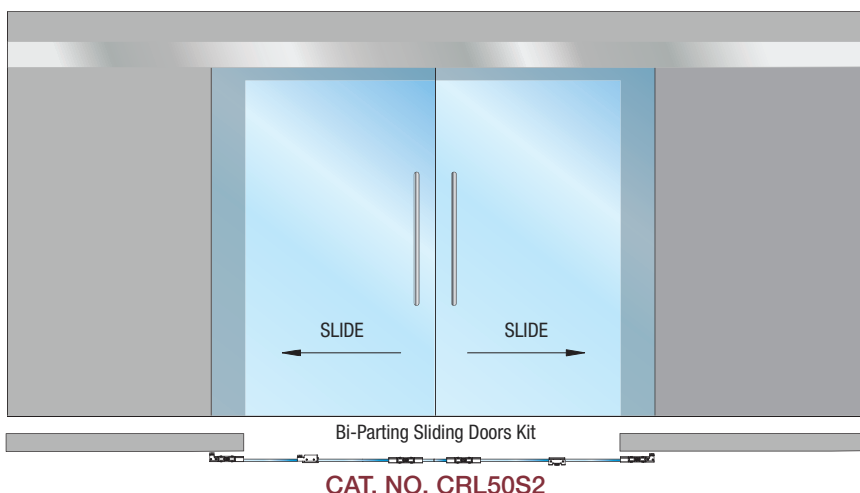
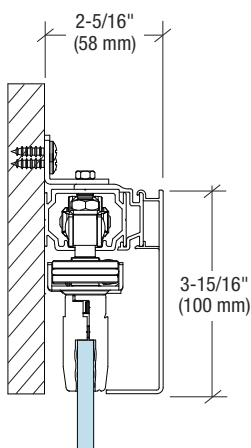
These CRL50 Kits are designed for synchronized movement of two bi-parting panels where the top track is mounted to a structural wall. Kits come with all the hardware needed to complete the installation, except the glass and door pulls.

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.



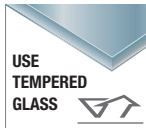
CAT. NO.	DESCRIPTION
CRL50S2	Bi-Parting Sliding Doors Kit
CRL502S2	Bi-Parting Sliding Doors With Two Sidelites Kit

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



CRL50 Series Synchronized Ceiling Mount Bi-Parting Sliding Door Kits

- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 29-1/2" (750 mm)
- Synchronized Operation of Two Bi-Parting Panels
- Rollers Have Up to 1/4" (6 mm) of Vertical Adjustment
- Satin Anodized Finish



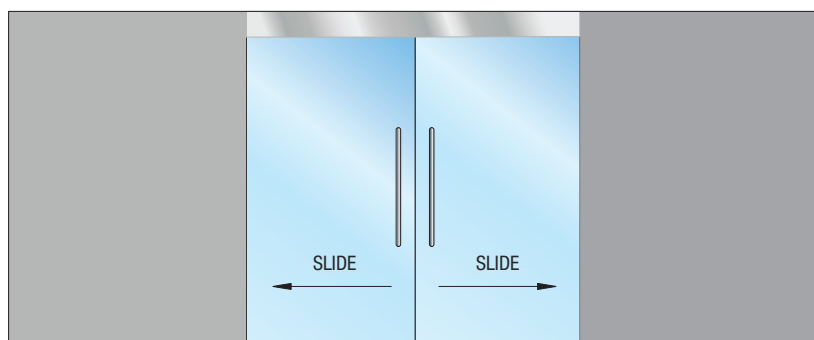
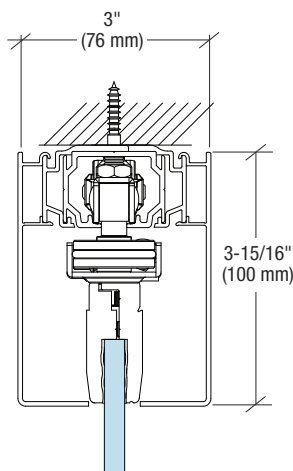
These CRL50 Kits are designed for synchronized movement of two bi-parting panels where the top track is mounted to a structural ceiling. Kits come with all the hardware needed to complete the installation, except the glass and door pulls.

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.

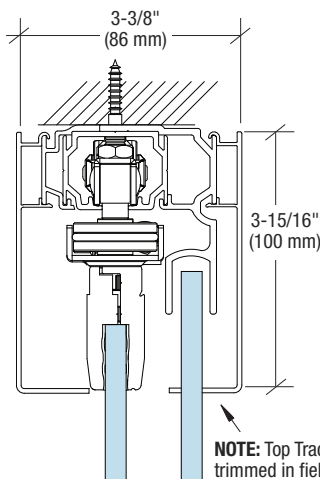


CAT. NO.	DESCRIPTION
CRL50CS2	Bi-Parting Sliding Doors Kit
CRL502CS2	Bi-Parting Sliding Doors With Two Sidelites Kit

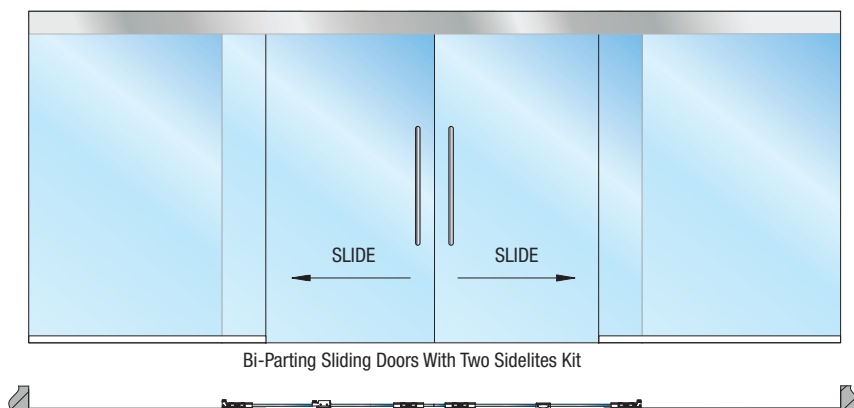
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



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
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 39-3/8" (1 m)
- Satin Anodized Finish

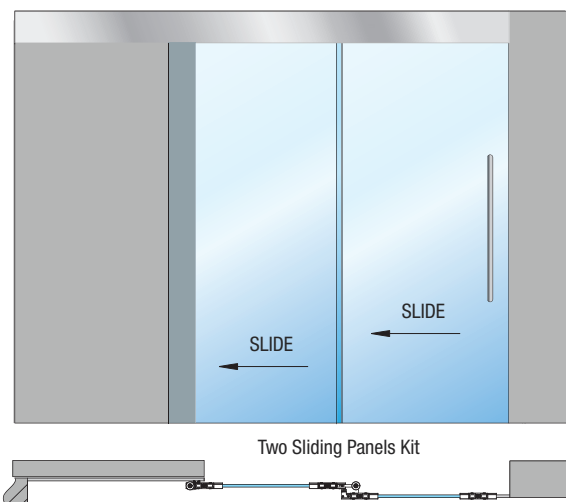
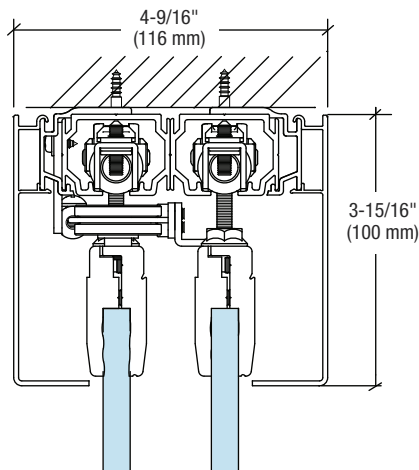


There are four configurations of CRL50 Kits for telescoping 5/16" or 3/8" (8 or 10 mm) tempered glass doors. These Kits provide telescoping operation where two panels slide in the same direction and stack away together while only operating one of the panels. These Kits are only available for ceiling mount applications and in a satin anodized finish.

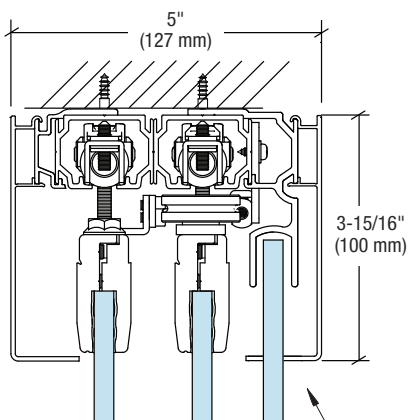
Contact CRL Technical Sales for Kit selection or installation assistance. For a detailed listing of the components of each Kit go to crlaurence.com/sliding-glass-doors.

LEFT HAND* CAT. NO.	RIGHT HAND* CAT. NO.	DESCRIPTION
CRL50CP2L	CRL50CP2R	Two Sliding Panels Kit
CRL501CP2L	CRL501CP2R	Two Sliding Panels With Sidelite Kit

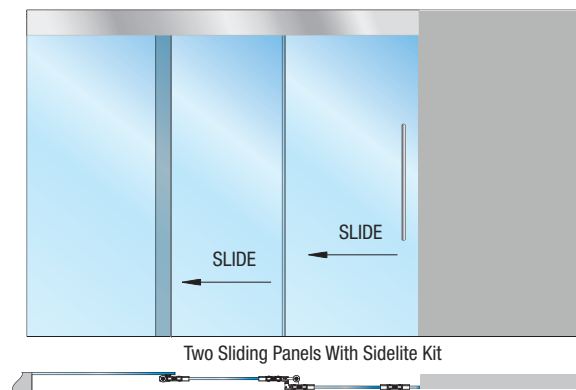
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing. *Stacking direction is determined from the exterior looking in.



CAT. NO. CRL50CP2L
(Left Stacking Direction Shown)



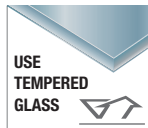
NOTE: Top Track Cover to be trimmed in field to match fixed glass configuration.



CAT. NO. CRL501CP2L
(Left Stacking Direction Shown)

CRL50 Series Synchronized and Telescoping Sliding Door Kit

- For 5/16" or 3/8" (8 or 10 mm) Tempered Glass
- Can Accommodate Doors Weighing Up to 176 Pounds (80 kg), Maximum Door Width of 39-3/8" (1 m)
- Satin Anodized Finish



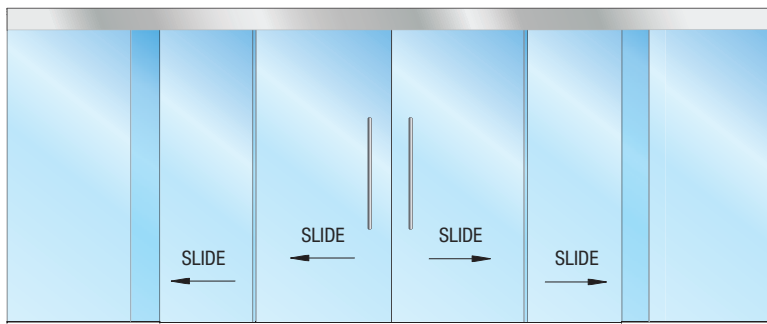
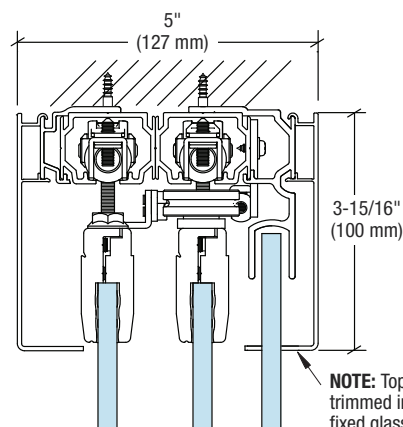
This CRL50 Kit is designed for synchronized bi-parting movement of two sets of telescoping panels mounted to a structural ceiling. Kits come with all the hardware needed to complete the installation, except the glass and door pulls.

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.



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 must ship common carrier. Kits can be combined for quantity pricing.



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 a dedicated Computer Aided Drafting (CAD) Department in our arsenal of Technical Sales and Engineering groups to assist you with drawing submittals and custom design work to land that special project.

Let CRL's Technical Sales Team help you with your project. Everyone at C.R. Laurence is dedicated to providing superior customer service, along with products and resources to keep our customers on the cutting edge of technology.



Call (800) 421-6144 in the United States, (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Commercial Technical Sales at Ext. 7700. 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

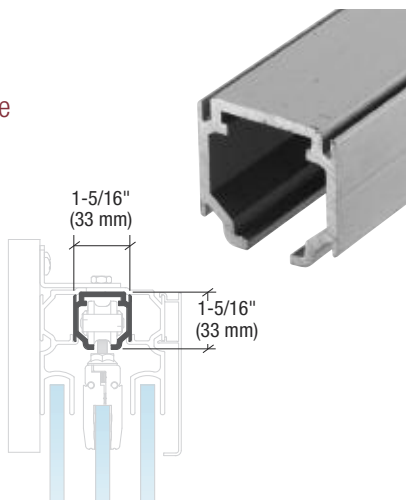
CRL50/51 Series Replacement Components

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.



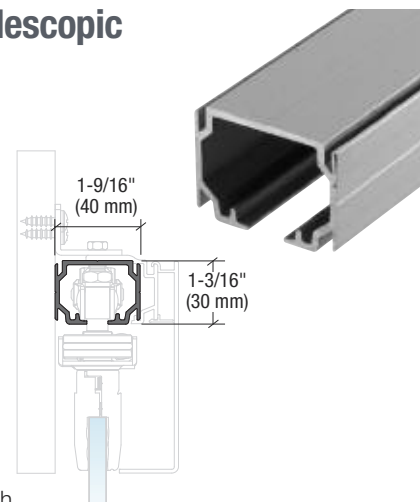
CAT. NO. CRL3951A

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.

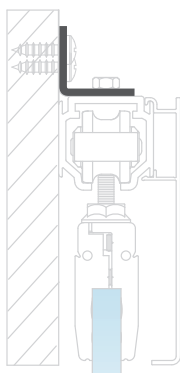
NOTE: Not compatible with "Softbrake" System.



CAT. NO. CRL3950A

Small Top Track Support Bracket

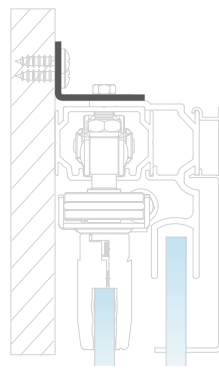
Bracket comes complete with fastener to attach to Top Track. For use on CRL51 and CRL511 Kits. Minimum order is one each.



CAT. NO. CRL3956

Large Top Track 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.



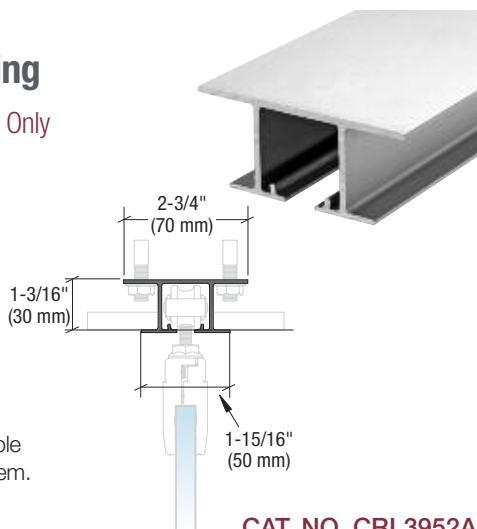
CAT. NO. CRL3957

Top Track for Dropped Ceiling

- For CRL50 Series Only
- 118" (3 m) Long
- White Powder Coat Finish

For use with CRL50D Kits in dropped ceiling applications. Minimum order is one each.

NOTE: Not compatible with "Softbrake" System.



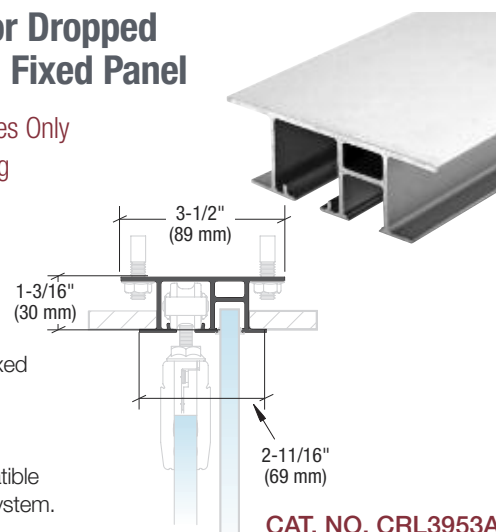
CAT. NO. CRL3952A

Top Track for Dropped Ceiling With Fixed Panel

- For CRL50 Series Only
- 118" (3 m) Long
- White Powder Coat Finish

For use with CRL501D Kits in 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

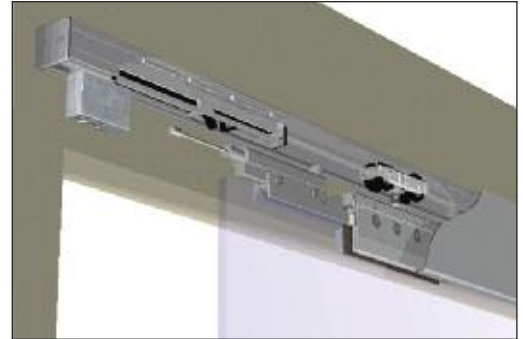
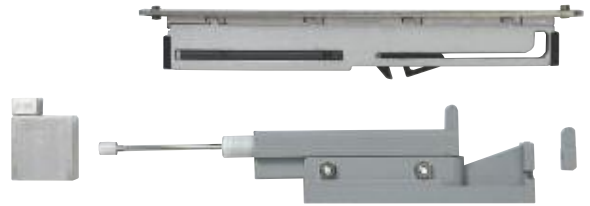
"Softbrake" Braking System Kit

- Standard Feature on CRL51 Series Only
- Can Also Be Adapted to Most CRL50 Series Kits
- Cushions the Opening and Closing of Sliding Panels

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 synchronized systems.



CAT. NO. CRL51SBK

Hanger Assembly for Glass Doors

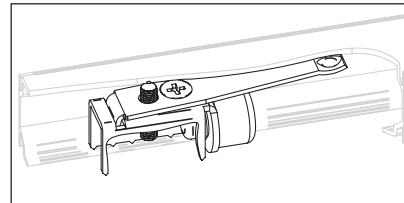
- Accepts "Softbrake" Braking Hardware
- Smooth Rolling

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



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.

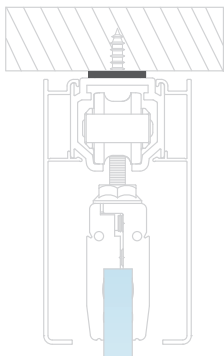
- Positive Stop and Hold



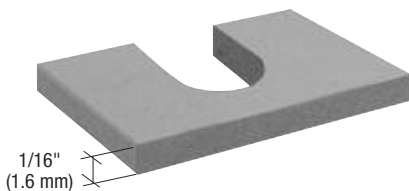
CAT. NO. CRL3940

Track Separator

Track Separators are used with Cat. No. CRL3950 or CRL3951A Top Track (see page 379Z) to help ensure uniform shimming during installation. Minimum order is ten each. Must be ordered in increments of ten.



- 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.



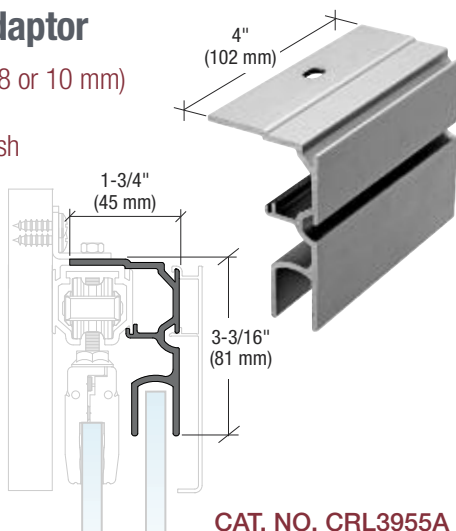
CAT. NO. CRL3985

CRL50/51 Series Replacement Components

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 (see page 379Z) to provide a top channel for fixed glass sidelites. Pre-drilled for fasteners (not included). Minimum order is one each.

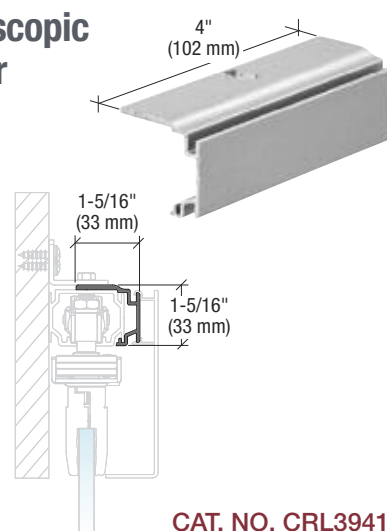


CAT. NO. CRL3955A

Synchronized/Telescopic Track Cover Spacer

- For CRL50 Series Only
- Satin Anodized Finish

For use with CRL3950A Top Tracks (see page 379Z) and CRL3954A Track Covers (see below) to provide proper spacing and alignment of Track Covers. Pre-drilled for fasteners (not included). Minimum order is one each.

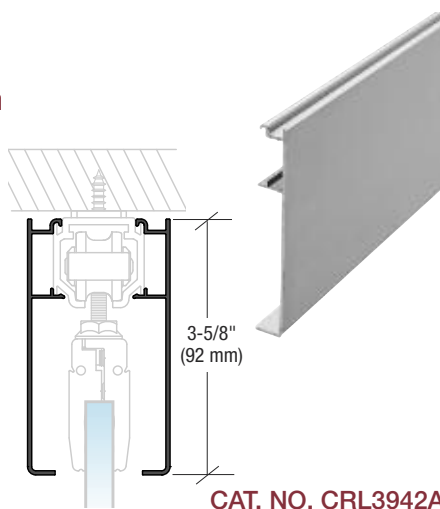


CAT. NO. CRL3941

Track Cover

- 118" (3 m) Long
- Satin Anodized Finish

For use with CRL3951A Top Track (see page 379Z) or CRL3955A Fixed Panel Adaptors (see above). Minimum order is one each.

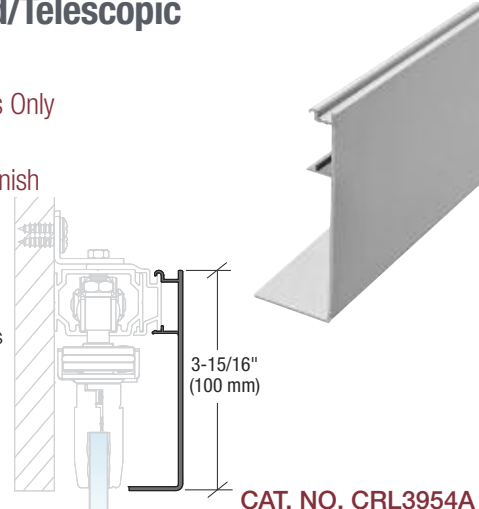


CAT. NO. CRL3942A

Synchronized/Telescopic Track Cover

- For CRL50 Series Only
- 118" (3 m) Long
- Satin Anodized Finish

For use with CRL3950A Top Tracks (see page 379Z), CRL3955A Fixed Panel Adaptors (see above), or CRL3941 Track Cover Spacers (see above). Minimum order is one each.

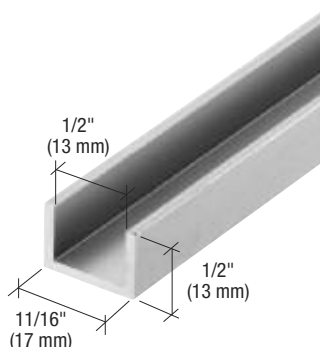
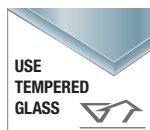


CAT. NO. CRL3954A

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.



CAT. NO. CRL3979A

Door Edge Guards

- Simply Peel Off Release Liner and Apply to Glass
- 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

Top Track End Caps

- Satin Anodized Finish
- Two Caps Per Set (1 Left and 1 Right Handed)

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	CRL50S2 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.

CRL50 Series Replacement Floor Guides

- Adjustable for 5/16" or 3/8" (8 or 10 mm) Glass Doors
- No Glass Fabrication Required

CRL Replacement Floor Guides for the CRL50 Telescopic Series Sliders attach to one of the operable panels and guides the other panel during operation. Easy-to-install, with no glass fabrication required. Floor Guides are adjustable for 5/16" to 3/8" (8 to 10 mm) glass doors. Minimum order is one each.



CAT. NO.
CRL3987L
Left Hand*



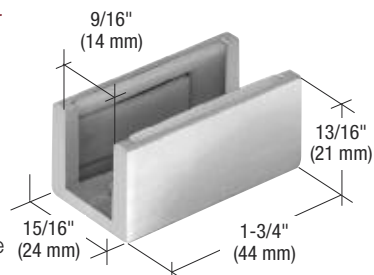
CAT. NO.
CRL3987R
Right Hand*

* Proper selection of this Guide depends on the configuration of the panels and which direction they are sliding. Call for details

Bottom Guide for Sliding Glass Doors

- Adjustable for 5/16" to 1/2" (8 to 12 mm) Glass Doors

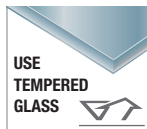
CRL Bottom Guide for Sliding Glass Doors is used to keep the bottom of the sliding glass door aligned. Made of diecast zinc alloy with adjustable nylon insert for 5/16" to 1/2" (8 to 12 mm) glass doors. For use with CRL50, 51, 70, and 285 Series Sliding Systems. Complete with mounting screws. Minimum order is one each.



CAT. NO. CRL3978

CRL70 Series Top Hung Sliding Door Kits

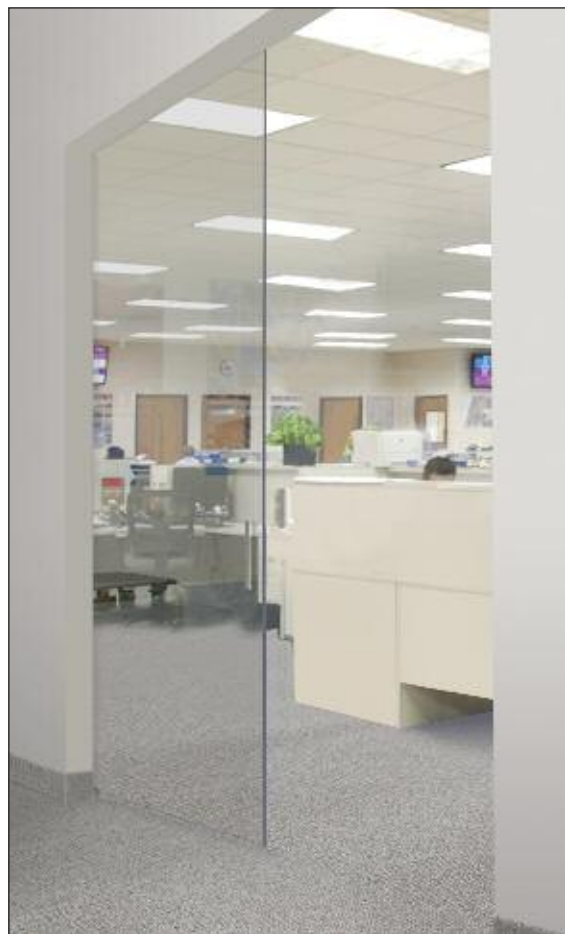
- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Models for Single and Synchronized Bi-Parting Doors
- Mounts to Wall or Ceiling
- No Notches or Holes Required in the Glass
- Can Accommodate Doors Weighing Up to 275 Pounds (125 kg), Maximum Door Width of 59" (1.5 m)
- Wood Door Kits Also Available (See 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.

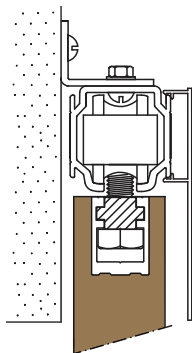
Contact Technical Sales for Commercial Products for assistance with proper kit selection or installation instruction assistance.

ARCHITECTURAL
SPECIFICATIONS

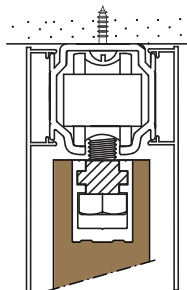


CRL70 Series Wood Door Kit

- 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



Wall Mount



Ceiling Mount

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.

CRL70 Series Wall Mount Sliding Door Kits



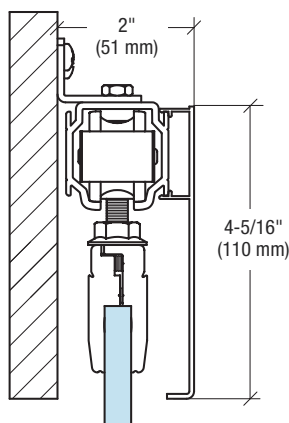
- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Can Accommodate Doors Weighing Up to 275 Pounds (125 kg), Maximum Door Width of 59" (1.5 m)
- Satin Anodized Finish

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.

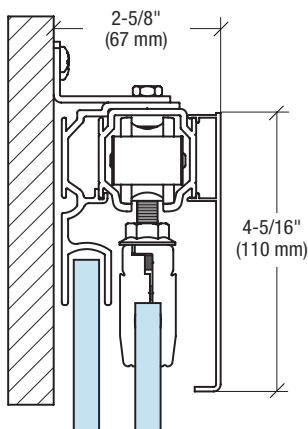


CAT. NO.	DESCRIPTION
CRL70	Single Sliding Door Kit
CRL701	Single Sliding Door With One Sidelite Kit
CRL702	Single Sliding Door With Two Sidelites Kit

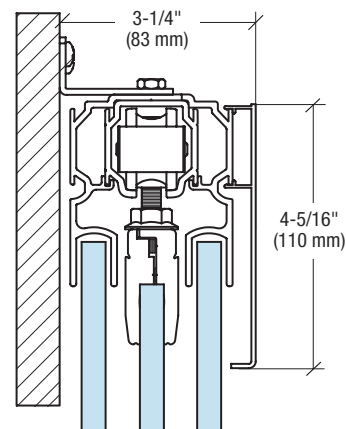
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



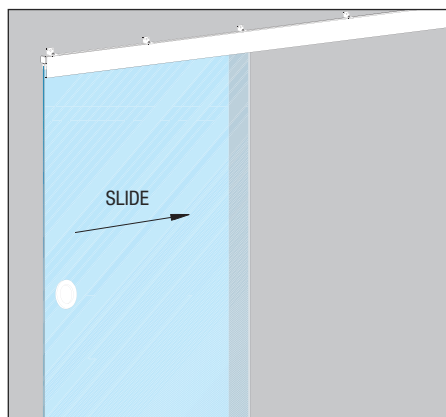
CAT. NO. CRL70



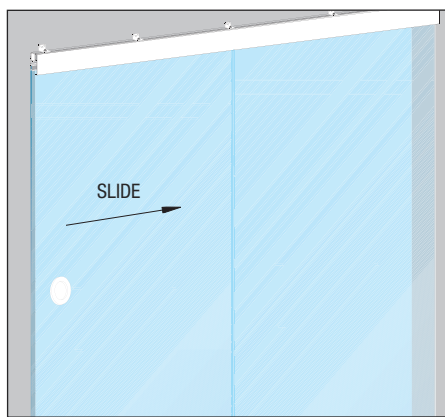
CAT. NO. CRL701



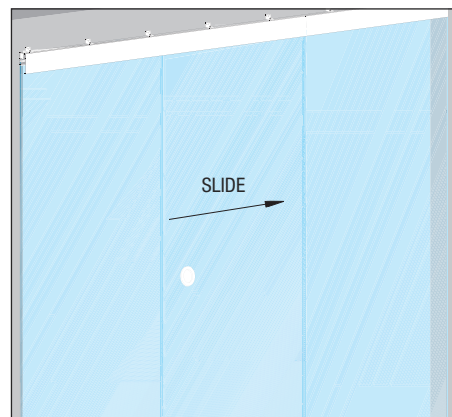
CAT. NO. CRL702



Single Sliding Door Kit

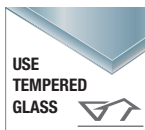


Single Sliding Door With One Sidelite Kit



Single Sliding Door With Two Sidelites Kit

CRL70 Series Ceiling Mount Sliding Door Kits



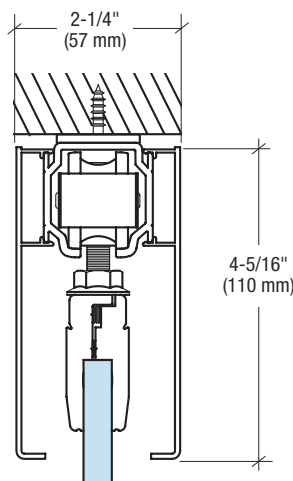
- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Can Accommodate Doors Weighing Up to 275 Pounds (125 kg), Maximum Door Width of 59" (1.5 m)
- Satin Anodized Finish

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.

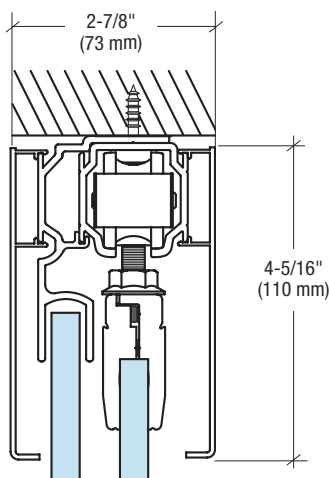


CAT. NO.	DESCRIPTION
CRL70C	Single Sliding Door Kit
CRL701C	Single Sliding Door With One Sidelite Kit
CRL702C	Single Sliding Door With Two Sidelites Kit

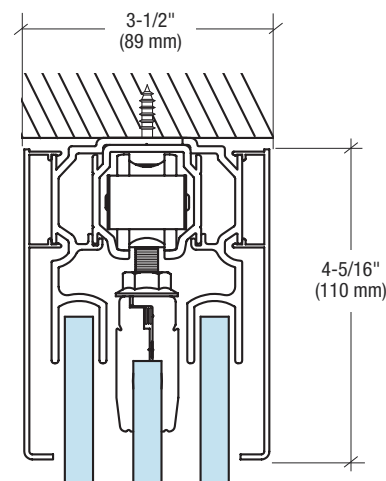
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



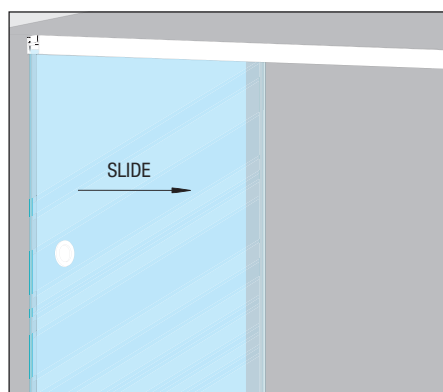
CAT. NO. CRL70C



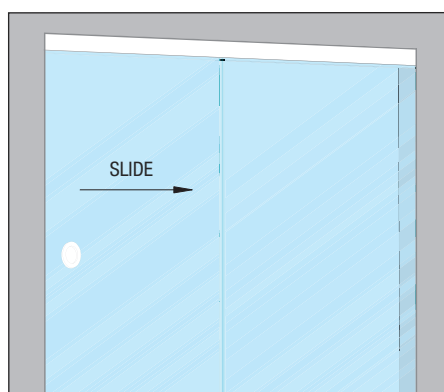
CAT. NO. CRL701C



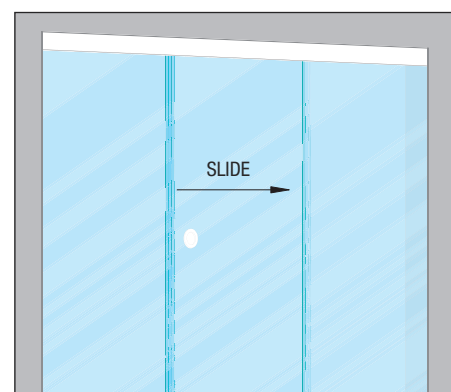
CAT. NO. CRL702C



Single Sliding Door Kit

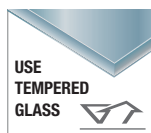


Single Sliding Door With One Sidelite Kit



Single Sliding Door With Two Sidelites Kit

CRL70 Series Synchronized Bi-Parting Sliding Door Kits



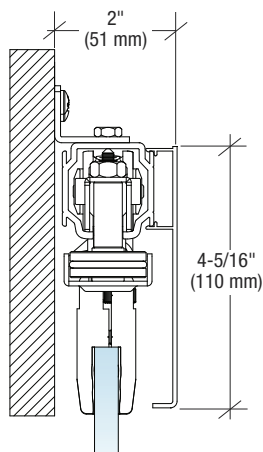
- Wall and Ceiling Mount Kits Available for 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Can Accommodate Doors Weighing Up to 275 Pounds (125 kg), Maximum Door Width of 29-1/2" (750 mm)
- Satin Anodized Finish

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.

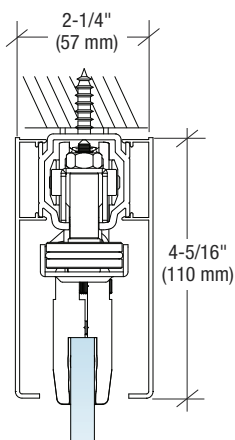


CAT. NO.	DESCRIPTION
CRL70S2	Wall Mount Bi-Parting Slider Kit
CRL70CS2	Ceiling Mount Bi-Parting Pocket Slider Kit

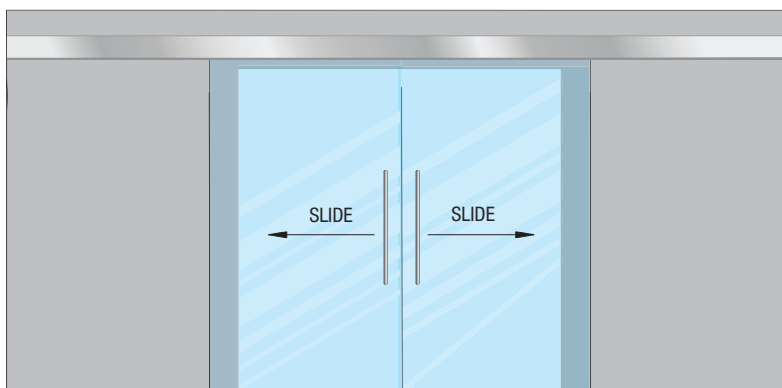
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



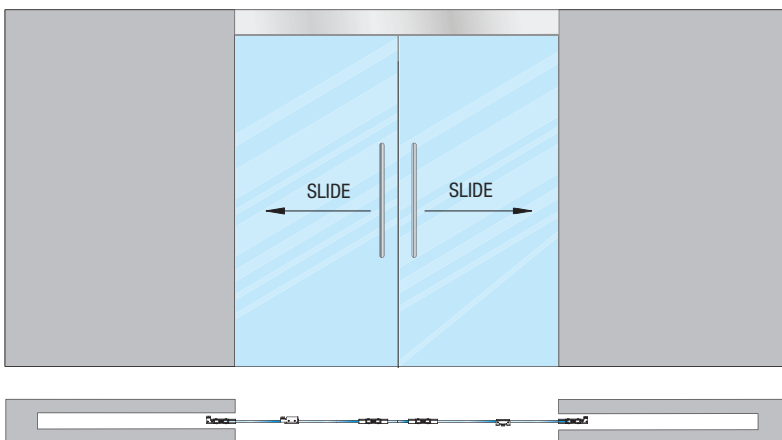
**Synchronized Wall Mount
Bi-Parting Slider Kit**



**Synchronized Ceiling Mount
Bi-Parting Pocket Slider Kit**



CAT. NO. CRL70S2



CAT. NO. CRL70CS2

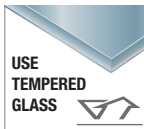
CRL70 Series Replacement Components

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

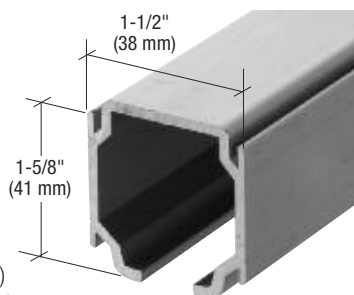


CAT. NO. CRL3988
Minimum order is one set

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.

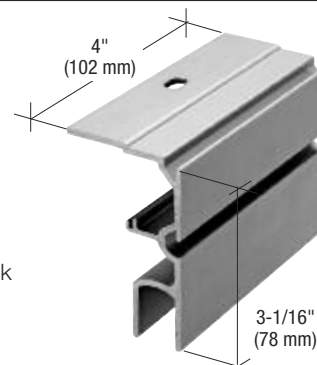


CAT. NO. CRL3980A

Fixed Panel Adaptor

- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Satin Anodized Finish

Used with CRL3980A Top Track (see left) to provide a top channel for fixed glass sidelites. Minimum order is one each.

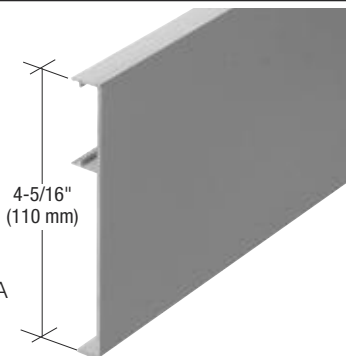


CAT. NO. CRL3984A

Track Cover for Glass Doors

- 118" (3 m) Long
- Satin Anodized Finish

Used with CRL3980A or CRL3984A (see above) to conceal the Hanger Assemblies. Minimum order is one each.

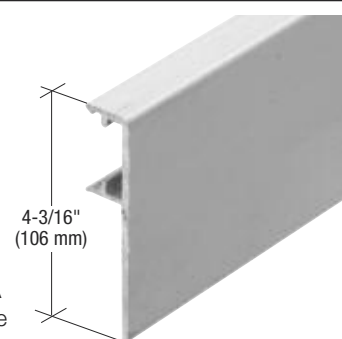


CAT. NO. CRL3982A

Track Cover for Wood Doors

- 118" (3 m) Long
- Satin Anodized Finish

Designed for use with CRL3980A Top Track (see above) to conceal the gap above the door. Minimum order is one each.



CAT. NO. CRL3983A

Small Top Track Support Bracket

- Used to Attach CRL3980A Top Track to Face of Wall or Soffit

For use on the following Kits: CRL70, CRL70S2, and CRL70W (see page 383Z-386Z). Includes fastener to attach to Top Track. Minimum order is one each.



CAT. NO. CRL3995

Large Top Track Support Bracket

- Used With Wall Mount Slider With Fixed Panels Only

For use on the following Kits: CRL701 and CRL702 (see page 385Z). 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.

CRL70 Series Replacement Components

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*

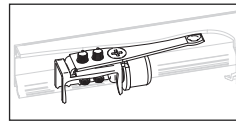


CAT. NO. CRL70EC5

Roller Stop

- Provides a Positive Stop for the Sliding Panel

Roller Stops mount inside Cat. No. CRL3980A Top Track (see page 387Z) 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.

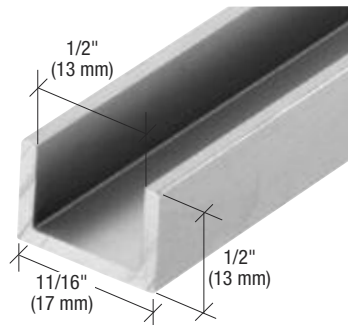


CAT. NO. CRL3992

Bottom Channel for Fixed Glass

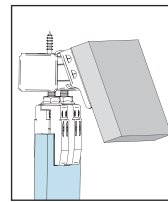
- 118" (3 m) Long
- Satin Anodized Finish

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



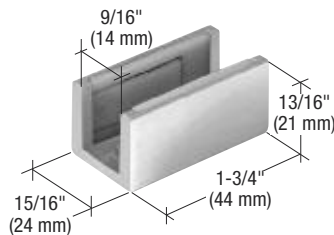
This steel Trim Cover Support clamps onto sides of Top Track or Fixed Panel Adaptor to provide attachment of customer supplied covers. Quantity required determined by customer based on cover design. Fasteners for covers not included. Minimum order is one each.

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

Mounting screws are not included. 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.

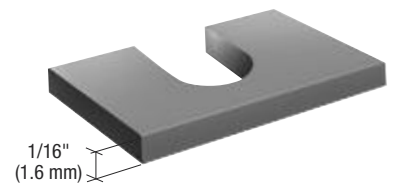


CAT. NO. CRL2945

Track Separator

- Made of Mill Aluminum

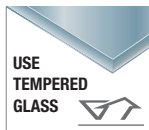
Assists with shimming during installation. Minimum order is 10 each. Must be ordered in increments of 10.



CAT. NO. CRL3981

CRL EZ-Slide 80 Series Top Hung Single Track Sliding Door Kit

- 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)



The CRL EZ-Slide 80 Series 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, Model THC1 are available on special order to help conceal the operating hardware.

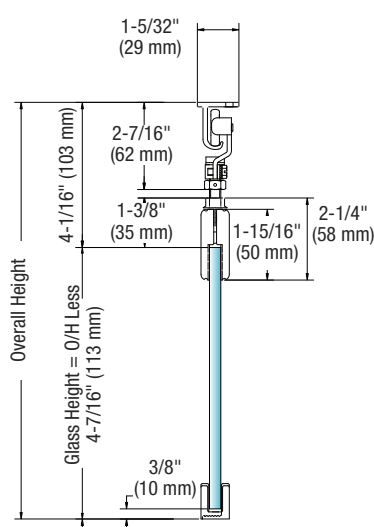
Everything to complete a single panel slider application is available in our easy to order Kit (except the tempered glass and pull).

NOTE: The EZ-Slide System is not designed for use in shower or steam room applications and should not be used with laminated glass.

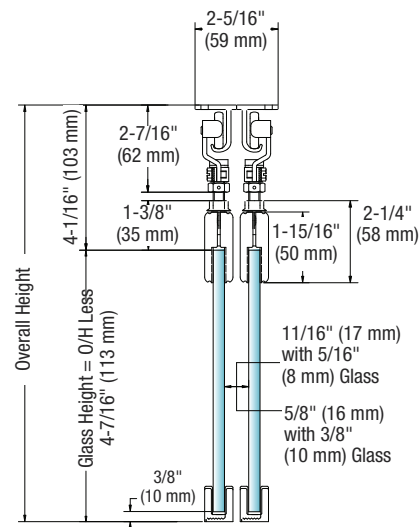
For more information on this versatile and easy to install system, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

CAT. NO.	FOR GLASS THICKNESS
CRL3301	5/16" to 3/8" (8 to 10 mm)

Minimum order: 1 each. Kit contains stock lengths measuring 157-1/2" (4 m) in length, and 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 157-1/2" (4 m) in length



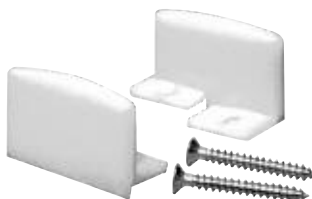
Two Top Rollers and Stops



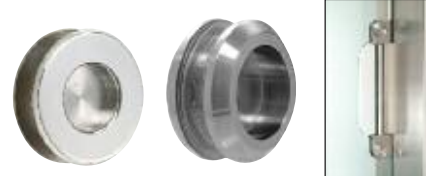
Two Clamp Assemblies



Two Regulator Bolts



One Bottom Guide



See Page 368Z for Optional
Pull Hardware Not Included in Kit

CRL EZ-Slide 80 Series Replacement Components

Top Track

- Pre-Drilled, Ready to Mount

CRL EZ-Slide 80 Series Top Track is made of 6063-T6 Alloy Aluminum with a dark bronze anodized finish. It comes in 157-1/2" (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 Series 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

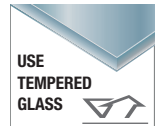
CRL EZ-Slide 80 Series Regulator Bolts allow easy height and alignment adjustments to be made while the panels remain hanging from the Top Track. Each pack contains two Regulator Bolts. Minimum order is one pack.



CAT. NO. CRL3325

Clamps and Bottom Guide

- No Drilling or Notching Required

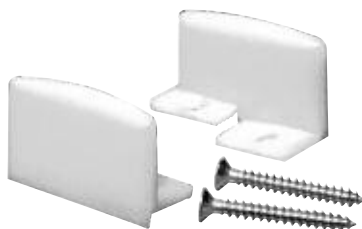


CRL EZ-Slide 80 Series Clamps and Bottom Guide are easily converted for use with 5/16" or 3/8" (8 or 10 mm) tempered glass. A pair of Clamps is rated for panels that weigh up to 176 pounds (80 kg). They grip the glass with precision-controlled pressure. No drilling or notching of the glass is required. 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 Series 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", 3/8", or 1/2" (8, 10, or 12 mm) glass thickness. Each Bottom Guide pack comes complete with mounting screws. Minimum order is one pack.

CAT. NO. CRL3938

Optional Pull Hardware

(See Page 368Z)



CRL Thru-Glass Pull
Cat. No. FP214BS



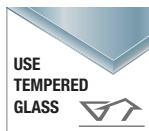
CRL SGH8 Series
Frameless Sliding
Door Handle

CRL Thru-Glass Pull
Cat. No. 1819BS
and 1819PS



CRL EZ-Slide 180 Series Top Hung Single Track Sliding Door Kit

- 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)



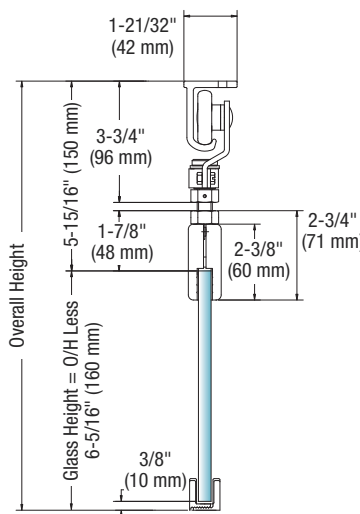
The heavy-duty CRL EZ-Slide 180 Series Top Hung Single Track Sliding Door Kit is an easy to install and cost effective solution to adding 'all-glass' sliding doors in commercial or residential applications.

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 Model THC1 are available on special order to help conceal the operating hardware.

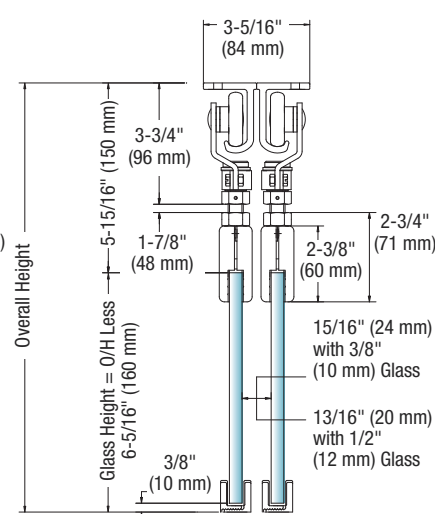
Everything to complete a single panel slider application is available in our easy to order Kit (except the tempered glass and pull).

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. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.



Typical Single Slider Application
Using One Cat. No. CRL3601 Kit



Typical Bi-Pass Application
Using Two Cat. No. CRL3601 Kits

CAT. NO.	FOR GLASS THICKNESS
CRL3601	3/8" to 1/2" (10 to 12 mm)

Minimum order: 1 each. Kit contains stock length measuring 157-1/2" (4 m) in length, and must ship common carrier.

Each Kit Contains:



One Top Track at 157-1/2" (4 m) in length



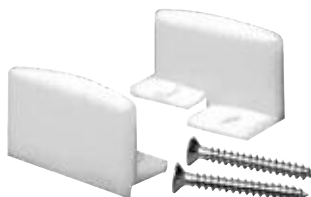
Two Top Rollers and Stops



Two Clamp Assemblies



Two Regulator Bolts



One Bottom Guide



See Page 368Z for Optional
Pull Hardware Not Included in Kit

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

391Z

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

CRL
ALUMINUM

CRL EZ-Slide 180 Series Replacement Components

Top Track

- Pre-Drilled, Ready to Mount

CRL EZ-Slide 180 Series Top Track is aluminum with a dark bronze anodized finish. It comes in 157-1/2" (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 Model THC1 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 Series 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

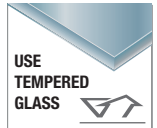
The CRL EZ-Slide 180 Series Regulator Bolt allows easy height and alignment adjustments to be made while the panels remain hanging from the Top Track. Each pack contains two Regulator Bolts. Minimum order is one pack.



CAT. NO. CRL3928

Clamps and Bottom Guide

- No Drilling or Notching Required

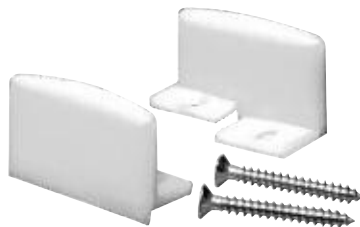


CRL EZ-Slide 180 Series Clamps and Bottom Guide are easily converted for use with 3/8" or 1/2" (10 or 12 mm) tempered glass. A pair of Clamps is rated for panels that weigh up to 396 pounds (180 kg). They grip the glass with precision-controlled pressure. No drilling or notching of the glass is required. 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 Series 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", 3/8", or 1/2" (8, 10 or 12 mm) glass thickness. Each Bottom Guide pack comes complete with mounting screws. Minimum order is one pack.

CAT. NO. CRL3938

Optional Pull Hardware

(See Page 368Z)



CRL Thru-Glass Pull
Cat. No. FP214BS



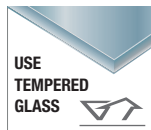
CRL Thru-Glass Pull
Cat. No. 1819BS
and 1819PS

CRL SGH8 Series
Frameless Sliding
Door Handle



CRL280/285 Series Top Hung Sliding Door Kits

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- Mount to Structural Ceiling or Wall
- Available With or Without "Softbrake" Braking System
- 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



ARCHITECTURAL
SPECIFICATIONS

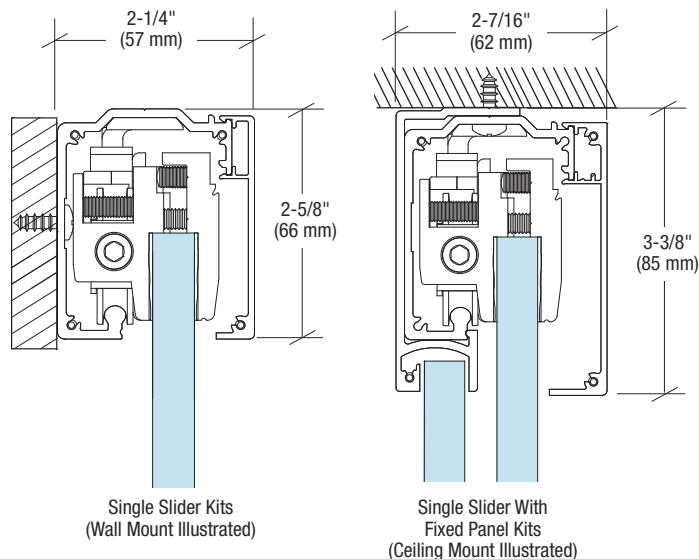


Partitions featuring 'all-glass' top hung sliding doors are reliable, versatile, and easy to install. These CRL280/285 Series Kits are no exception. Designed for use with 3/8" to 1/2" (10 to 12 mm) tempered glass, they can accommodate doors weighing up to 176 pounds (80 kg) and 59" (1.5 m) wide.

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.

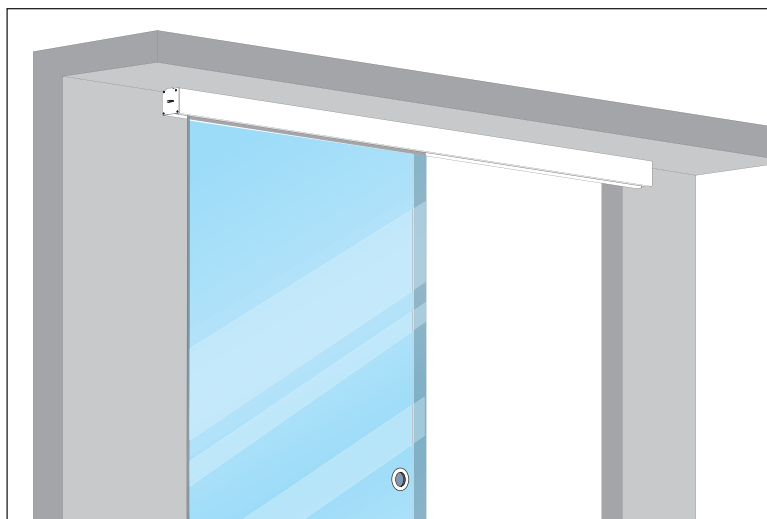
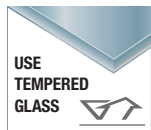
CRL285 Series Kits have all the features of the CRL280 Series plus an additional, highly sought after feature, the CRL "Softbrake" Braking System. The "Softbrake" is completely concealed in the top track, and engages during the final 4" (102 mm) of travel, preventing the glass door from "slamming" open 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 397Z and 398Z). All CRL 280/285 Kits are available in satin anodized and brushed stainless anodized finishes.



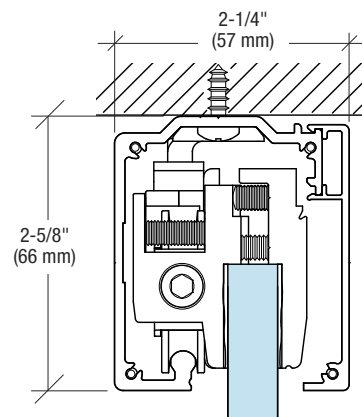
CRL280/285 Series Single Slider Kits

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Available With or Without "Softbrake" Braking System
- Mounts to Wall or Ceiling
- Maximum Weight 176 Pounds (80 kg), Maximum Panel Width 59" (1.5 m)
- Satin Anodized and Brushed Stainless Anodized Finishes



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.



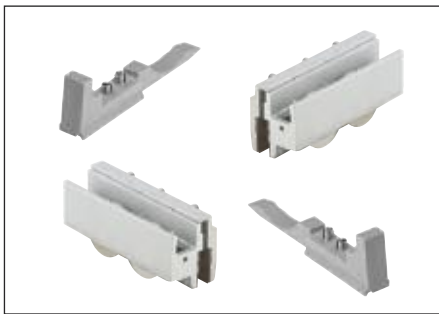
WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL2812	CRL28512	3/8" to 1/2" (10 to 12 mm)	Satin Anodized
CRL2812BSA	CRL28512BSA	3/8" to 1/2" (10 to 12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and 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



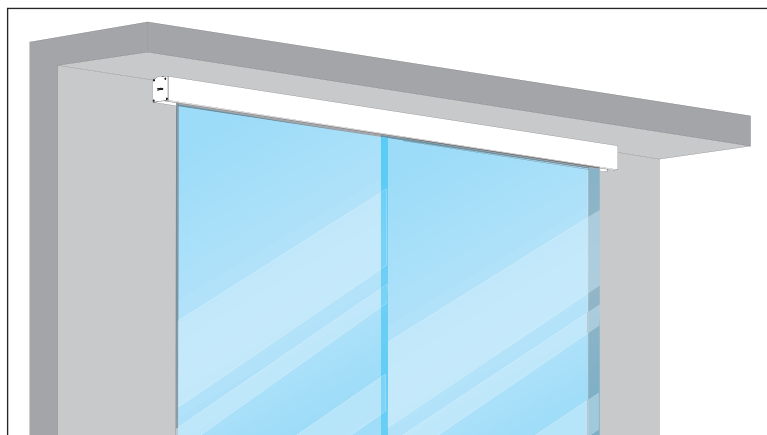
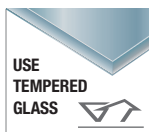
Four Door Bumpers



Two "Softbrake" Kits
(CRL28512 Kits Only)

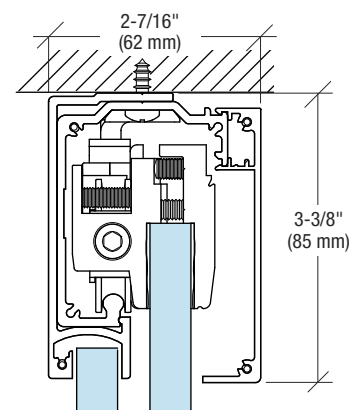
CRL280/285 Series Single Slider With Fixed Panel Kits

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Available With or Without "Softbrake" Braking System
- Maximum Weight 176 Pounds (80 kg), Maximum Panel Width 59" (1.5 m)
- Satin Anodized and Brushed Stainless Anodized Finishes



Ceiling Mount Illustrated

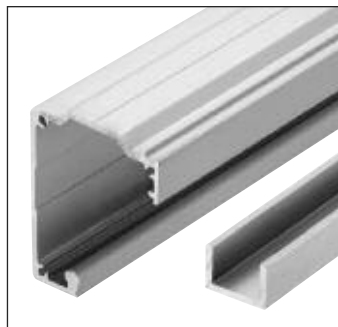
This configuration of the CRL280/285 Slider Kit is used for single door with fixed panel applications where the Top Track mounts to a structural ceiling or wall. Kits include all the components you will need (except the tempered glass and pull hardware) to complete this style of installation. Kits with 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.



WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL2812F	CRL28512F	3/8" to 1/2" (10 to 12 mm)	Satin Anodized
CRL2812FBSA	CRL28512FBSA	3/8" to 1/2" (10 to 12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.

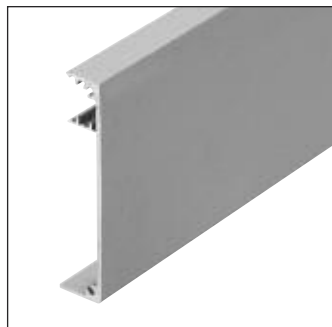
Each Kit Contains:



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
(CRL28512F Kits Only)

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

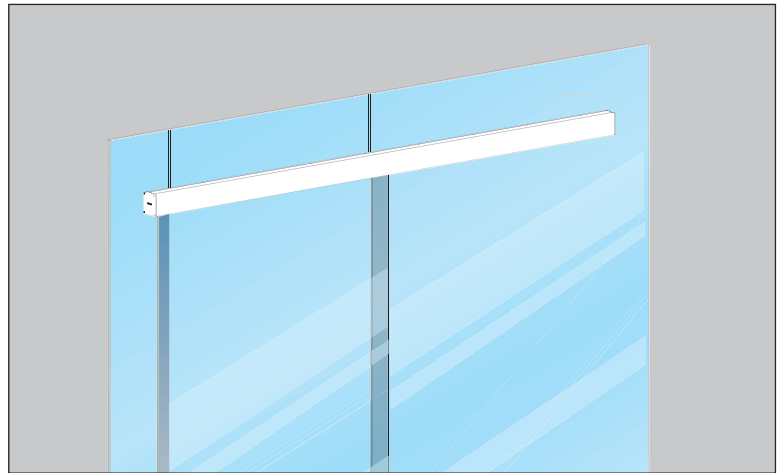
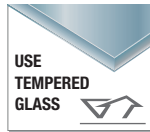
395Z

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

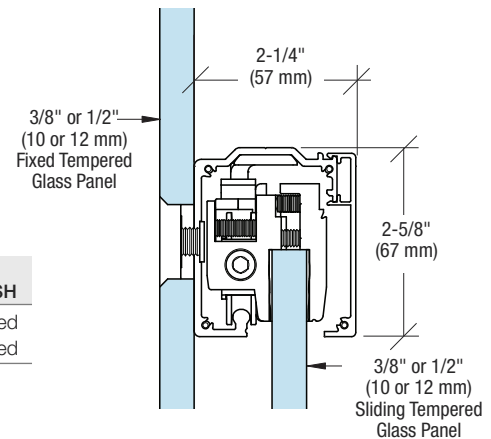
CRL
ALUMINUM

CRL280/285 Series Glass Mount Single Slider Kits

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Available With or Without "Softbrake" Braking System
- Maximum Weight 176 Pounds (80 kg), Maximum Panel Width 59" (1.5 m)
- Satin Anodized and Brushed Stainless Anodized Finishes



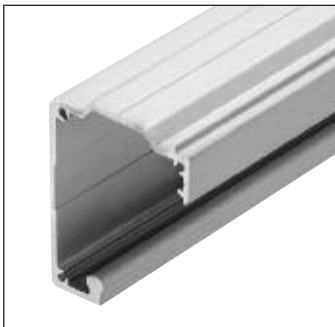
This configuration of the CRL280/285 Slider Kit is used for single door applications where the top track mounts to a 3/8" or 1/2" (10 or 12 mm) fixed glass panel. Kits include all the components you will need (except the tempered glass, channel, and pull hardware) to complete this style of installation. 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.



WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL2812G	CRL28512G	3/8" to 1/2" (10 to 12 mm)	Satin Anodized
CRL2812GBSA	CRL28512GBSA	3/8" to 1/2" (10 to 12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and 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



Two Top Track End Caps With Fasteners



One Floor Guide With Fasteners



Four Door Bumpers



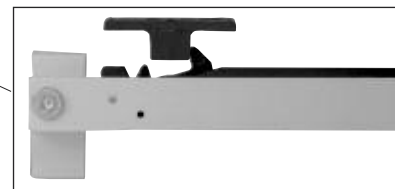
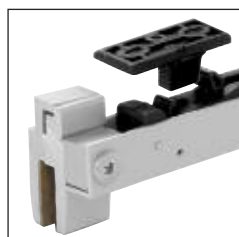
Two "Softbrake" Kits (CRL28512G Kits Only)

CRL 280/285 Series Replacement Components

"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
- 3/16" (5 mm) Height Adjustment

CRL280/285 Series Hanger Assemblies are used with CRL3960 Top Track (see below) and require no notches or holes in the glass. Hanger Assemblies can be adjusted 3/16" (5 mm) in height to allow for floors and walls that are not true and level. Includes one left hand and one right hand assembly which are required per door.



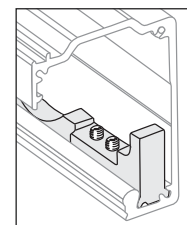
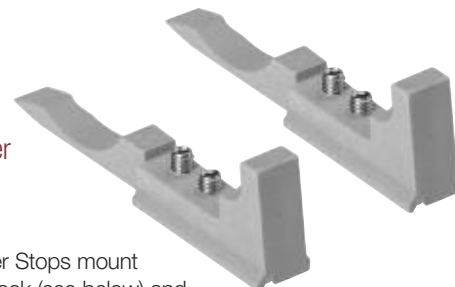
CAT. NO.	FOR GLASS THICKNESS
CRL3975	3/8" to 1/2" (10 to 12 mm)

Minimum order: 1 set.

Roller Stop

- For CRL280 Series Sliders Only
- Easily Adjusted After Installation

CRL280 Series Roller Stops mount inside CRL3960 Top Track (see below) 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. Each set includes two roller stops.

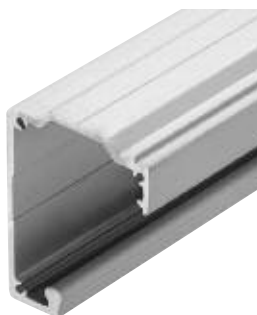


CAT. NO. CRL3961

Top Track

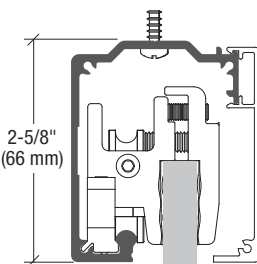
- 118" (3 m) in Length
- Two Finishes Available

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

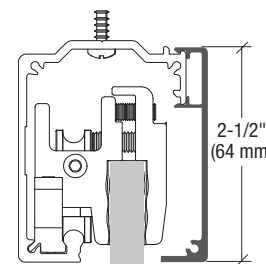
- 118" (3 m) in Length
- Two Finishes Available

CRL280/285 Series Top Track Covers are used with CRL3960 Top Track (see left) 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.



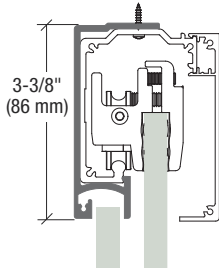
NOTE: Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

CRL 280/285 Series Replacement Components

Fixed Panel Adaptor

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass

CRL280/285 Series Fixed Panel Adaptors are used with Cat. No. CRL3960 Top Track (see page 397Z) 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.



118" (3 M) STOCK LENGTHS

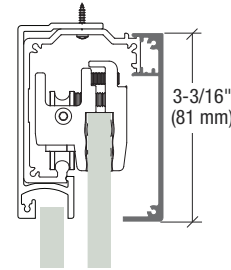
CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL3963A	3/8" to 1/2" (10 to 12 mm)	Satin Anodized
CRL3963BSA	3/8" to 1/2" (10 to 12 mm)	Brushed Stainless Anodized

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 (see page 397Z) to conceal the Hanger Assemblies.



118" (3 M) STOCK LENGTHS

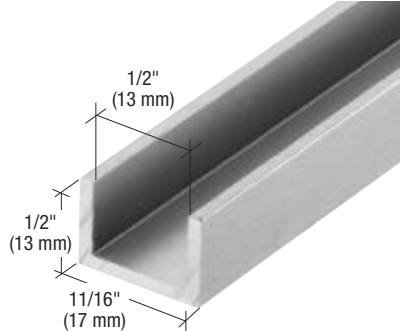
CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL3967A	3/8" to 1/2" (10 to 12 mm)	Satin Anodized
CRL3967BSA	3/8" to 1/2" (10 to 12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Bottom Channel for Fixed Glass

- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass

Bottom Channel for Fixed Glass is used to capture the fixed glass panel at the floor. Extruded aluminum available in two finishes.



118" (3 M) STOCK LENGTHS

CAT. NO.	FOR GLASS THICKNESS	FINISH
CRL3979A	3/8" to 1/2" (10 to 12 mm)	Satin Anodized
CRL3979BSA	3/8" to 1/2" (10 to 12 mm)	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier.

Flush Mount Glass Support

- For Mounting Top Track to 3/8" or 1/2" (10 or 12 mm) Tempered Glass

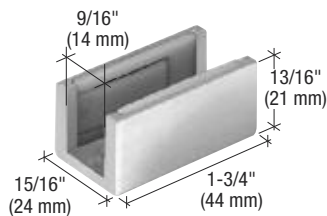
Recommended spacing is a maximum 12" (305 mm) on center. Requires countersunk holes in glass. Minimum order is one each.



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

- Two Per Set
- Mounting Screws Included



CRL3974



CRL3976

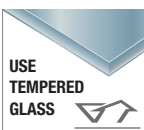
CAT. NO.	DESCRIPTION	FINISH
CRL3974	Single Slider End Cap	Satin Anodized
CRL3974BSA	Single Slider End Cap	Brushed Stainless Anodized
CRL3976	Slider With Fixed Panel End Cap	Satin Anodized
CRL3976BSA	Slider With Fixed Panel End Cap	Brushed Stainless Anodized

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.

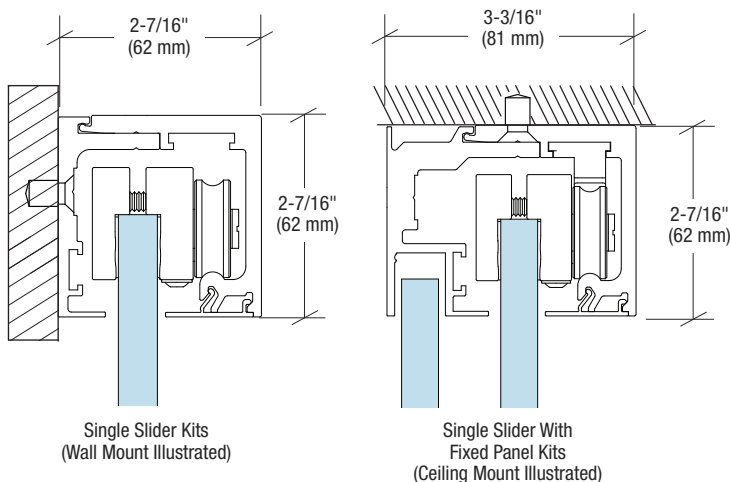
CRL490/495 Series Top Hung Sliding Door Kits

- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Available With or Without "Softbrake" Braking System
- Kits Available for Wall and Ceiling, or Dropped Ceiling Applications, With or Without Fixed Panels
- Can Accommodate Doors Weighing Up to 330 Pounds (150 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

NEW!

ARCHITECTURAL SPECIFICATIONS


Our NEW CRL490/495 Series Top Hung Sliding Door Kits are an upgraded version of our popular CRL 290/295 Series. The improved top hanger assembly allows this system to accommodate doors weighing up to 330 pounds (150 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. Minimum sliding panel width of 30-7/8" (785 mm) for control in a single direction: 42-1/2" (1079.5 mm) for control in both directions.

The CRL490/495 Series offers multiple mounting options, is top hung, requires no bottom track, and operates with smooth "fingertouch" control. No holes or notches required, making the glass more 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.



REVISED 03.15.18

 go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

399Z

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

CRL
 ALUMINUM

CRL490/495 Series Wall or Ceiling Mount Sliding Door Kits

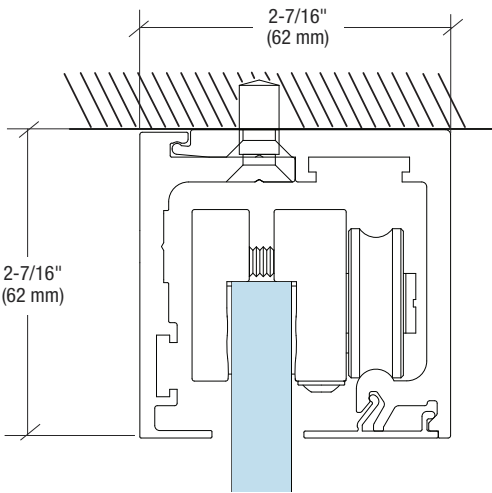
- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Available With or Without Integrated "Softbrake" Braking System
- Can Accommodate Doors Weighing Up to 330 Pounds (150 kg), Maximum Panel Width 59" (1.5 m)
- Satin Anodized and Brushed Stainless Anodized Finishes

These CRL490/495 Kits are designed for use where the top track mounts to a structural wall or 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 30-7/8" (785 mm) for control in a single direction: 42-1/2" (1079.5 mm) for control in both directions. For a detailed listing of components and installation instructions go to crlaurence.com/sliding-glass-doors.

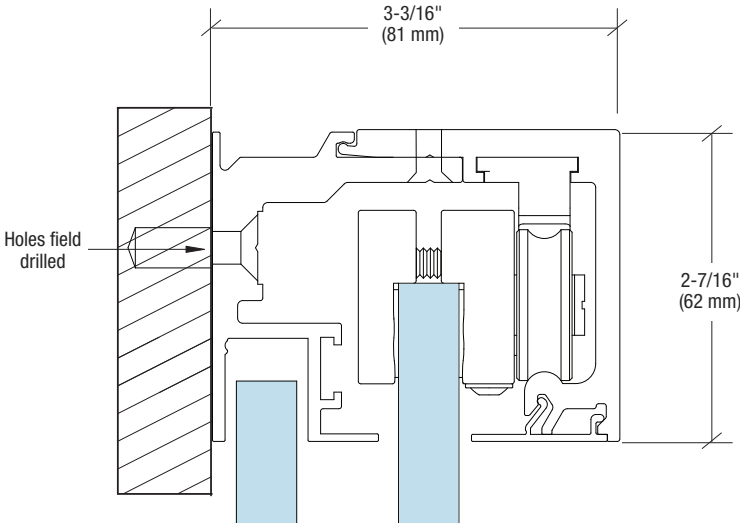


WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	DESCRIPTION	FINISH
CRL490	CRL495	Wall or Ceiling Mount Single Slider Kit	Satin Anodized
CRL490BSA	CRL495BSA	Wall or Ceiling Mount Single Slider Kit	Brushed Stainless Anodized
CRL4901	CRL4951	Wall or Ceiling Mount Single Slider With Fixed Panel Kit	Satin Anodized
CRL4901BSA	CRL4951BSA	Wall or Ceiling Mount Single Slider With Fixed Panel Kit	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



CAT. NO. CRL490/495
Single Slider Kits
(Ceiling Mount Illustrated)



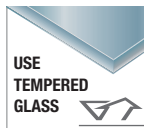
CAT. NO. CRL4901/4951
Single Slider With Fixed Panel Kits
(Wall Mount Illustrated)

REVISED 03.06.18

CRL490/495 Series Dropped Ceiling Mount Sliding Door Kits

NEW!

- For 5/16" to 1/2" (8 to 12 mm) Tempered Glass
- Available With or Without Integrated "Softbrake" Braking System
- Can Accommodate Doors Weighing Up to 330 Pounds (150 kg), Maximum Panel Width 59" (1.5 m)
- Accomodate Units With or Without Fixed Panels
- Satin Anodized and Brushed Stainless Anodized Finish

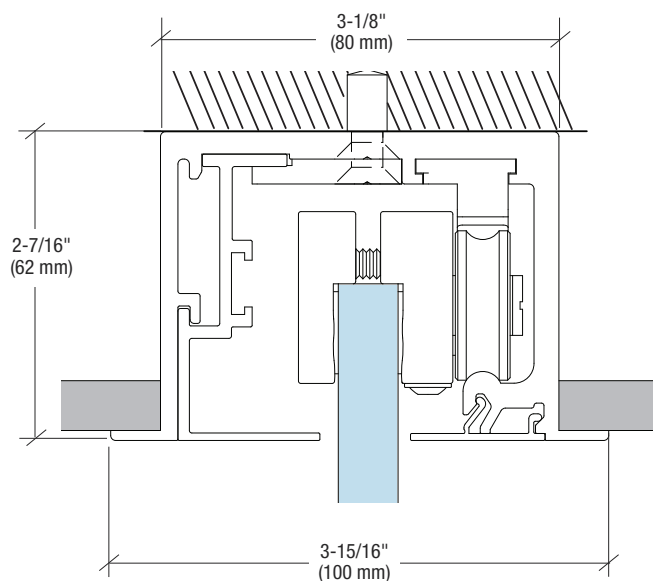

**ARCHITECTURAL
SPECIFICATIONS**


These CRL490/495 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 30-7/8" (785 mm) for control in a single direction: 42-1/2" (1079.5 mm) for control in both directions. For a detailed listing of components and Installation Instructions go to crlaurence.com/sliding-glass-doors.

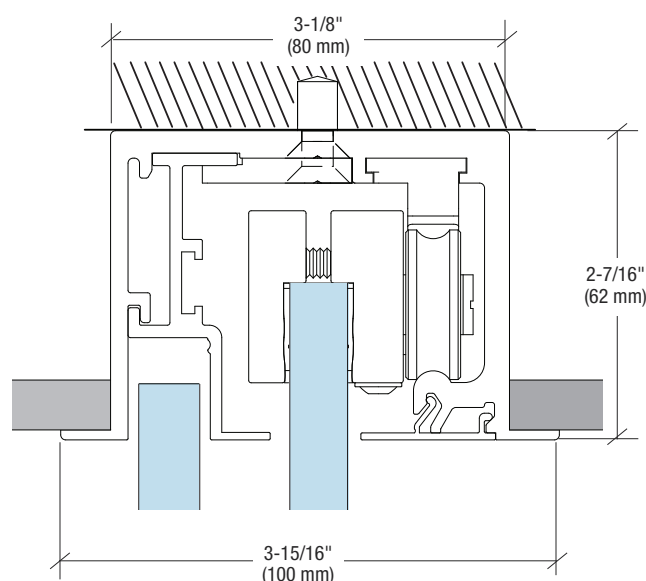
NOTE: Structural support (by others) is also required when using Dropped Ceiling Tracks; fasteners not included.

WITH STANDARD STOPS CAT. NO.	WITH "SOFTBRAKE" CAT. NO.	DESCRIPTION	FINISH
CRL490D	CRL495D	Dropped Ceiling Mount Single Slider Kit	Satin Anodized
CRL490DBSA	CRL495DBSA	Dropped Ceiling Mount Single Slider Kit	Brushed Stainless Anodized
CRL4901D	CRL4951D	Dropped Ceiling Mount Single Slider With Fixed Panel Kit	Satin Anodized
CRL4901DBSA	CRL4951DBSA	Dropped Ceiling Mount Single Slider With Fixed Panel Kit	Brushed Stainless Anodized

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



CAT. NO. CRL490D/495D
Single Slider Kits

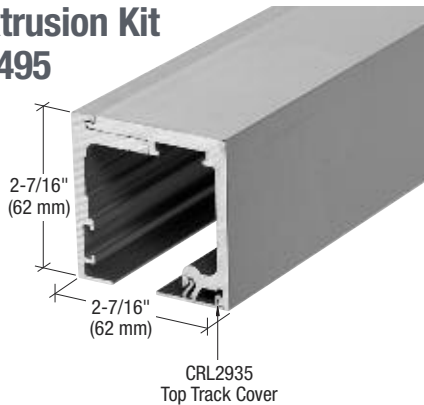


CAT. NO. CRL4901D/4951D
Single Slider With Fixed Panel Kits

CRL490/495 Series Replacement Components

Replacement Extrusion Kit for CRL490/CRL495

- Includes Top Track, Top Track Insert, and Top Track Cover
- 118" (3 m) Lengths
- Two Architectural Finishes Available

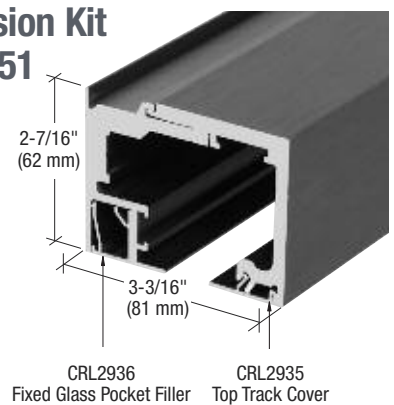


CAT. NO.	FINISH
CRL490EXT	Satin Anodized
CRL490BSAEXT	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier. **NOTE:** These Kits include extrusions only. All other components must be ordered separately.

Replacement Extrusion Kit for CRL4901/CRL4951

- Includes Top Track, Top Track Pocket Insert, Top Track Cover, and Fixed Glass Pocket Filler
- 118" (3 m) Lengths
- Two Architectural Finishes Available

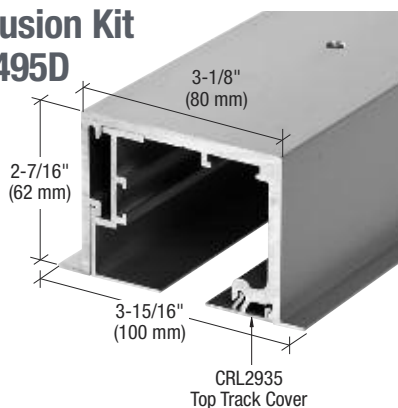


CAT. NO.	FINISH
CRL4931EXT	Satin Anodized
CRL4931BSAEXT	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier. **NOTE:** These Kits include extrusions only. All other components must be ordered separately.

Replacement Extrusion Kit for CRL490D/CRL495D

- Includes Dropped Ceiling Top Track, Dropped Ceiling Top Track Filler Insert, and Top Track Cover
- 118" (3 m) Lengths
- Two Architectural Finishes Available

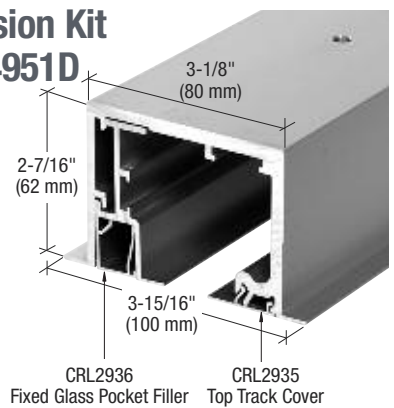


CAT. NO.	FINISH
CRL4932EXT	Satin Anodized
CRL4932BSAEXT	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier. **NOTE:** These Kits include extrusions only. All other components must be ordered separately.

Replacement Extrusion Kit for CRL4901D/CRL4951D

- Includes Dropped Ceiling Top Track, Dropped Ceiling Top Track Pocket Insert, Top Track Cover, and Fixed Glass Pocket Filler
- 118" (3 m) Lengths
- Two Architectural Finishes Available



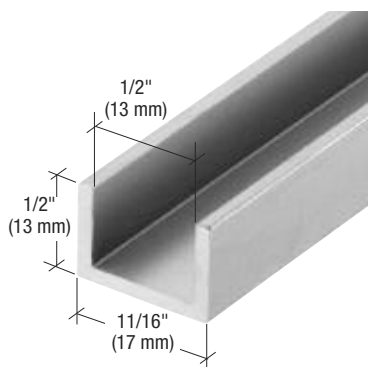
CAT. NO.	FINISH
CRL4933EXT	Satin Anodized
CRL4933BSAEXT	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier. **NOTE:** These Kits include extrusions only. All other components must be ordered separately.

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. See Vinyl at right.

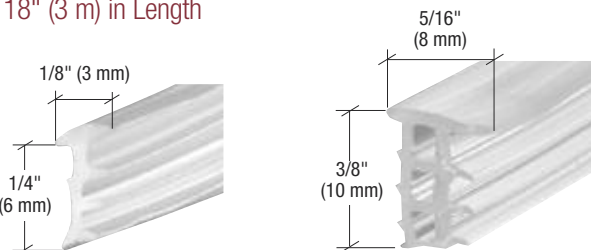


CAT. NO.	FINISH
CRL3979A	Satin Anodized
CRL3979BSA	Brushed Stainless Anodized

Minimum order: 1 each. Must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

Vinyl Gaskets for Fixed Glass Panels

- Clear Vinyl for CRL3979 Bottom Channel
- 118" (3 m) in Length



CAT. NO. CRL2943

CAT. NO. CRL2944

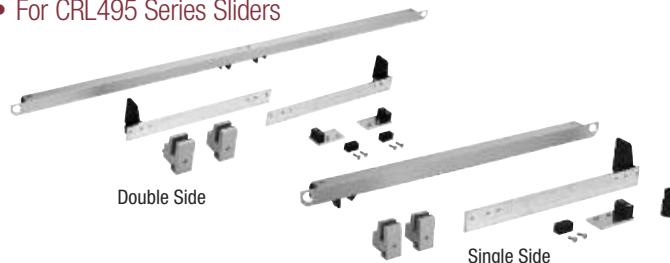
CAT. NO.	FOR USE WITH
CRL2943	1/2" (12 mm) Glass
CRL2944	5/16" and 3/8" (8 to 10 mm) Glass

Minimum order: 1 each.

CRL 490/495 Series Replacement Components

"Softbrake" Braking System Kit

- For CRL495 Series Sliders



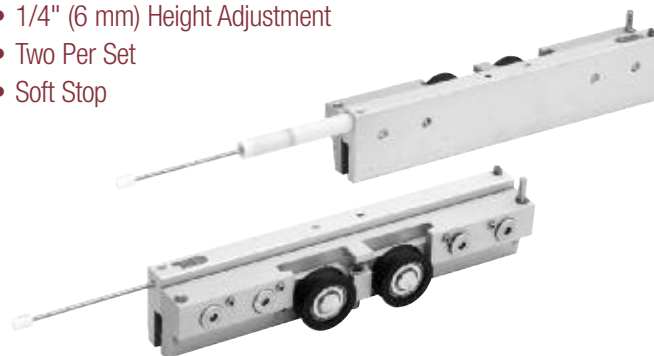
One "Softbrake" is required for each direction of travel. Minimum sliding panel width of 30-7/8" (785 mm) for control in a single direction: 42-1/2" (1079.5 mm) for control in both directions. Existing CRL490 Series installations can be easily upgraded by ordering kits.

CAT. NO.	DESCRIPTION
CRL4950	Single Side Softbrake Kit
CRL495SBK	Double Side Softbrake Kit

Minimum order: 1 each.

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
- Soft Stop



CAT. NO. CRL4939
Minimum order is one set

Roller Stops

- Easily Adjusts After Installation
- Two Per Set

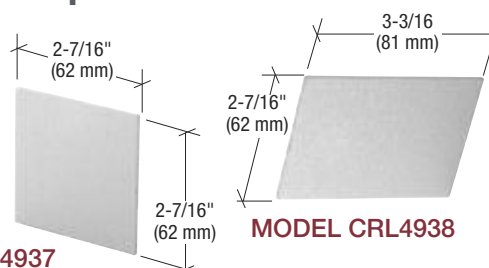


The CRL4942 Roller Stops mount inside the CRL490 Series Top Track and provide both a positive stop for the sliding panel as well as a hold feature. Stop position is easily adjusted after installation. Stops come complete with fasteners to secure in Top Track. Minimum order is one set

CAT. NO. CRL4942

End Caps for Top Tracks

- Two Per Set
- Attaches With Pre-Applied Double Sided Tape

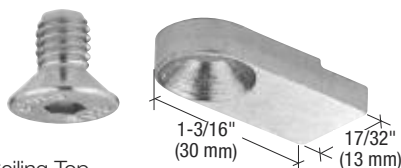


CAT. NO.	DESCRIPTION	FINISH
CRL4937	End Cap for Single Track	Satin Anodized
CRL4937BSA	End Cap for Single Track	Brushed Stainless Anodized
CRL4938	End Cap for Track w/Sidelite	Satin Anodized
CRL4938BSA	End Cap for Track w/Sidelite	Brushed Stainless Anodized

Minimum order: 1 set.

Dropped Ceiling Adapter Brackets

- 17 Adapter Brackets and Screws Per Pack

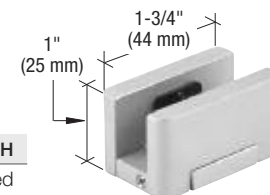


Used to attach Dropped Ceiling Top Track Inserts to Dropped Ceiling Top Track. Minimum order is one pack.

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

CRL Cabo Soft Slide Sliding Door System

- Featuring the New 'Softbrake' Braking System Controlling the Last 4" (102 mm) of Door Travel
- Hardware for One Sliding Door and One Fixed Panel
- Concealed Overhead Roller Design
- 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)

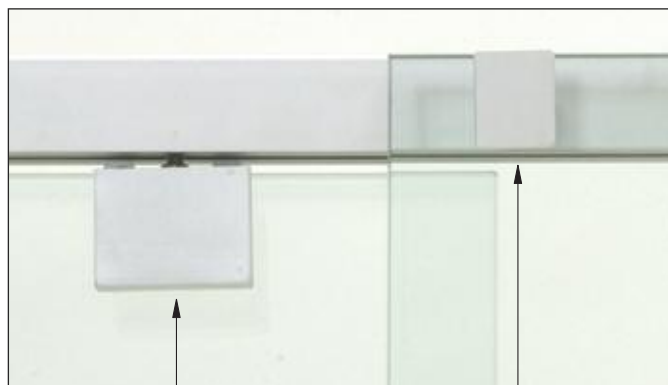
NEW!



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" (102 mm) of door travel, preventing the glass from impacting the frame or adjacent glass panel.

The Cabo Soft Slide Series offers a choice of two clamp cover designs (rounded or square), 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.



Shown With
Square Clamp

Fixed Glass
Connection to Header



Wall Mount Bracket
(Included with 180 Degree Kits)

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 65" (1.65 m) Wide

Glass Fabrication: Holes and Notches Required in Sliding Door

Includes: Gaskets, Screws, and Glass Fabrication Information

Go to crlaurence.com/Cabo
for a selection of replacement parts



Rounded Clamp Style



Square Cornered Clamp Style

180 DEGREE KITS WITH HEADERS

84" (2.13 M) ROUNDED CLAMP CAT. NO.	84" (2.13 M) SQUARE CLAMP CAT. NO.	FINISH
CABR84CH	CABS84CH	Polished Chrome
CABR84SA	CABS84SA	Satin Anodized
CABR84BN	CABS84BN	Brushed Nickel
CABR84BR	CABS84BR	Polished Brass
CABR84DU	CABS84DU	Duranodic Bronze

NOTE: Bottom Fixed Glass Attachments (channels or clamps), and handles must be ordered separately.

go to crlaurence.com to search for

cabo

Search

or enter the Catalog Number for complete product information

404Z

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

CRL
ALUMINUM

CRL SLIDING GLASS DOOR SYSTEMS

MORE CHOICES
crlaurence.com/gallery



go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

405Z

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

CRL
US ALUMINUM

CRL Birmingham Series Bi-Folding Top Hung Sliding Door System

- Top Hung With Heavy-Duty Rollers and Patch Fittings for Smooth Operation
- Three Kits to Choose From or Design Your Own
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- For Interior Use Only
- Rated for Panels Up to 110 lbs (50 kg)



The CRL Birmingham Bi-Folding Top Hung Door System features corner patches to create a modern and elegant look. It can accommodate from two to twelve panels that can be bi-folded to one side or bi-part, with a maximum of six panels to a side. The systems are easy to install and a cost effective solution for commercial or residential interior applications.

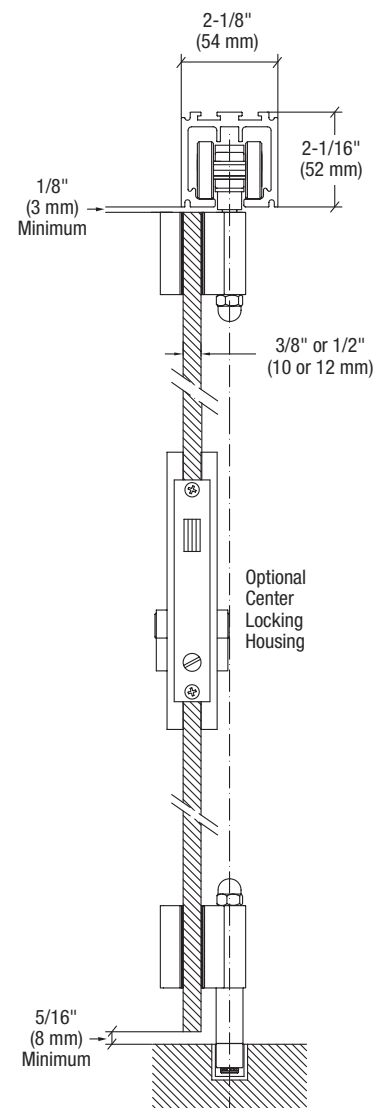
There are three kits available from stock: 2x2 Bi-Folding, a three panel Bi-Folding, and a four panel Bi-Folding. All with everything you need to complete the installation, except for the glass and the fasteners going into the substrate. However, the combinations do not stop there, you can easily add additional fittings to create the desired configuration of your choice, providing it meets system limitations.

Panels are hinged together with 304 grade stainless steel patches and suspended from the satin anodized aluminum top track by heavy-duty rollers. Similar patches are used at the midpoint of the panels to ensure safe operation on openings taller than 104" (2.6 m).

Matching bottom patches with guide pins slide inside a floor mounted continuous channel maintaining proper alignment of the panels as they fold open and closed.

Maximum panel weight of 110 lbs (50 kg), with a maximum width of 29" (737 mm) and maximum height of 118" (3 m). Fittings can accommodate 3/8" or 1/2" (10 or 12 mm) tempered glass and require two holes per fitting on each panel, and notches for the center lock housings. The top and bottom tracks come in 118" (3 m) lengths.

Optional Locking Handle and Receiver Handle are available, see page 411Z.



CRL Birmingham Series 2x2 Bi-Folding Door Kit

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Brushed Stainless Steel Patches
- Satin Anodized Top Track and Bottom Guide Channel

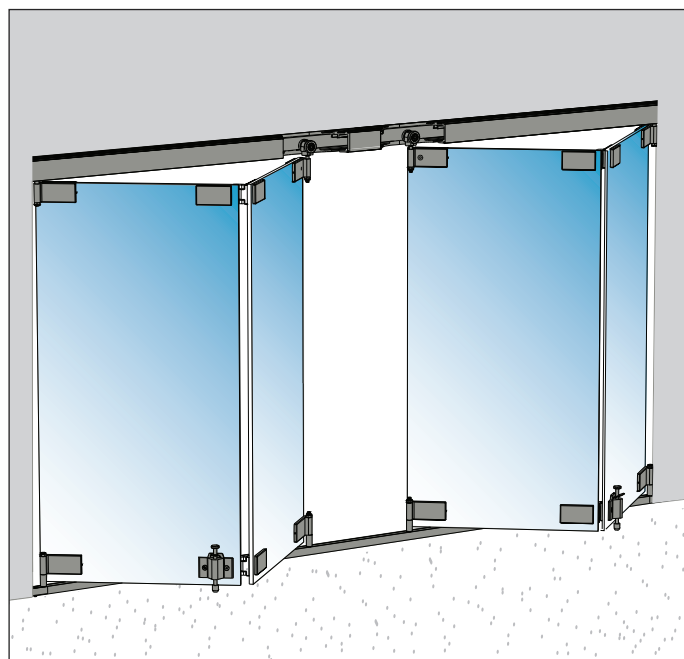


This configuration of the CRL Birmingham Series Bi-Folding Slider provides all the hardware needed to create a bi-folding four panel, 2x2 bi-parting entrance. Two panels bi-fold to each side, giving you a large unobstructed opening. Hardware can be easily reversed in the field to allow for opposite handing.

Maximum panel weight of 110 lbs (50 kg), with a maximum width of 29" (737 mm) and maximum height of 118" (3 m). Fittings can accommodate 3/8" or 1/2" (10 or 12 mm) tempered glass and require two holes per fitting on each panel, and notches for the center lock housings. The top and bottom tracks come in 118" (3 m) lengths.

Optional Locking Handle and Receiver Handle are available, see page 411Z.

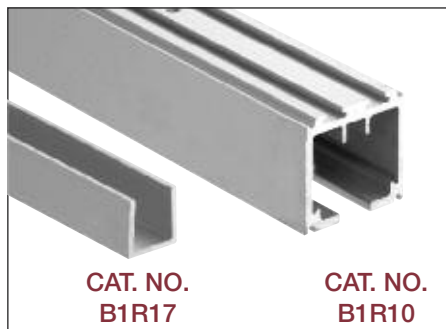
NOTE: For openings taller than 104" (2.6 m), additional Cat. No. B1R14 Glass-to-Glass Patches must be used at panel height midpoints to ensure safe operation of the system (ordered separately, see page 411Z).



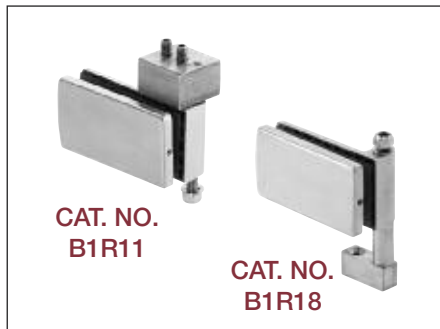
CAT. NO.	FOR GLASS THICKNESS
B1R22BP	3/8" to 1/2" (10 to 12 mm)

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length and must ship common carrier. Kits can be combined for quantity pricing.

Each Kit Contains:



One Top Track and One Bottom Guide Channel at 118" (3 m) in Length



Two Top Pivot Patches and Two Bottom Pivot Patches



Two Top Single Roller Patches and Two Bottom Guide Patches



Two Glass-to-Glass Patches



Two Glass-to-Glass Bottom Lock Patches



Two Top Track End Caps and 15 Top Track Support Brackets

CRL Birmingham Series 3 Panel Bi-Folding Door Kit

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Brushed Stainless Steel Patches
- Satin Anodized Top Track and Bottom Guide Channel

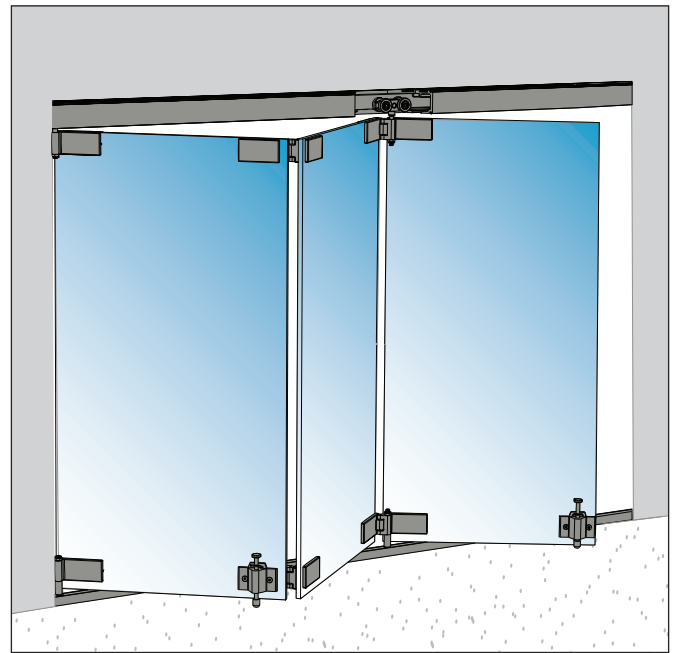


This configuration of the CRL Birmingham Series Bi-Folding Slider provides all the hardware needed to create a bi-folding three panel entrance. All panels bi-fold to one side, giving you a large unobstructed opening. Hardware can be easily reversed in the field to allow for opposite handing.

Maximum panel weight of 110 lbs (50 kg), with a maximum width of 29" (737 mm) and maximum height of 118" (3 m). Fittings can accommodate 3/8" or 1/2" (10 or 12 mm) tempered glass and require two holes per fitting on each panel, and notches for the center lock housings. The top and bottom tracks come in 118" (3 m) lengths.

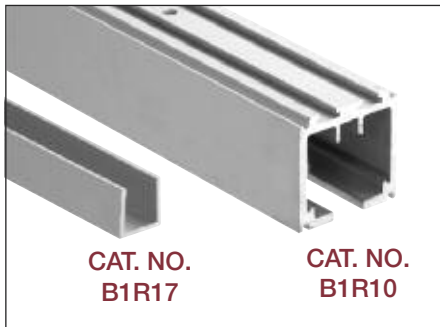
Optional Locking Handle and Receiver Handle are available, see page 411Z.

NOTE: For openings taller than 104" (2.6 m), additional Cat. No. B1R14 Glass-to-Glass Patches must be used at panel height midpoints to ensure safe operation of the system (ordered separately, see page 411Z).

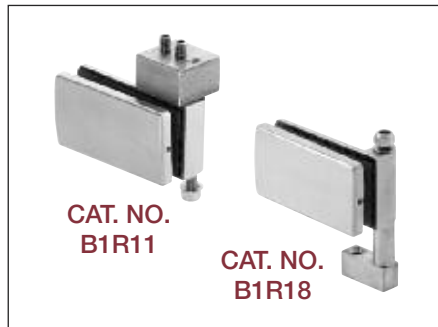


CAT. NO.	FOR GLASS THICKNESS
B1R3S	3/8" to 1/2" (10 to 12 mm)
Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length and must ship common carrier. Kits can be combined for quantity pricing.	

Each Kit Contains:



One Top Track and One Bottom Guide Channel at 118" (3 m) in Length



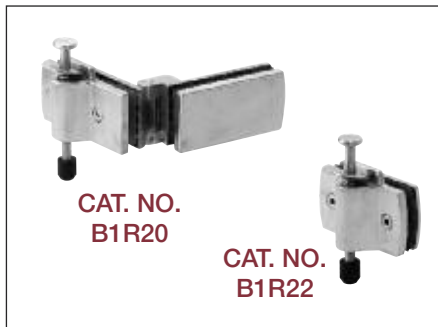
One Top Pivot Patch and One Bottom Pivot Patch



One Top Glass-to-Glass Roller Patch and One Bottom Glass-to-Glass Guide Patch



One Glass-to-Glass Patch



One Glass-to-Glass Bottom Lock Patch and One Bottom Lock Patch



Two Top Track End Caps and 15 Top Track Support Brackets

CRL Birmingham Series 4 Panel Bi-Folding Door Kit

- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Brushed Stainless Steel Patches
- Satin Anodized Top Track and Bottom Guide Channel

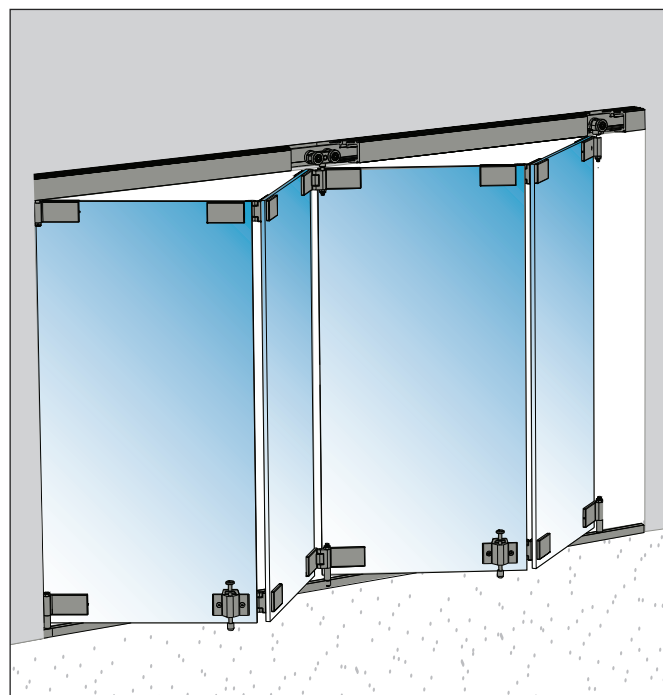


This configuration of the CRL Birmingham Series Bi-Folding Slider provides all the hardware needed to create a bi-folding four panel entrance. All panels bi-fold to one side, giving you a large unobstructed opening. Hardware can be easily reversed in the field to allow for opposite handing.

Maximum panel weight of 110 lbs (50 kg), with a maximum width of 29" (737 mm) and maximum height of 118" (3 m). Fittings can accommodate 3/8" or 1/2" (10 or 12 mm) tempered glass and require two holes per fitting on each panel, and notches for the center lock housings. The top and bottom tracks come in 118" (3 m) lengths.

Optional Locking Handle and Receiver Handle are available, see page 411Z.

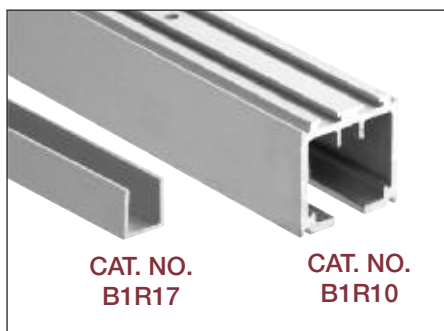
NOTE: For openings taller than 104" (2.6 m), additional Cat. No. B1R14 Glass-to-Glass Patches must be used at panel height midpoints to ensure safe operation of the system (ordered separately, see page 411Z).



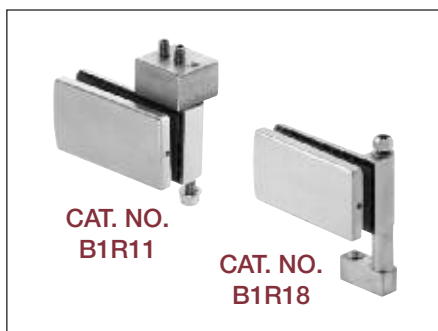
CAT. NO.	FOR GLASS THICKNESS
B1R4S	3/8" to 1/2" (10 to 12 mm)

Minimum order: 1 each. Kits contain stock lengths measuring 118" (3 m) in length and must ship common carrier. Kits can be combined for quantity pricing.

Each Kit Contains:



One Top Track and One Bottom Guide Channel at 118" (3 m) in Length



One Top Pivot Patch and One Bottom Pivot Patch



One Top Single Roller Patch and One Bottom Guide Patch



Two Glass-to-Glass Patches and Two Glass-to-Glass Bottom Lock Patches



One Glass-to-Glass Roller Patch and One Glass-to-Glass Guide Patch

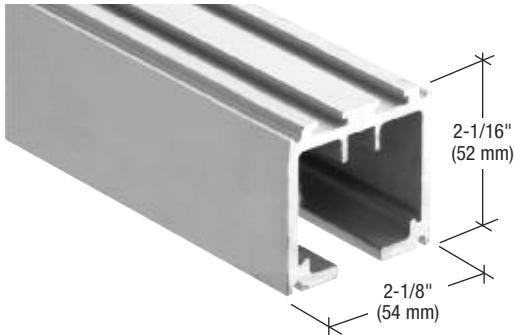


Two Top Track End Caps and 15 Top Track Support Brackets

CRL Birmingham Series Accessories

CRL Birmingham Series Top Track

- Satin Anodized Finish
- 118" (3 m) in Length



CRL Birmingham Series Top Tracks are made of satin anodized aluminum and come in 118" (3 m) stock lengths. They are pre-drilled at 9-7/8" (251 mm) centers for use with Cat. No. B1R23 Top Track Support Brackets for wall mount applications. Fasteners to wall or ceiling are not included.

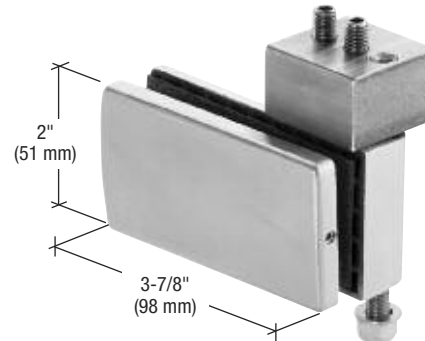
CAT. NO.	FINISH
B1R10	Satin Anodized

Minimum order: 1 stock length. Must ship common carrier.

CRL Birmingham Series Top Pivot Patch



- 304 Grade Stainless Steel
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



This CRL Birmingham Series Top Pivot Patch provides a fixed top pivot for the bi-fold system. It mounts inside the Cat. No. B1R10 Top Track with no drilling required, and clamps onto the top corner of the glass panel. This Patch comes in a brushed stainless steel finish. Handing is easily field reversible. Two holes in the glass are required.

CAT. NO.	FINISH
B1R11	Brushed Stainless

Minimum order: 1 each.

CRL Birmingham Series Top Single Roller Patch



- 304 Grade Stainless Steel
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Maximum Panel Weight 110 lbs (50 kg)



The CRL Birmingham Series Top Single Roller Patch provides smooth, simple bi-fold action of the leading door of the bi-fold system. The single roller works with the Cat. No. B1R10 Top Track, and mounts on the top corner of the glass panel. This Patch comes in a brushed stainless steel finish. Handing is easily field reversible. Two holes in glass are required.

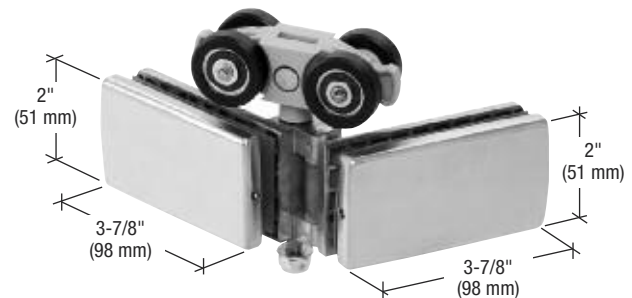
CAT. NO.	FINISH
B1R12	Brushed Stainless

Minimum order: 1 each.

CRL Birmingham Series Top Glass-to-Glass Roller Patch



- 304 Grade Stainless Steel
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Maximum Panel Weight 110 lbs (50 kg)



This CRL Birmingham Series Top Glass-to-Glass Roller Patch provides for smooth, simple bi-fold action where two panels meet in the bi-fold system. The double roller works with the Cat. No. B1R10 Top Track, and mounts on top corners of the glass panels. This Patch comes in a brushed stainless steel finish. Handing is easily field reversible. Two holes per panel in glass are required.

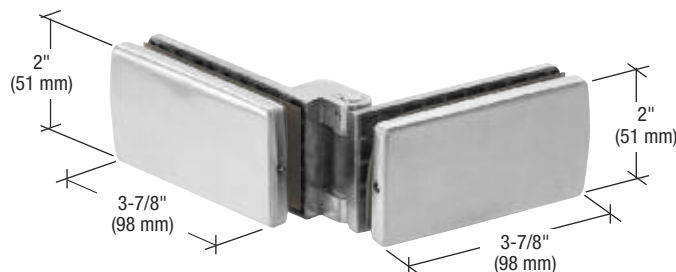
CAT. NO.	FINISH
B1R13	Brushed Stainless

Minimum order: 1 each.

CRL Birmingham Series Accessories

CRL Birmingham Series Glass-to-Glass Patch

- 304 Grade Stainless Steel
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Maximum Door Width is 29" (737 mm)



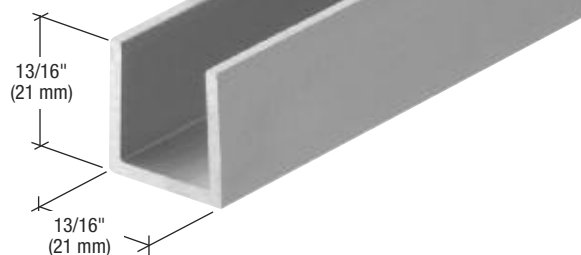
This CRL Birmingham Series Glass-to-Glass Patch connects two panels at non-roller locations in the bi-fold system. This Patch mounts on the top corners of the glass panels, and is also used at mid-height locations for openings taller than 104" (2.6 m). This Patch is available in a brushed stainless steel finish and is non-handed. Two holes in each glass panel are required.

CAT. NO.	FINISH
B1R14	Brushed Stainless

Minimum order: 1 each.

CRL Birmingham Series Bottom Guide Channel

- Satin Anodized Finish
- 118" (3 m) in Length



The CRL Birmingham Series Bottom Guide Channel is recessed into the floor, and receives the guide pin from Cat. No. B1R19 and B1R21 to secure and guide the panels of the bi-fold systems. This Channel is made from satin anodized aluminum and is 118" (3 m) in length.

CAT. NO.	FINISH
B1R17	Satin Anodized

Minimum order: 1 stock length. Must ship common carrier, unless you specify we cut them for U.P.S. A cutting charge will apply.

CRL Birmingham Series Locking Handle

- 304 Grade Stainless Steel
- European Style Lock
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



This CRL Birmingham Series Locking Handle provides added security to the bi-fold system. Available in brushed stainless steel finish, they are keyed outside with a thumbturn inside, and have a hook latch for securing the bi-fold panel. A jamb mounted strike plate is included. For glass-to-glass applications there is a matching Receiver Handle (Cat. No. B1R16, ordered separately). A notch in the glass panel is required.



CAT. NO.	FINISH
B1R15	Brushed Stainless

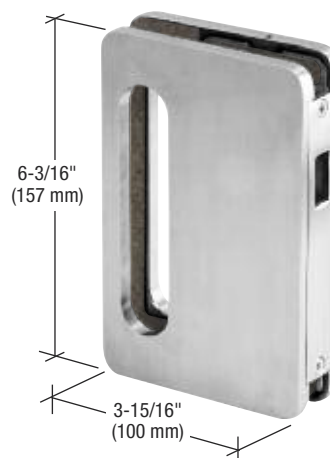
Minimum order: 1 each.

CRL Birmingham Series Receiver Handle

- 304 Grade Stainless Steel
- Accepts B1R15 Lock
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



This CRL Birmingham Series Receiver Handle provides a glass mounted strike for Cat. No. B1R15 Lock Handle. Available in brushed stainless steel finish. A notch in the glass panel is required.



CAT. NO.	FINISH
B1R16	Brushed Stainless

Minimum order: 1 each.

go to crlaurence.com to search for

birmingham

Search

or enter the Catalog Number for complete product information

411Z

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

CRL
ALUMINUM

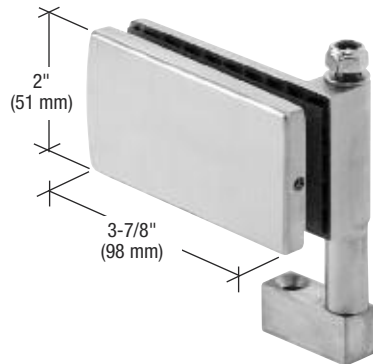
CRL Birmingham Series Accessories

CRL Birmingham Series Bottom Pivot Patch

- 304 Grade Stainless Steel
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



This CRL Birmingham Series Bottom Pivot Patch provides a fixed bottom pivot for the bi-fold system. It mounts inside the Cat. No. B1R17 Bottom Guide Channel, and clamps onto the bottom corner of the glass panel. This Patch comes in a brushed stainless steel finish. Handling is easily field reversible. Two holes in glass panel are required.



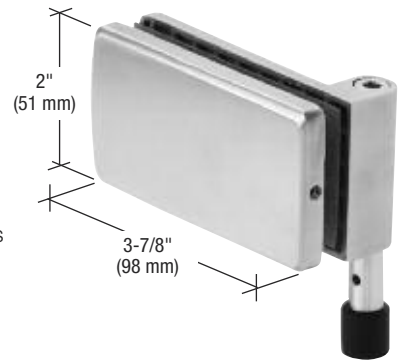
CAT. NO.	FINISH
B1R18	Brushed Stainless
Minimum order: 1 each.	

CRL Birmingham Series Bottom Guide Patch

- 304 Grade Stainless Steel
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



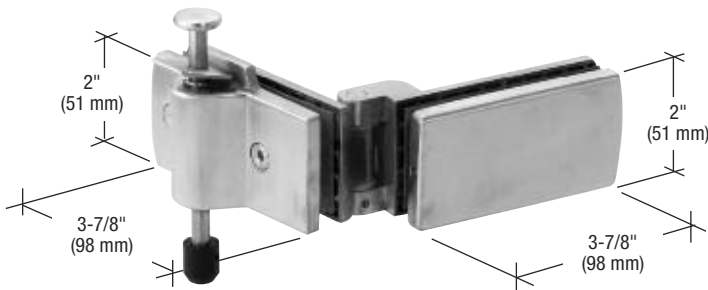
The CRL Birmingham Series Bottom Guide Patch provides for smooth, simple bi-fold action of the leading panel of the bi-fold system. The guide pin works with the Cat. No. B1R17 Bottom Guide Channel, and mounts on the bottom corner of the glass panel. This Patch comes in a brushed stainless steel finish. Handling is easily field reversible. Two holes in the glass panel are required.



CAT. NO.	FINISH
B1R19	Brushed Stainless
Minimum order: 1 each.	

CRL Birmingham Series Bottom Glass-to-Glass Lock Patch

- 304 Grade Stainless Steel
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

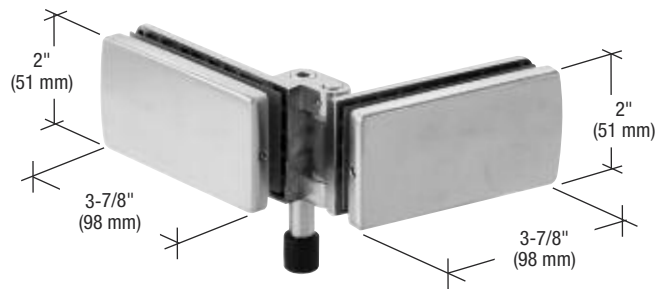


This CRL Birmingham Series Bottom Glass-to-Glass Lock Patch connects two panels at non-guide pin locations of the bi-fold system. The easy lock and release mechanism secures the door in the closed position. This Patch comes in a brushed stainless steel finish. Handling is easily field reversible. Two holes in each glass panel are required.

CAT. NO.	FINISH
B1R20	Brushed Stainless
Minimum order: 1 each.	

CRL Birmingham Series Bottom Glass-to-Glass Guide

- 304 Grade Stainless Steel
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass



The CRL Birmingham Series Bottom Glass-to-Glass Guide Patch provides for smooth, simple bi-fold action where two panels meet in the bi-fold system. The guide pin works with the Cat. No. B1R17 Bottom Guide Channel, and mounts on the bottom corners of the glass panels. This Patch comes in a brushed stainless steel finish. Handling is easily field reversible. Two holes in each glass panel are required.

CAT. NO.	FINISH
B1R21	Brushed Stainless
Minimum order: 1 each.	

CRL Birmingham Series Accessories

CRL Birmingham Series Bottom Lock Patch

- 304 Grade Stainless Steel
- Easy Lock and Release Function



The CRL Birmingham Series Bottom Lock Patch mounts to the bottom corner of the lead pivot panel of the bi-fold system. The easy lock and release mechanism secures the door in the closed position. This Patch is available in a brushed stainless steel finish and is non-handed. Two holes in glass panel are required.

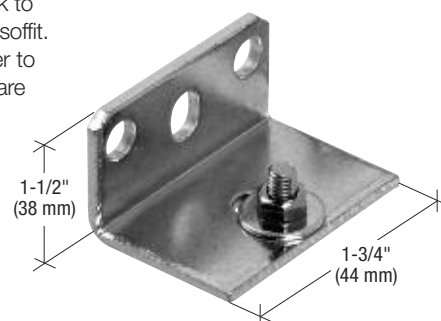


CAT. NO.	FINISH
B1R22	Brushed Stainless
Minimum order: 1 each.	

CRL Birmingham Series Top Track Support Bracket

- Heavy-Duty 90 Degree Support Bracket

The CRL Birmingham Series Top Track Support Bracket is used to mount the B1R10 Top Track to the face of a wall or soffit. Bolt, nut, and washer to attach to Top Track are included.



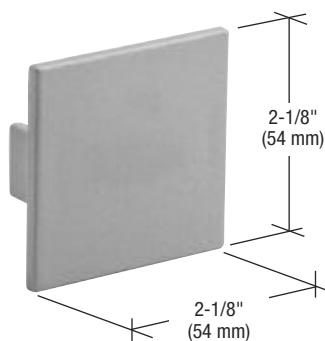
CAT. NO.	DESCRIPTION
B1R23	Top Track Support Bracket
Minimum order: 1 each.	

CRL Birmingham Series Top Track End Cap

- Designed for End of B1R10 Top Track
- Installs Using RTV408 Silicone Sealant

This CRL Birmingham Series End Cap is made to fit the B1R10 Top Track. Made of gray molded plastic to match the anodized track.

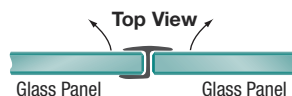
End Cap is secured to Top Track using RTV408 Silicone Sealant.



CAT. NO.	COLOR
B1R24	Gray
Minimum order: 1 each.	

CRL Clear Polycarbonate 'Y' Inline Seals

- Snap-On Application
- 118" (3 m) in Length



CRL 'Y' Inline Seals are designed to snap-on the vertical edge of the glass panels. The "U" portion is rigid and the single leg is soft to make a tight seal.

CAT. NO.	FOR GLASS THICKNESS
PCC10118	3/8" (10 mm)
PCC12118	1/2" (12 mm)

Minimum order: 1 each. Must ship common carrier, or may be cut for UPS shipment. A Cutting Charge will apply.



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.



go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

414Z

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

CRL[®]
US ALUMINUM

CRL Overhead Track Sliding and Bi-Fold Doors



- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Custom Built in Eight Standard Sliding Configurations and Eight Standard Bi-Fold Configurations
- 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 (see page 418Z) 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. 0TBR Series Recessed Guide Channel (see pages 418Z) is included with each system for increased performance and added security.

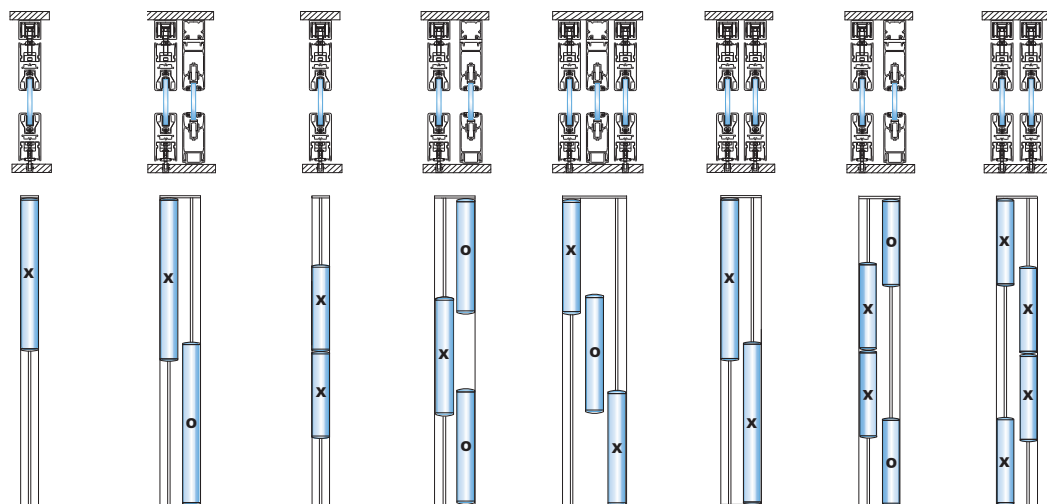


CRL Overhead Track Sliding Door Configurations

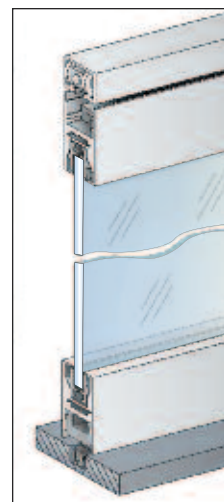
- Silent Moving Four-Roller Carriage Assemblies in Eight Configurations

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, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.

ARCHITECTURAL SPECIFICATIONS



X = Sliding Panel O = Fixed Panel



FINISHES

Satin Anodized
Black Bronze Anodized
Black Powder Coat
*Brushed Stainless
*Polished Stainless
*Polished Brass

X	XO (OX) BYPASS	XX BI-PART	OXO BYPASS	XOX BYPASS	XX BYPASS	OXXO 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.
OTS1	OTS101	OTS2	OTS102	OTS203	OTS22	OTS202	OTS24

Minimum order: 1 each. Must ship common carrier.

*Clad finish.

go to crlaurence.com to search for

sliding-glass-doors

Search

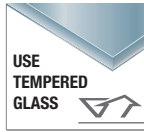
or enter the Catalog Number for complete product information

415Z

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



CRL Overhead Track Half Leaf Bi-Fold Door Systems



- For Use With 3/8" or 1/2" (10 or 12 mm) 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. OTCA Carriage Assembly (see page 418Z) at the midpoint of the panel's width.

OTBR Series Guide Recessed Channel (see page 418Z) is supplied with each order to prevent the panels from swaying 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:** Comes with 4" (102 mm) square rails only and are custom ordered. 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, and ask for Ext. 7700. You can also send an e-mail to architectural@crlaurence.com.



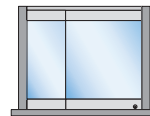
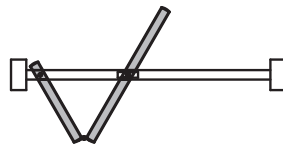
ARCHITECTURAL
SPECIFICATIONS



HALF LEAF BI-FOLD 2 PANELS

CAT. NO.	FINISH
OTC2SA	Satin Anodized
OTC2DU	Black Bronze Anodized
OTC2BL	Black Powder Coat
OTC2BS	*Brushed Stainless
OTC2PS	*Polished Stainless
OTC2PB	*Polished Brass

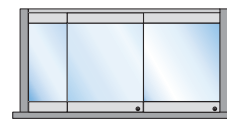
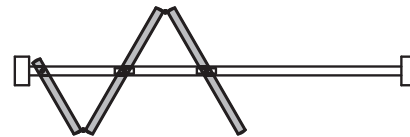
Minimum order: 1 each. *Clad Finish.



HALF LEAF BI-FOLD 3 PANELS

CAT. NO.	FINISH
OTC3SA	Satin Anodized
OTC3DU	Black Bronze Anodized
OTC3BL	Black Powder Coat
OTC3BS	*Brushed Stainless
OTC3PS	*Polished Stainless
OTC3PB	*Polished Brass

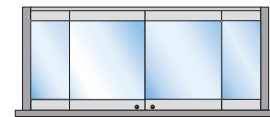
Minimum order: 1 each. *Clad Finish.



HALF LEAF BI-FOLD 4 PANELS BIPART

CAT. NO.	FINISH
OTC4BPSSA	Satin Anodized
OTC4BPDU	Black Bronze Anodized
OTC4BPBL	Black Powder Coat
OTC4BPBS	*Brushed Stainless
OTC4BPSS	*Polished Stainless
OTC4BPSSB	*Polished Brass

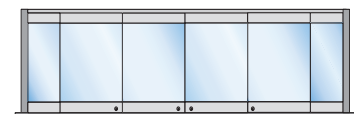
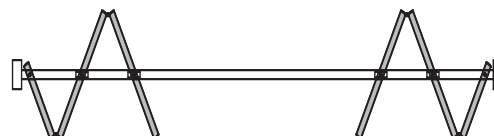
Minimum order: 1 each. *Clad Finish.



HALF LEAF BI-FOLD 6 PANELS BIPART

CAT. NO.	FINISH
OTC6BPSSA	Satin Anodized
OTC6BPDU	Black Bronze Anodized
OTC6BPBL	Black Powder Coat
OTC6BPBS	*Brushed Stainless
OTC6BPSS	*Polished Stainless
OTC6BPSSB	*Polished Brass

Minimum order: 1 each. *Clad Finish.



CRL Overhead Track Full Leaf Bi-Fold Door Systems



- For Use With 3/8" or 1/2" (10 or 12 mm) 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 (see page 418Z) at the panel's end point.

0TBR Series Recessed Guide Channel (see page 418Z) is supplied with each order to prevent the panels from swaying during operation. Maximum panel weight not to exceed 170 pounds (77 kg). Maximum panel width for the 0TB2 and 0TB4 Series is 39" (1 m). Maximum panel width for the 0TB3 and 0TB6 Series is 34" (864 mm). Minimum panel width is 15" (381 mm). **NOTE:** Comes with 4" (102 mm) square rails only and are custom ordered. 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, and ask for Ext. 7700. You can also send an e-mail to architectural@crlaurence.com.


ARCHITECTURAL SPECIFICATIONS


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

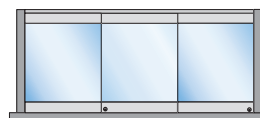
Minimum order: 1 each. *Clad Finish.



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

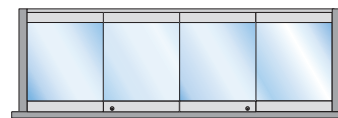
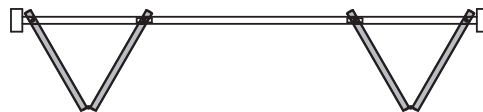
Minimum order: 1 each. *Clad Finish.



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

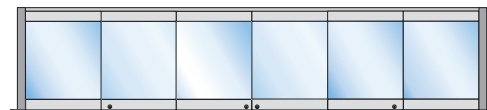
Minimum order: 1 each. *Clad Finish.



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.



go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

417Z

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



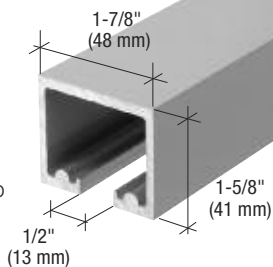
CRL Accessories for Overhead Track Sliding and Bi-Fold Door Systems

- Common to Our OTS, OTC, and OTB Series Door Systems

CRL 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
OTTR120DU	120" (3.05 m)	Black Bronze Anodized
OTTR120SA	120" (3.05 m)	Satin Anodized
OTTR240DU	240" (6.1 m)	Black Bronze Anodized
OTTR240SA	240" (6.1 m)	Satin Anodized

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Must ship via common carrier.

CRL Carriage Assembly

- Durable, Long Lasting
- Available With Nylon or Stainless Steel Rollers

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 either nylon or stainless rollers with ball bearings. Threaded Rod is 3/8"-16.

NOTE: Maximum load must not exceed 112 pounds (51 kg) for nylon rollers or 170 pounds (77 kg) for stainless steel rollers per Carriage Assembly.



CAT. NO.	ROLLERS
OTCA	Nylon
OTCASS	Stainless Steel

Minimum order: 1 each

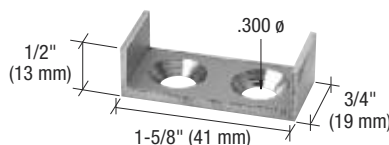
CRL Guide Channels

- Recessed Design
- Available in 120" (3.05 m) and 240" (6.1 m) Stock Lengths
- Choice of Two Finishes

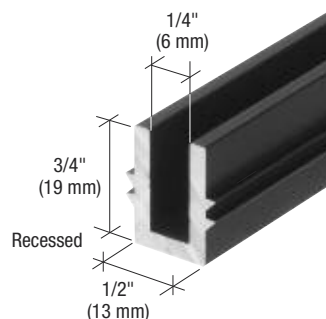
These CRL Guide Channels for Overhead Track Sliding and Bi-Fold Doors are available in stock lengths that you can cut to size in the field if conditions require mounting the Guide Channel prior to ordering the entire system. Recessed design eliminates tripping hazards. Optional Floor Guide, Cat. No. OT1FG for use with one sliding door rail.

120" (3.05 M) CAT. NO.	240" (6.1 M) CAT. NO.	FINISH
OTBR120DU	OTBR240DU	Black Bronze Anodized
OTBR120SA	OTBR240SA	Satin Anodized

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Must ship via common carrier.



CAT. NO. OT1FG
Floor Guide



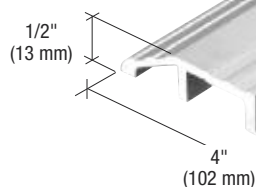
CRL Surface Mounted Bottom Guide Thresholds

- No Need to Recess Into the Floor
- Thresholds Provide Various Mounting Possibilities

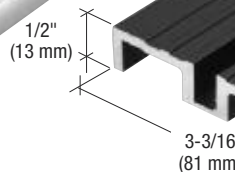
The CRL Surface Mounted Bottom Guide Thresholds are for Top Hung Sliding and Bi-Folding Doors they make for an easier, time-saving installation because there's no need to cut into the floor to create a track path.

TH0T1 CAT. NO.	TH0T2 CAT. NO.	TH0T3 CAT. NO.	STOCK LENGTH	FINISH
TH0T1DUSL	TH0T2DUSL	---	120" (3.05 m)	Black Bronze Anodized
TH0T1DU240	TH0T2DU240	---	240" (6.1 m)	Black Bronze Anodized
TH0T1DUCL	TH0T2DUCL	TH0T3DUCL	Custom Length	Black Bronze Anodized
TH0T1SASL	TH0T2SASL	---	120" (3.05 m)	Satin Anodized
TH0T1SA240	TH0T2SA240	---	240" (6.1 m)	Satin Anodized
TH0T1SACL	TH0T2SACL	TH0T3SACL	Custom Length	Satin Anodized

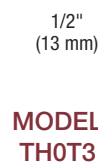
Minimum order: 1 stock length. Finishes can be combined for quantity pricing. Must ship via common carrier.



MODEL TH0T1



MODEL TH0T2



MODEL TH0T3



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.

go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

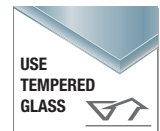
419Z

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

CRL
ALUMINUM



CRL SDR and SSR Bottom Rolling Sliding Door Systems



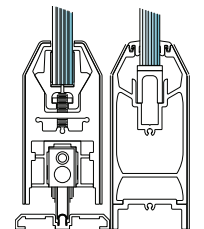
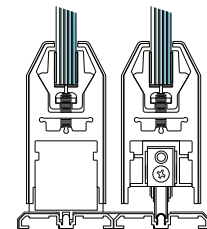
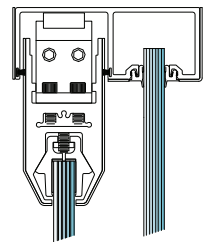
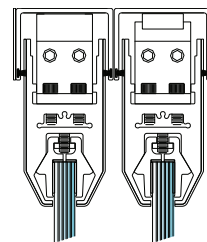
- Variety of Styles and Finishes Available for Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass
- Saves Valuable Floor Space – Does Not Project Out of the Door Opening
- Doors Can Be Aligned Without Removal
- Each Unit Custom Built to Fit the Opening



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 427Z to 428Z.

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, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.



Typical Section of SDR System
(See pages 421Z to 423Z)

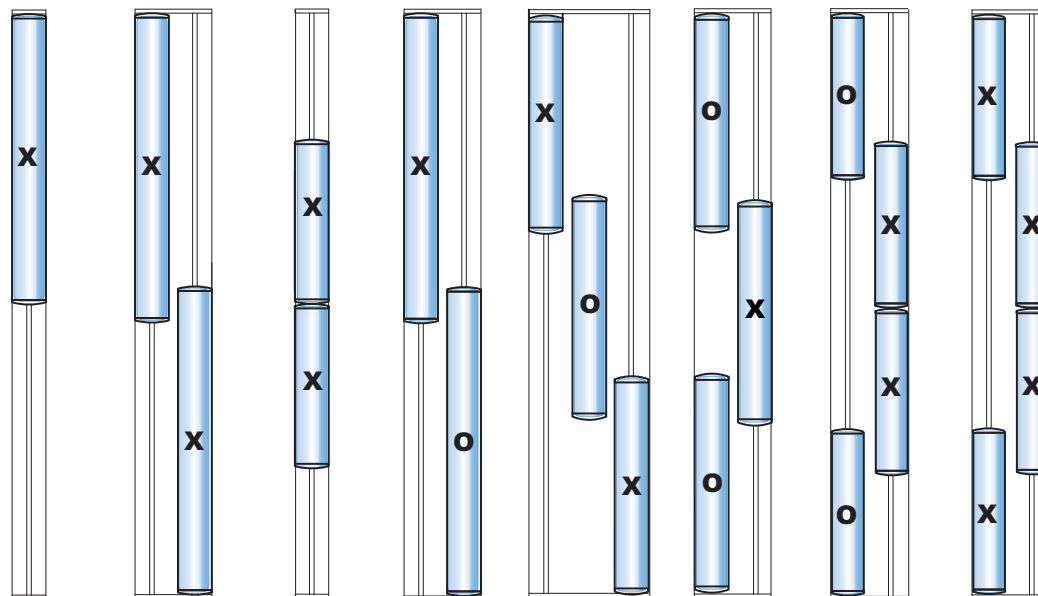
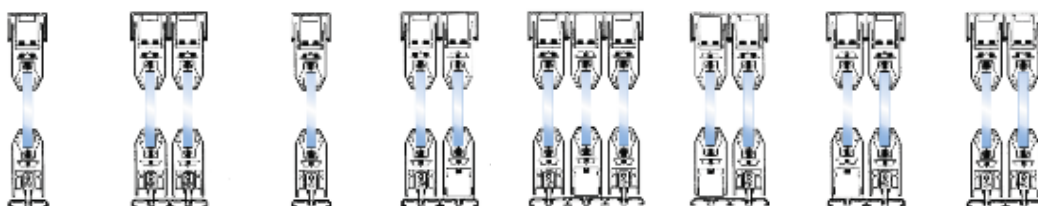
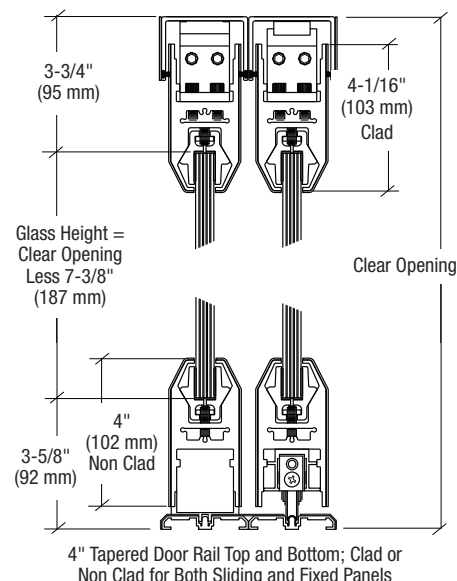
Typical Section of SSR System
(See pages 424Z to 426Z)

CRL SDR Bottom Rolling Sliding Door System

- With 4" Tapered DR4T Series Door Rails
- Available in Seven Architectural Finishes
- For 3/8" to 1/2" (10 to 12 mm) Thick Glass

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). Minimum door width is 14-3/4" (375 mm) without lock; 21-9/16" (548 mm) with lock.

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, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.



Top View of Panels
X = Sliding Panel O = Fixed Panel



3" (76 mm)
Typical Door
Overlap

FINISHES

Satin Anodized
Black Bronze Anodized
Black Powder Coat
*Brushed Stainless
*Polished Stainless
*Polished Brass
*Satin Brass

*Clad finish.

X	XX BYPASS	XX BI-PART	XO (OX) BYPASS	XOX BYPASS	OXO BYPASS	OXXO BI-PART	XXXX BYPASS
SERIES CAT. NO.	SERIES CAT. NO.	SYSTEM USING 4" TAPERED RAILS TOP AND BOTTOM				SERIES CAT. NO.	SERIES CAT. NO.
SDR1A	SDR2B	SDR21B	SDR2C	SDR3D	SDR3E	SDR4F	SDR42F

Minimum order: 1 each. Must ship common carrier.

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

421Z

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

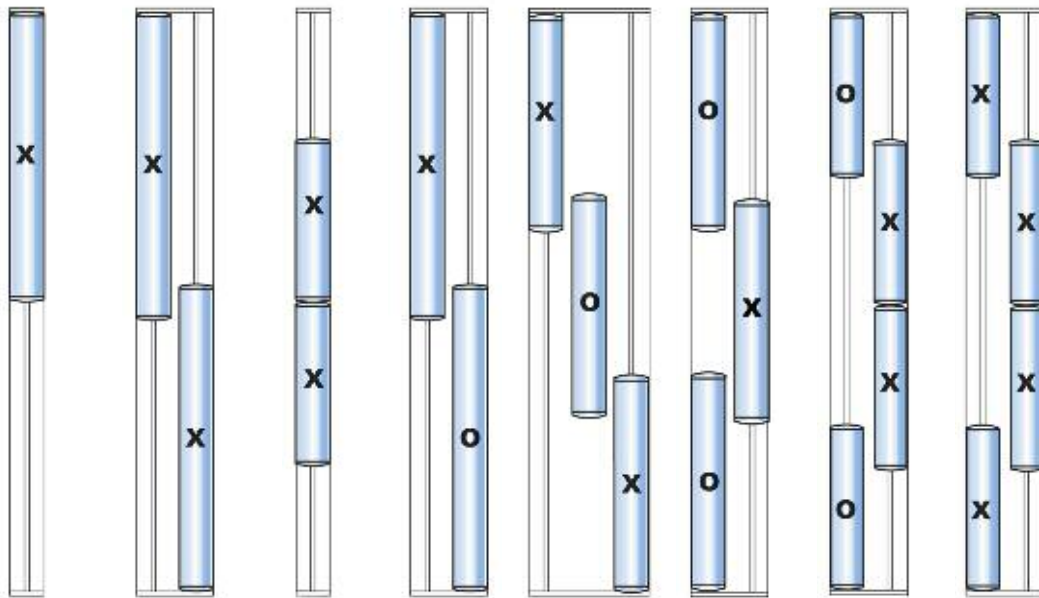
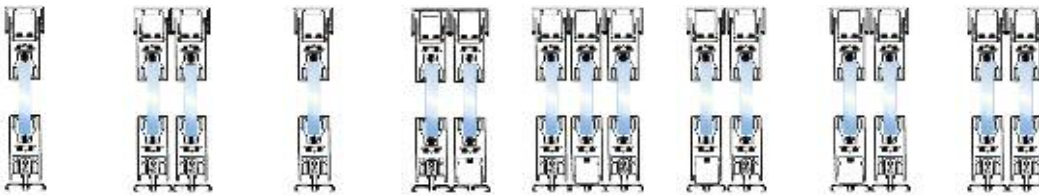
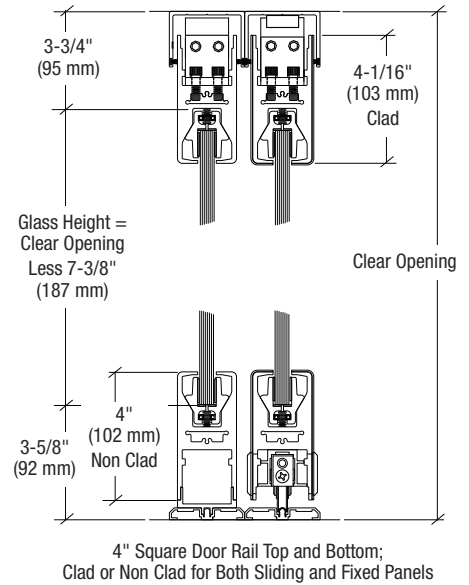


CRL SDR Bottom Rolling Sliding Door System

- With 4" Square DR4S Series Door Rails
- Available in Seven Architectural Finishes
- For 3/8" to 1/2" (10 to 12 mm) Thick Glass

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). Minimum door width is 14-3/4" (375 mm) without lock; 21-9/16" (548 mm) with lock.

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, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.



Top View of Panels
X = Sliding Panel O = Fixed Panel

X	XX BYPASS	XX BI-PART	XO (OX) BYPASS	XOX BYPASS	OXO BYPASS	OXXO BI-PART	XXXX BYPASS
SERIES CAT. NO.	SERIES CAT. NO.	SYSTEM USING 4" SQUARE RAILS TOP AND BOTTOM				SERIES CAT. NO.	SERIES CAT. NO.
4SDR1A	4SDR2B	4SDR21B	4SDR2C	4SDR3D	4SDR3E	4SDR4F	4SDR42F

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.

go to crlaurence.com to search for

sliding-glass-doors

Search

422Z

or enter the Catalog Number for complete product information

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

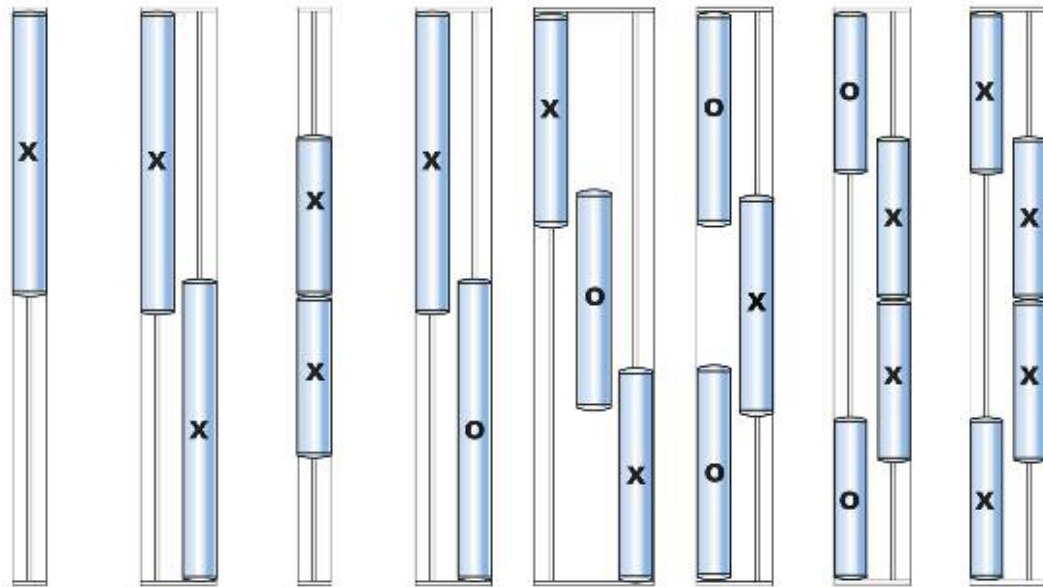
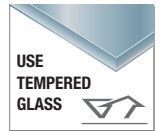
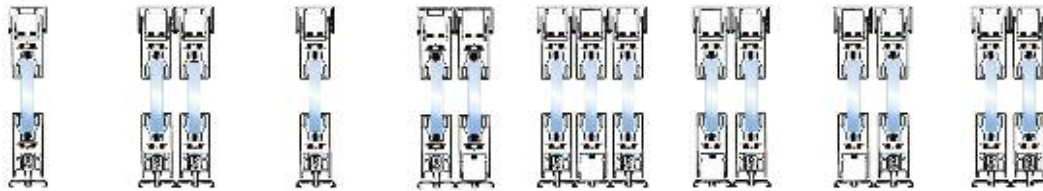
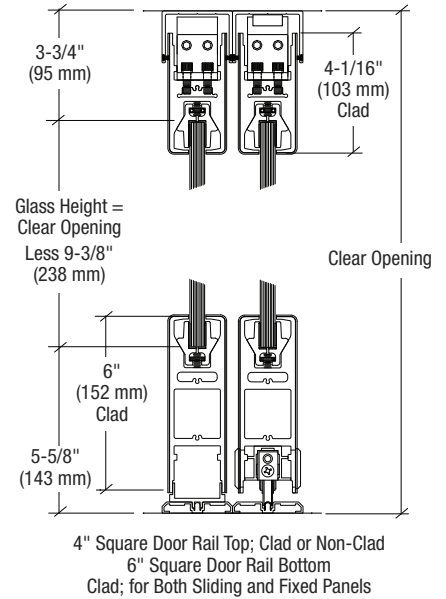


CRL SDR Bottom Rolling Sliding Door System

- With 4" Square DR4S Series Top Door Rails and 6" Square DR6S Series Bottom Door Rails
- Available in Seven Architectural Finishes
- For 3/8" to 1/2" (10 to 12 mm) Thick Glass

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). Minimum door width is 14-3/4" (375 mm) without lock; 21-9/16" (548 mm) with lock.

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, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.



Top View of Panels
X = Sliding Panel O = Fixed Panel

X	XX BYPASS	XX BI-PART	XO (OX) BYPASS	XOX BYPASS	OXO BYPASS	OXXO 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.
6SDR1A	6SDR2B	6SDR21B	6SDR2C	6SDR3D	6SDR3E	6SDR4F	6SDR42F

FINISHES

- Satin Anodized
- Black Bronze Anodized
- Black Powder Coat
- *Brushed Stainless
- *Polished Stainless
- *Polished Brass
- *Satin Brass

*Clad finish.

Minimum order: 1 each. Must ship common carrier.

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

423Z

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



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
- For 3/8" to 1/2" (10 to 12 mm) Thick Glass

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.

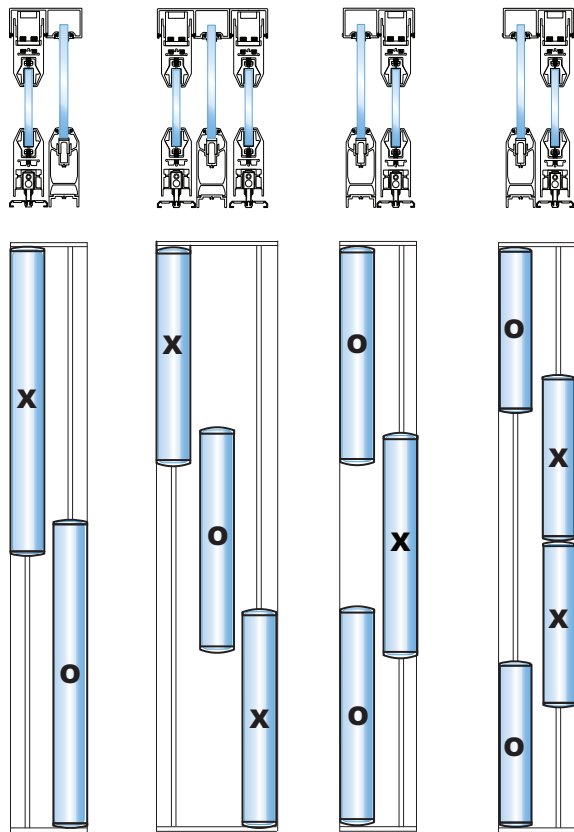
The fixed panels utilize our popular SR4T Series Sidelite Rails with roll-in vinyl at the bottom of the panel, and an integrated glazing channel with roll-in vinyl in the top track. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg). Minimum door width is 14-3/4" (375 mm) without lock; 21-9/16" (548 mm) with lock.

All panels are custom fabricated to your specifications.



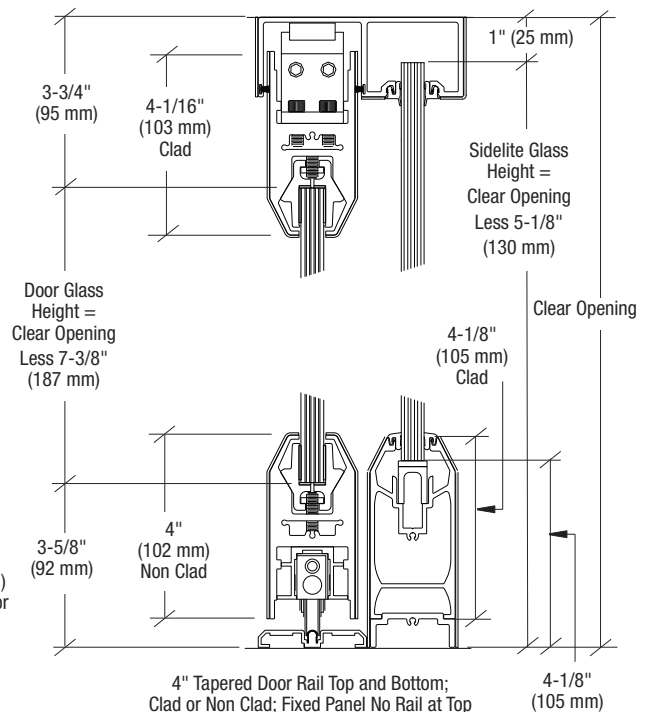
4" (102 mm) Tapered Bottom Rolling Rail

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, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.



Top View of Panels
X = Sliding Panel O = Fixed Panel

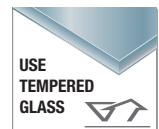
ARCHITECTURAL SPECIFICATIONS



FINISHES

Satin Anodized
Black Bronze Anodized
Black Powder Coat
*Brushed Stainless
*Polished Stainless
*Polished Brass
*Satin Brass

*Clad finish.



XO (OX) BYPASS	XOX BYPASS	OXO BYPASS	OXXO BI-PART
SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.	SERIES CAT. NO.
SSR2C	SSR3D	SSR3E	SSR4F

Minimum order: 1 each. Must ship common carrier.

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

424Z

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



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
- For 3/8" to 1/2" (10 to 12 mm) Thick Glass

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.

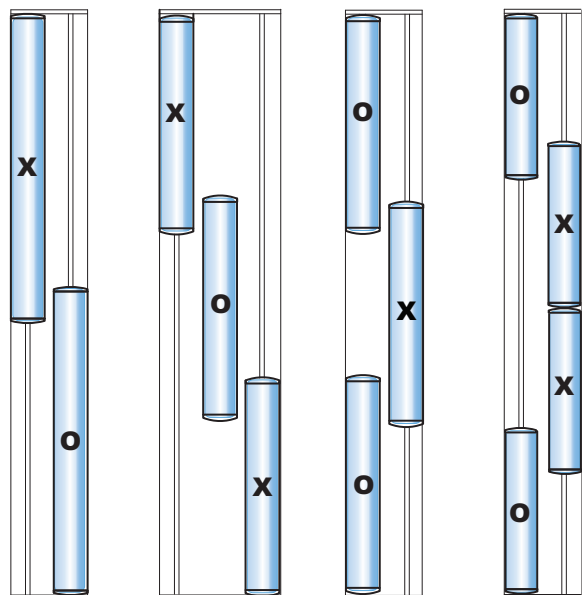
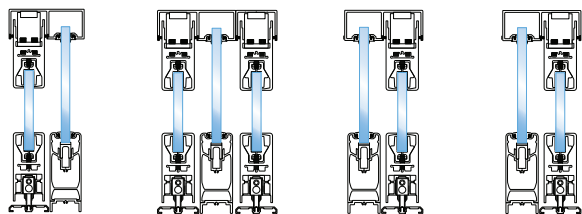
The fixed panels utilize our popular SR4S Series Sidelite Rails with roll-in vinyl at the bottom of the panel, and an integrated glazing channel with roll-in vinyl in the top track. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg). Minimum door width is 14-3/4" (375 mm) without lock; 21-9/16" (548 mm) with lock. All panels are custom fabricated to your specifications.



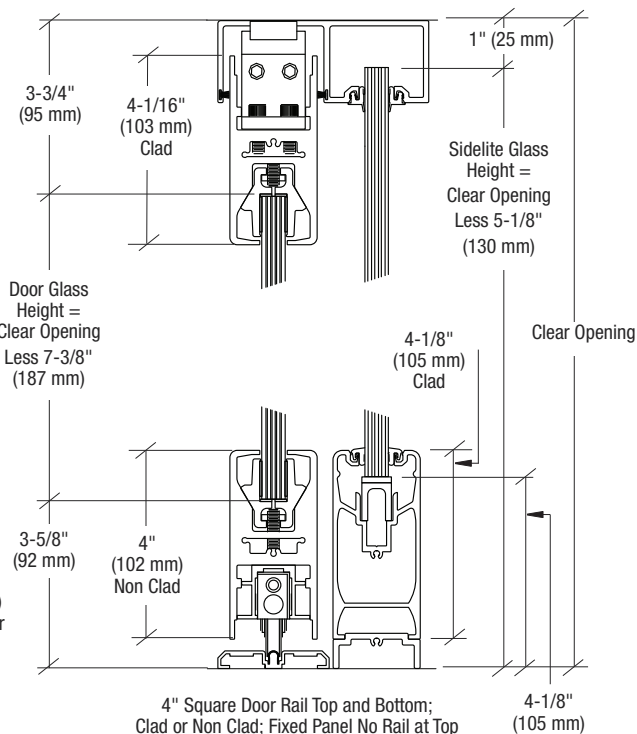
4" (102 mm) Square Bottom Rolling Rail

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, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.

ARCHITECTURAL SPECIFICATIONS



Top View of Panels
X = Sliding Panel O = Fixed Panel



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.



XO (OX) BYPASS	XOX BYPASS	OXO BYPASS	OXXO 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.

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

425Z

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



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
- For 3/8" to 1/2" (10 to 12 mm) Thick Glass

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.

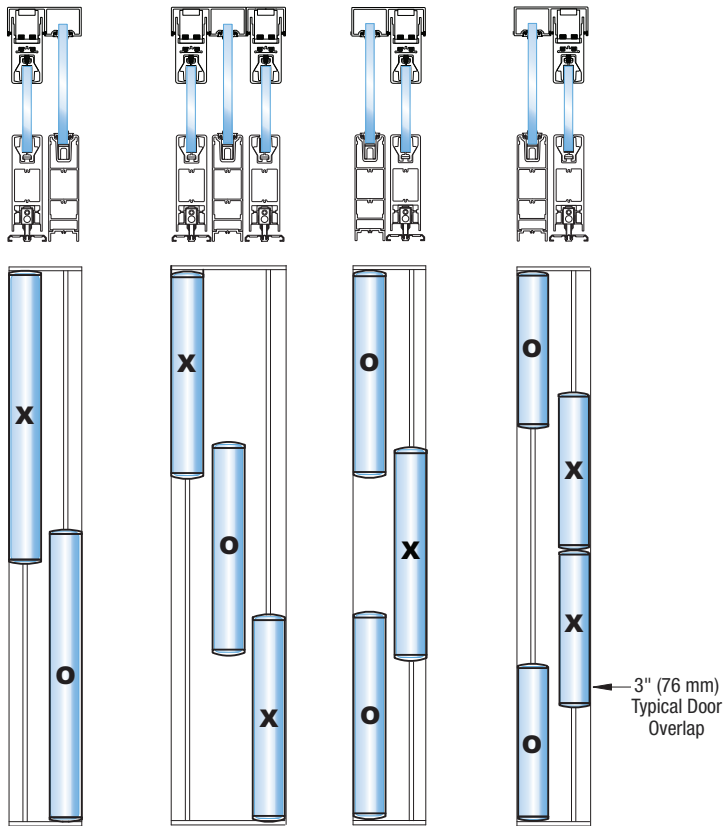
The fixed panels utilize our popular SR6S Series Sidelite Rails with roll-in vinyl at the bottom of the panel, and an integrated glazing channel with roll-in vinyl in the top track. Maximum door width is 48" (1219 mm); maximum door height is 108" (2743 mm), with a maximum weight not to exceed 234 pounds (106 kg). Minimum door width is 14-3/4" (375 mm) without lock; 21-9/16" (548 mm) with lock. All panels are custom fabricated to your specifications.



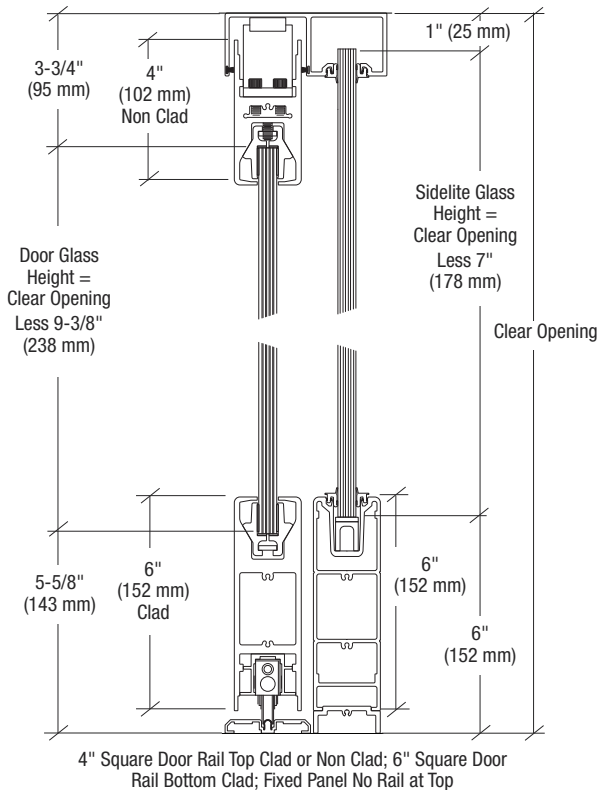
6" (152 mm) Square Bottom Rolling Rail

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, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.

ARCHITECTURAL SPECIFICATIONS



Top View of Panels
X = Sliding Panel O = Fixed Panel



FINISHES

Satin Anodized
Black Bronze Anodized
Black Powder Coat
*Brushed Stainless
*Polished Stainless
*Polished Brass
*Satin Brass

*Clad finish.



XO (OX) BYPASS	XOX BYPASS	OXO BYPASS	OXOX BI-PART
SYSTEM USING 4" SQUARE RAILS TOP AND 6" SQUARE RAILS BOTTOM	SYSTEM USING 4" SQUARE RAILS TOP AND 6" SQUARE RAILS BOTTOM	SYSTEM USING 4" SQUARE RAILS TOP AND 6" SQUARE RAILS BOTTOM	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.

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

426Z

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



CRL SDR and SSR System Accessories

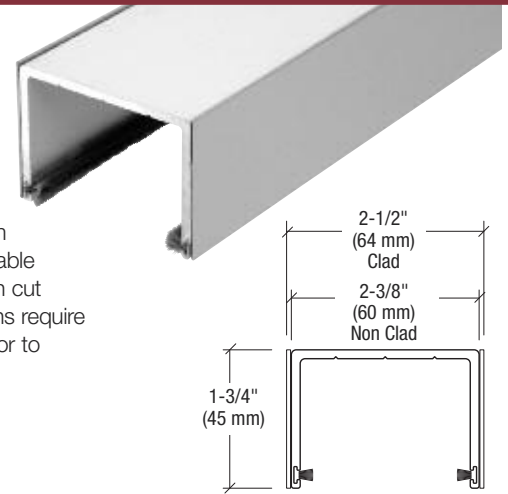
Top Track

- 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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or a Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish.

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

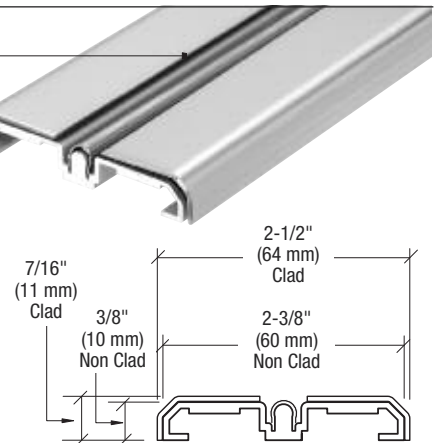
- With Stainless Steel Roller Guide Cover for Durability

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)
SD1BTBP	*Polished Brass	120" (3.05 m)
SD1BTBS	*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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or a Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish.

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.

Stainless Steel Cover



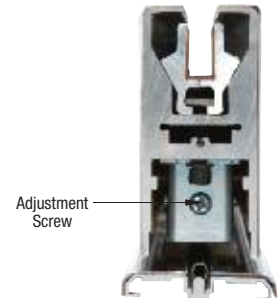
Heavy-Duty Bottom Roller Assembly

- 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

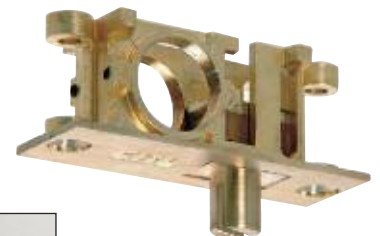


Adjustment Screw

Straddle Lock for Bottom Rolling Doors

- Works With Mortise Type Key Cylinders or Thumbturns
- 3/4" (19 mm) Hole Required for Bolt

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 (see page 170Z). Minimum order is one each.

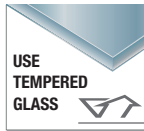


CAT. NO. SDRL0CK1

CRL SDR and SSR System Accessories

SSR Top Track With Glazing Pocket

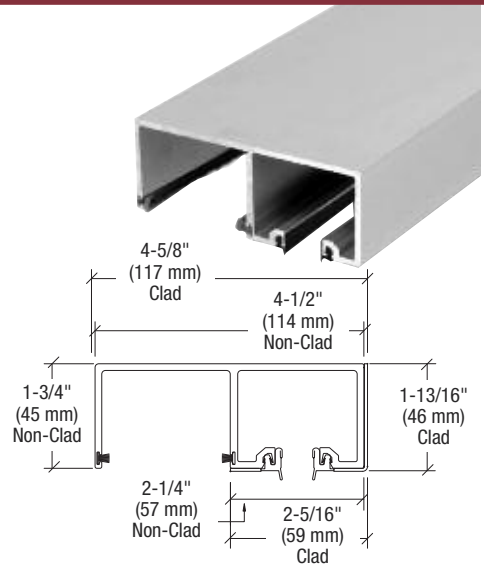
- Comes With Roll-In Glazing Vinyl for 1/2" (12 mm) Tempered Glass



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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or a Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish

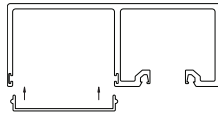
CRL SSR Top Track With Glazing Pocket is available in stock lengths that you can cut to size in the field if conditions require mounting the SSR Top Tracks prior to ordering the entire system. Roll-In Glazing Vinyl for 1/2" (12 mm) glass is included. Choice of seven architectural finishes.



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.



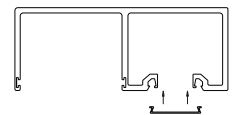
CAT. NO.	FINISH	LENGTH
SDTTF1SA	Satin Anodized	120" (3.05 m)
SDTTF1DU	Black Bronze Anodized	120" (3.05 m)
SDTTF1BL	Black Powder Coat	120" (3.05 m)
SDTTF1BS	*Brushed Stainless	120" (3.05 m)
SDTTF1PS	*Polished Stainless	120" (3.05 m)
SDTTF1PB	*Polished Brass	120" (3.05 m)
SDTTF1SB	*Satin Brass	120" (3.05 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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or a Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish

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. **NOTE:** CRL recommends that Clad Finishes be cut using only a CRL Cat. No. BNDSW1 Band Saw or a Cat. No. LC1230 Cold Saw with A91039 Carbide Blade. Use of a standard Chop Saw or Abrasive Blade will cause the cladding to heat up and damage the finish

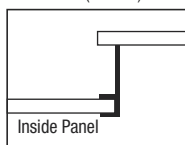
Sliding Door Seal Polycarbonate

- Simple Snap-On Installation for 1/2" (12 mm) Glass

This clear Polycarbonate Seal 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. AT0401436 Double-Sided Very High Bond Tape. Simply apply tape to leading edge of glass on inside panel, then snap Polycarbonate in place.



Closes Gaps Up to 1-13/16" (46 mm) Wide



CAT. NO.	LENGTH
SDGC98	98" (2.5 m)

Minimum order: 1 each. Stock lengths are individually packed to protect them during shipping.

Optional Pull Hardware

(See Page 368Z)



CRL Thru-Glass Pull
Cat. No. FP214BS



CRL Thru-Glass Pull
Cat. No. 1819BS
and 1819PS

CRL SGH8 Series
Frameless Sliding
Door Handle

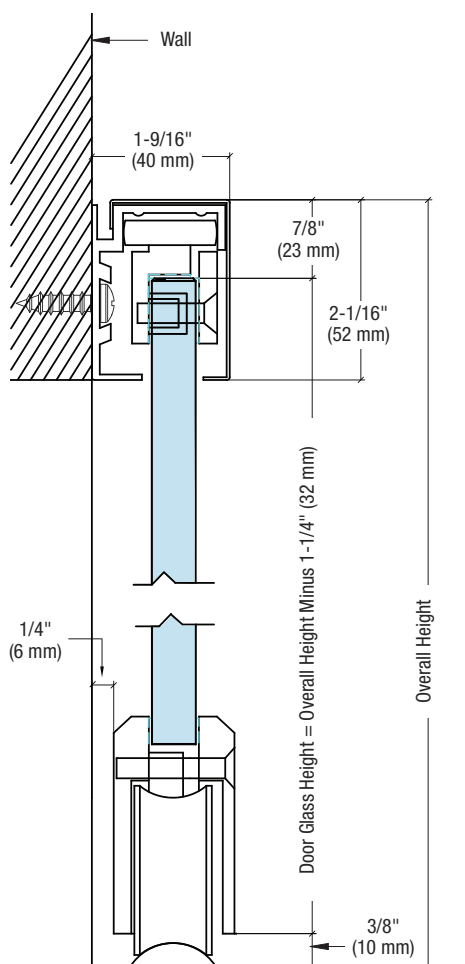


CRL GSDH Series Bottom Rolling Door Systems

- 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.
Templates available at crlaurence.com.



ARCHITECTURAL SPECIFICATIONS

There are two configurations of GSDH Series Kits for glass doors. Both come with everything you need (except the tempered glass and handle) 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. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.



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

The CRL GSDH1 Series Single Bottom Rolling Door Kit contains all of the components you will need (except the tempered glass and handle) 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).

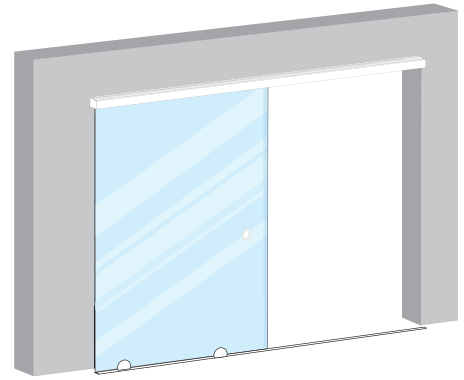
NOTE: Laminated glass should not be used with the GSDH System.

CAT. NO.	FINISH
GSDH1BS	Brushed Stainless
GSDH1PS	Polished Stainless

Minimum order: 1 each. Kits contain components measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



ARCHITECTURAL SPECIFICATIONS



Glass Fabrication Required:

Four holes and two notches per panel.
Glass templates included in kits.
Template available at crlaurence.com.

Each Kit Contains:



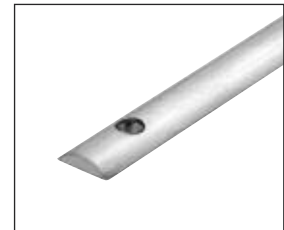
One Top Guide Track at 118" (3 m) in Length and Two End Caps



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) 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).

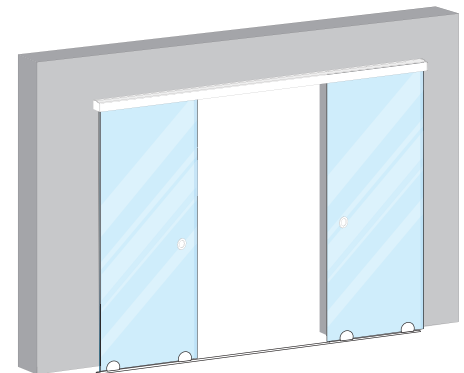
NOTE: Excessive door height may cause deflection. Call for details. Laminated glass should not be used with the GSDH System.

CAT. NO.	FINISH
GSDH2BS	Brushed Stainless
GSDH2PS	Polished Stainless

Minimum order: 1 each. Kits contain components measuring 118" (3 m) in length, and must ship common carrier. Kits can be combined for quantity pricing.



ARCHITECTURAL SPECIFICATIONS



Glass Fabrication Required:

Four holes and two notches per panel.
Glass templates included in kits.
Template available at crlaurence.com.

Each Kit Contains:



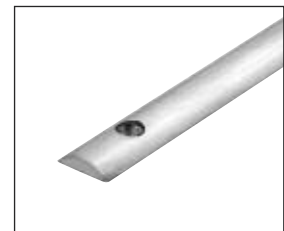
One Top Guide Track at 118" (3 m) in Length and Two End Caps



Four Top Roller Guides and Four Stops



Four Bottom Rollers



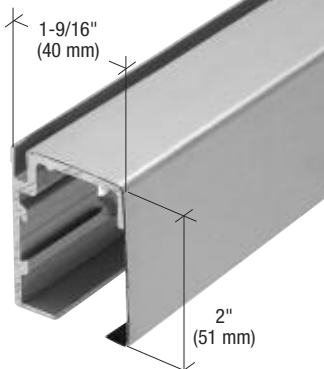
One Bottom Roller Track at 118" (3 m) in Length

CRL GSDH Series Accessories

Top Track With Cover

- 118" (3 m) Long Aluminum Track
- Available in Brushed or Polished Stainless Finishes

CRL GSDH140 Top Tracks are made of aluminum with a Cover made of 304 grade 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).



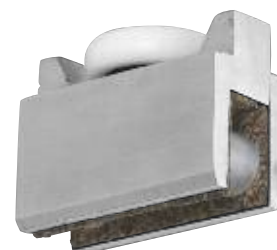
CAT. NO.	COVER FINISH
GSDH140BS	Brushed Stainless
GSDH140PS	Polished Stainless

Minimum order: 1 each. Must ship common carrier.

Top Track Roller Guide

- Moves Glass Doors Quietly With Nylon Rollers

CRL GSDH120 Top Track Roller Guides attach to the top edge of the glass sliding panel and guide the door along the Top Track. Glass fabrication is required. Two holes are required per Roller Guide. Use two roller guides per sliding panel.



CAT. NO.	FINISH
GSDH120BS	Brushed Stainless
GSDH120PS	Polished Stainless

Minimum order: 1 each.

Top Track Stop

- Provides Positive Stop in Open or Closed Position

CRL GSDH150 Top Track Stops are used with Cat. No. GSDH140 Top Track and Cat. No. GSDH120 Roller Guide (see above) to provide a positive stop in the open or closed position. Each Stop comes complete with fastener to attach to Top Track. No drilling required. Set includes one right hand and one left hand Stop.



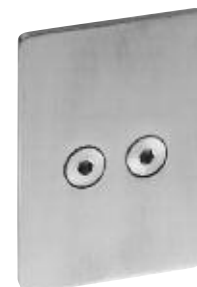
CAT. NO.	FINISH
GSDH150BS	Brushed Stainless
GSDH150PS	Polished Stainless

Minimum order: 1 set.

Top Track End Cap

- Available in Brushed or Polished Stainless Steel

CRL GSDH160 Top Track End Caps are used with Cat. No. GSDH140 Top Track with Cover (see above) to create a clean, finished header assembly. Made of 304 grade stainless steel.



CAT. NO.	FINISH
GSDH160BS	Brushed Stainless
GSDH160PS	Polished Stainless

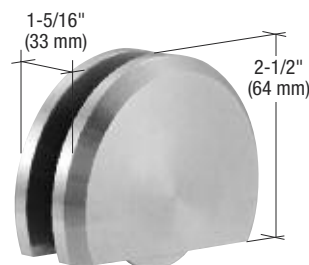
Minimum order: 1 each.

Bottom Roller

- Durable 304 Grade Stainless Steel
- Brushed or Polished Finishes

CRL GSDH100 Bottom Rollers provide smooth and quiet operation of the sliding glass panel. They are made of 304 grade 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

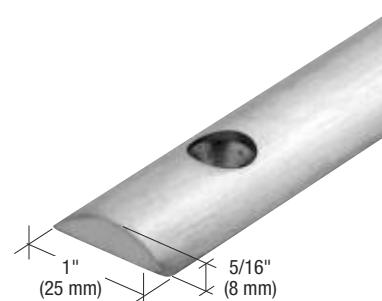
Minimum order: 1 each.

Bottom Track

- 118" (3 m) Long 304 Grade Stainless Steel
- Available in Brushed or Polished Finishes

CRL GSDH130 Bottom Tracks are made of 304 grade 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. Radius equals 5/8" (16 mm).



CAT. NO.	FINISH
GSDH130BS	Brushed Stainless
GSDH130PS	Polished Stainless

Minimum order: 1 each. Must ship common carrier.



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.



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



CRL's Versatile SPS Stacking Partition System Featuring Intelli-Track®

- 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
- Structural Engineering Required by Customer*



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. Please ask for Ext. 7700. You can send e-mail to architectural@crlaurence.com. ***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

VIDEO



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



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

For more information on Stacking
Partition Systems go to
crlaurence.com/partition-systems

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

433Z

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



CRL SPS Stacking Partition System With Convertible Sliding/Pivoting Doors

- SPS Doors Can 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
- Patented Convertible Door System
- Structural Engineering Required by Customer*



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. ***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



'One Screw' Top Coordinator Allows Conversion of Pivoting Doors to Sliding Panels and Back Again



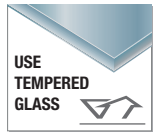
Heavy-Duty Floor Closer and Engagement Mechanism Concealed in the Bottom Rail



CRL SPS Stacking Partition System With Convertible Sliding/Pivoting Doors



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



As Easy as One, Two, Slide.....

Our engineers developed an easy to use system that allows you to convert our popular SPS Sliding Doors into Pivoting Doors! The CRL Convertible SPS Door functions and appears to be just a standard door. However, with two simple adjustments, your pivoting door is ready to slide and stack away with the rest of the glass wall, leaving you with a completely open entrance. There is no unsightly floor closer in the floor; only a small round stainless steel cover concealing the pivot receiver can be seen.



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



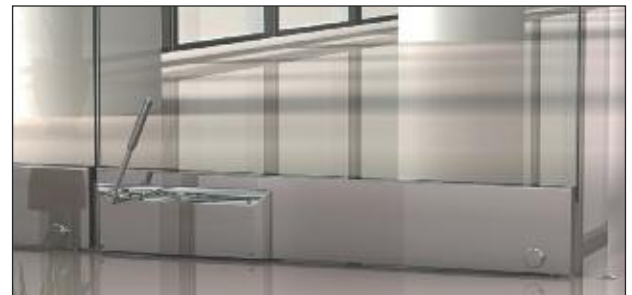
Step 1: Engage the Overhead Rollers

Using the supplied Cat. No. 90SSW Speed Wrench, a few quick turns engages the Carrier Track for the Intelli-Track™ Rollers suspending the door from the Top Track.



Step 2: Retract the Floor Closer Spindle

After the Top Rollers are engaged, use the supplied Cat. No. 90SCW Closer Wrench to raise the Closer Spindle out of its receiver in the floor. A quarter of a turn is all it takes and your pivoting door is now a slider!



Door Now Operates Like a Standard Sliding Stacking Door

With the Top Rollers engaged and the Closer Spindle retracted, you can now stack all the panels of your SPS System neatly away, transforming the storefront into a completely open entrance with no doors or panels to be seen!

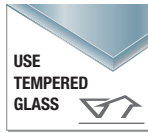
Simply reverse the process to convert the sliding stacking doors back to pivoting doors. It's just that simple!



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, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

CRL SPS Stacking Partition System Featuring Intelli-Track® With Parking Area

- Intelli-Track® Rollers Work With Both Manual and Self-Guiding Intersections to Provide Directional Control
- Available in Five Finishes for 1/2" and 3/4" (12 and 19 mm) Tempered Glass
- 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
- Structural Engineering Required by Customer*



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



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" and 240" (3.05 and 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 Technical Sales Team is here 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. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com. ***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



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.

CRL Intelli-Track® Roller

- Intelli-Track® Rollers Work With Both Manual and Self-Guiding Intersections to Provide Directional Control and Prevent Accidental Panel Rotation
- Two Rollers per Panel Will Support 470 Pounds (213 kg)
- Narrow Housing Width Allows for 2-7/8" (73 mm) Center-to-Center Door Rail Spacing in the Parking Area
- Structural Engineering Required by Customer*

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.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



- Adaptable to a Variety of Panel Types

The Intelli-Track® Roller Assembly was designed to fit our standard DRS Door Rails. Also, by special order, CRL's Engineering Department can design custom mounting hardware to adapt SPS Track and Roller Assemblies to work with your custom panels. Whether you are using our DRS Rails or your own custom panels, make the CRL Stacking Partition System your choice for your overhead sliding or stacking partition needs.

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. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

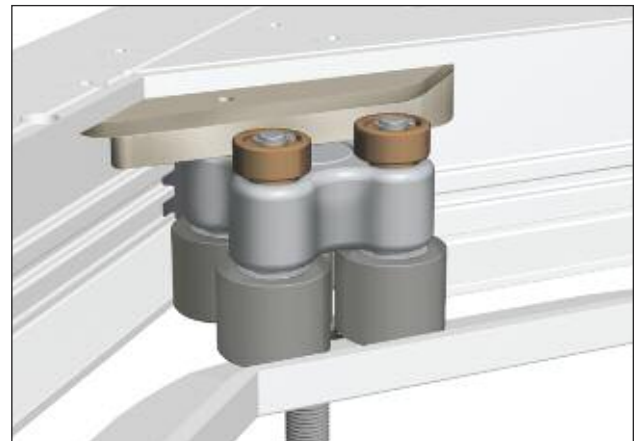


U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

ARCHITECTURAL
SPECIFICATIONS



CRL Dry Coating, Lubricant, and Release Agent

SDS
ONLINE



NO
AIR FREIGHT



- Provides Excellent Lubrication for Our SPS Stacking Partition System
- Contains No Silicone or Oil

This CRL Dry Coating, Lubricant, and Release Agent is an excellent lubricant for use on our SPS Stacking Partition System. The dry lubricant and coating reduces friction, inhibits resin build-up, and prolongs working life. Twelve each 12 ounce (340 g) cans per case. Minimum order is one each.



CAT. NO. SP295

Our Most 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
- Structural Engineering Required by Customer*

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.

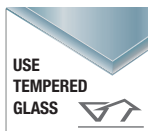
***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



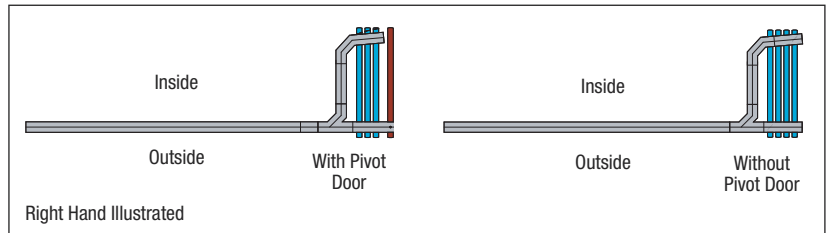
U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



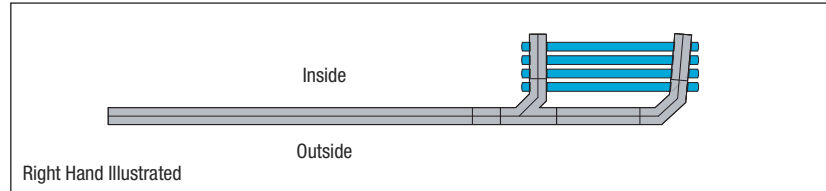
STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



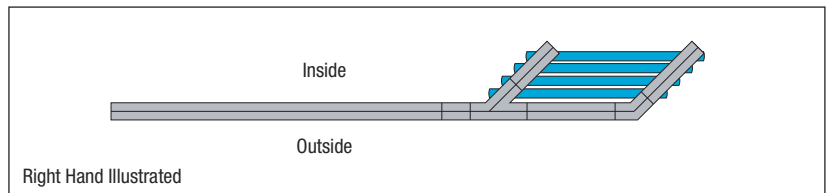
TYPE 1 – Self-Guiding Perpendicular Parking



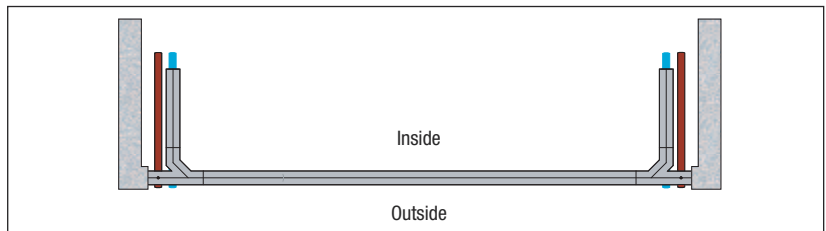
TYPE 2 – Self-Guiding Parallel Parking



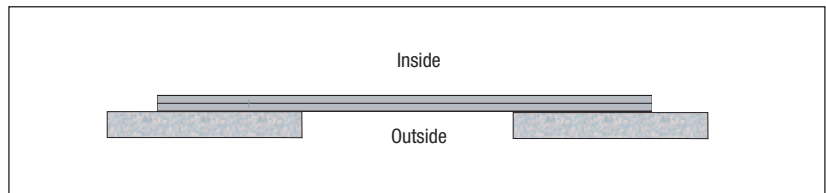
TYPE 3 – Self-Guiding 135 Degree Parallel Parking



TYPE 4 – Bi-Parting Perpendicular Parking with Pivot Doors (Four Panels Maximum)

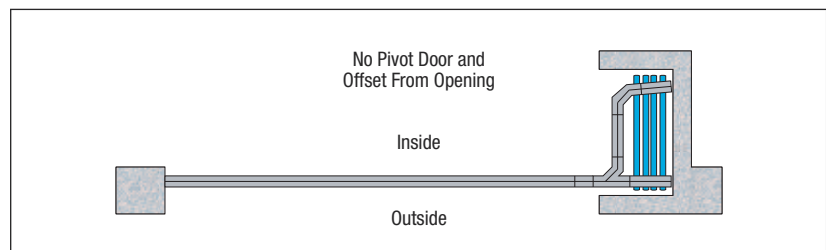


TYPE 5 – Bi-Parting No Parking



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. Ask for Ext. 7700. You may also send e-mail to architectural@crlaurence.com.



CRL SPS Convertible Sliding/Pivoting Door 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
- Structural Engineering Required by Customer*



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755

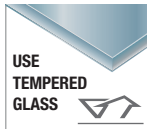
Now featuring our new Convertible Door System, which utilizes our 6" (152 mm) Square Door Rails top and bottom with a special Combination Rail at the Convertible Door. Designed for use with 1/2" (12 mm) tempered glass. You have a choice of five standard Parking Configurations, as well as an endless selection of custom configurations to fit your specific project. You can have all sliding panels, or a combination of sliding and pivoting panels.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

AVAILABLE FINISHES

Satin Anodized*
Black Bronze Anodized*
Brushed Stainless*
Polished Brass*
Polished Stainless*

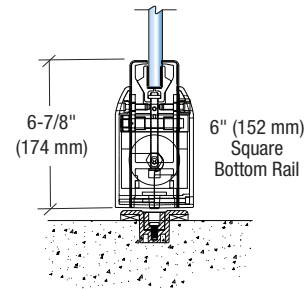
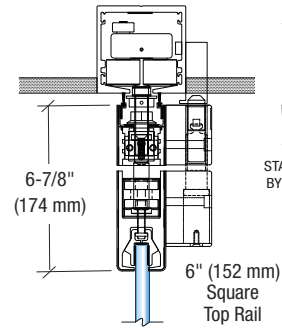
* Clad Finish.



VIDEO



ARCHITECTURAL SPECIFICATIONS



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	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

Minimum order: 1 each. Must ship common carrier.

NOTE: Track comes in a standard white powder coat unless otherwise specified.

CRL SPS Convertible Sliding/Pivoting Door With 6" Square Rail on the Top and 10" Square Rail on the Bottom

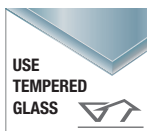
- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels
- Structural Engineering Required by Customer*

Our new Convertible Door System, utilizes our 6" (152 mm) Square Door Rail on the top and our 10" (254 mm) Square Door Rail on the 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, as well as an endless selection of custom configurations to fit your specific project. You can have all sliding panels, or a combination of sliding and pivoting panels. ***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

AVAILABLE FINISHES

Satin Anodized*
Black Bronze Anodized*
Brushed Stainless*
Polished Brass*
Polished Stainless*

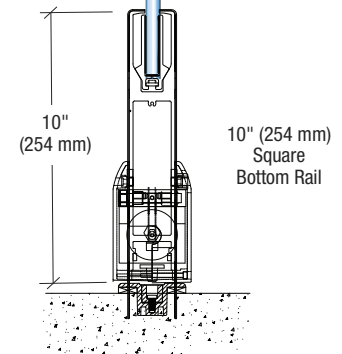
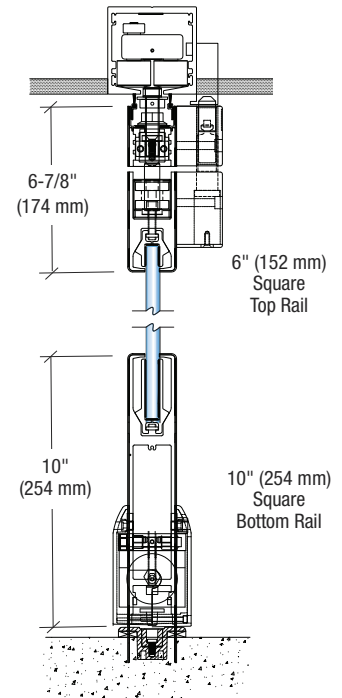
* Clad Finish.



VIDEO



ARCHITECTURAL SPECIFICATIONS



PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S212S1	S212S2	S212S3	S212S4	S212S5
Flanged Track	S212F1	S212F2	S212F3	S212F4	S212F5

Minimum order: 1 each. Must ship common carrier.

NOTE: Track comes in a standard white powder coat unless otherwise specified.

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

439Z

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



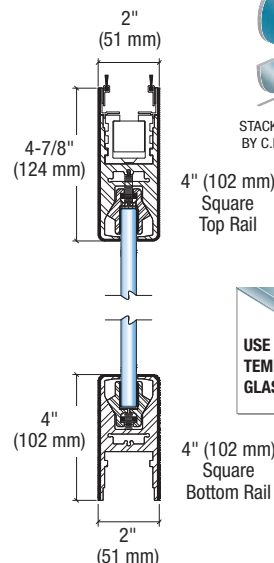
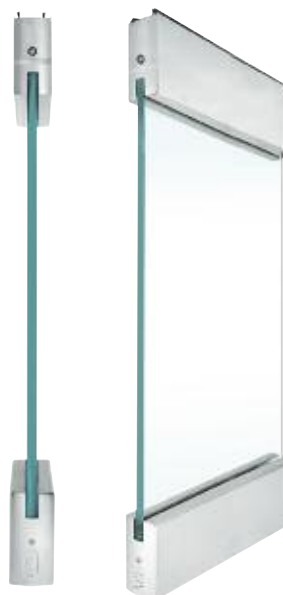
CRL SPS With 4" Square Rails Top and Bottom



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755

- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels
- Structural Engineering Required by Customer*

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. ***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



AVAILABLE FINISHES

Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish

VIDEO



ARCHITECTURAL SPECIFICATIONS



PARKING CONFIGURATIONS (SEE PAGE 438Z)

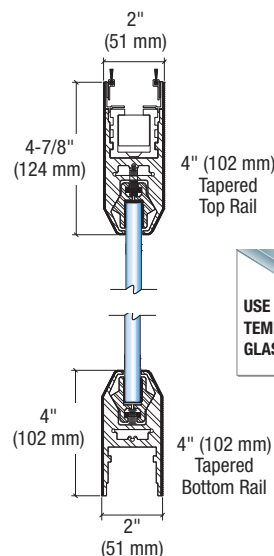
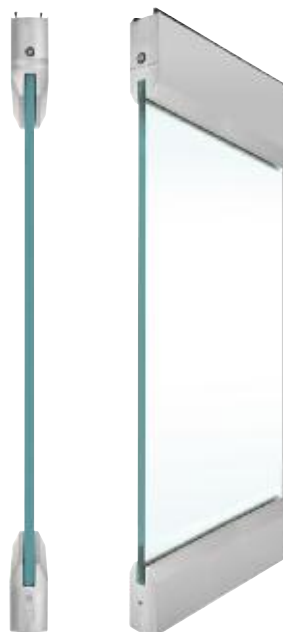
TRACK STYLE	TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S412S1	S412S2	S412S3	S412S4	S412S5
Flanged Track	S412F1	S412F2	S412F3	S412F4	S412F5

Minimum order: 1 each. Must ship common carrier Note: Track comes in a standard white powder coat unless otherwise specified.

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
- Structural Engineering Required by Customer*

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. ***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



AVAILABLE FINISHES

Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish

VIDEO



ARCHITECTURAL SPECIFICATIONS



PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	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

Minimum order: 1 each. Must ship common carrier 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

- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels
- Structural Engineering Required by Customer*



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755

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.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

AVAILABLE FINISHES

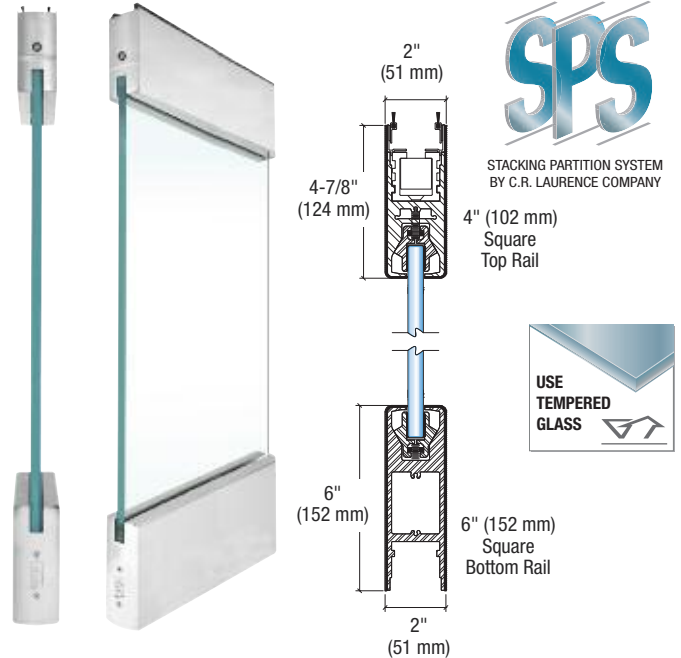
Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish

VIDEO



ARCHITECTURAL SPECIFICATIONS



PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	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

Minimum order: 1 each. Must ship common carrier. 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
- Structural Engineering Required by Customer*

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.

NOTE: For models that use 3/4" (19 mm) tempered glass visit crlaurence.com/sliding-glass-doors.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

AVAILABLE FINISHES

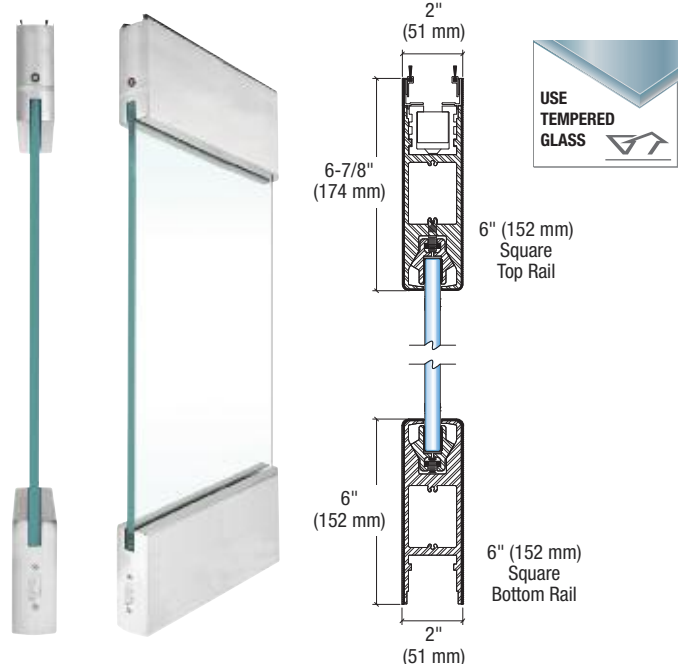
Satin Anodized*
Black Bronze Anodized*
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish

VIDEO



ARCHITECTURAL SPECIFICATIONS



PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	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

Minimum order: 1 each. Must ship common carrier. Note: Track comes in a standard white powder coat unless otherwise specified.

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

441Z

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



CRL SPS With 4" Square Rail on the Top and 10" Square Rail on the Bottom

- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels
- Structural Engineering Required by Customer*



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755

4" (102 mm) Square Door Rail on the top and 10" (254 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.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

AVAILABLE FINISHES

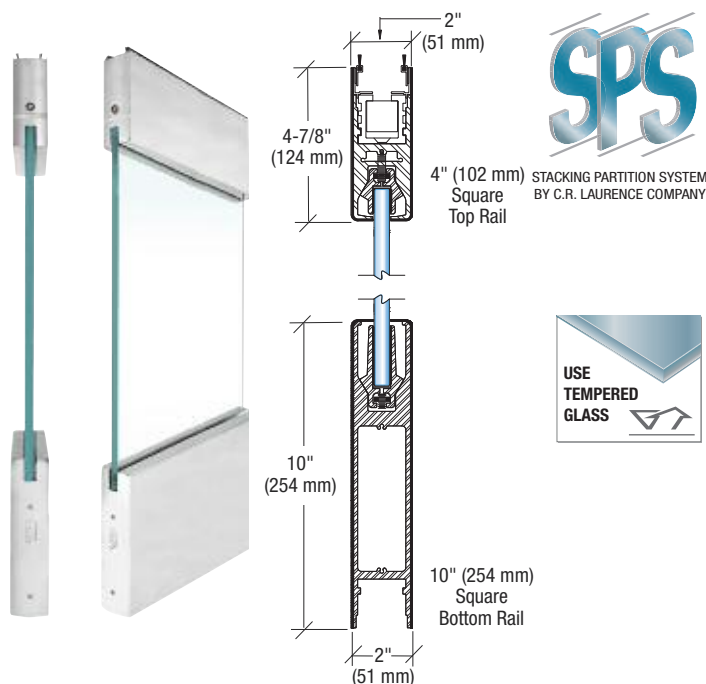
Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish on 4" (102 mm) Rails.
All 10" (254 mm) Rails are Clad.

VIDEO



ARCHITECTURAL SPECIFICATIONS



PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S612S1	S612S2	S612S3	S612S4	S612S5
Flanged Track	S612F1	S612F2	S612F3	S612F4	S612F5

Minimum order: 1 each. Must ship common carrier.

NOTE: Track comes in a standard white powder coat unless otherwise specified.

CRL SPS With 6" Square Rail on the Top and 10" Square Rail on the Bottom

- For 1/2" (12 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels
- Structural Engineering Required by Customer*

6" (152 mm) Square Door Rail on the top and 10" (254 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.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

AVAILABLE FINISHES

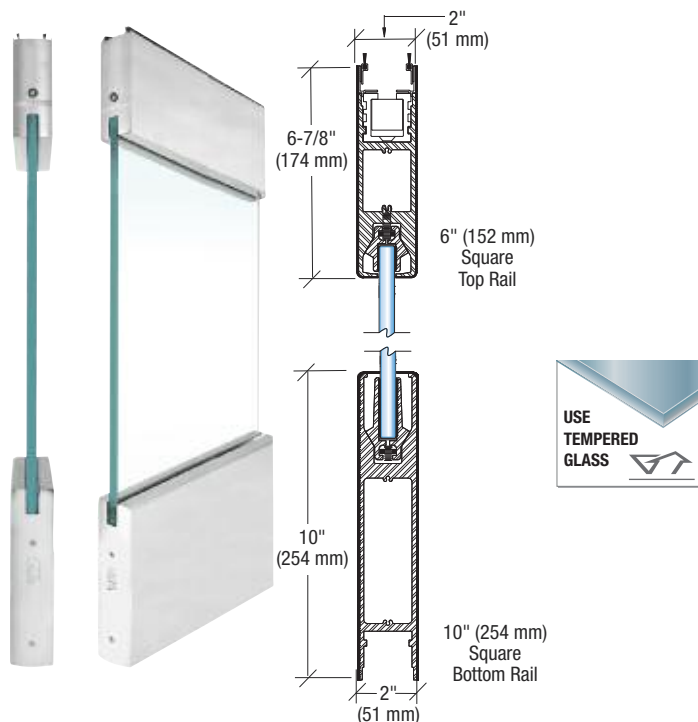
Satin Anodized*
Black Bronze Anodized*
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad Finish.

VIDEO



ARCHITECTURAL SPECIFICATIONS



PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S812S1	S812S2	S812S3	S812S4	S812S5
Flanged Track	S812F1	S812F2	S812F3	S812F4	S812F5

Minimum order: 1 each. Must ship common carrier.

NOTE: Track comes in a standard white powder coat unless otherwise specified.

CRL SPS With 4" Square Rails Top and Bottom

- For 3/4" (19 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels
- Structural Engineering Required by Customer*



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755

4" (102 mm) Square Door Rails top and bottom for use with 3/4" (19 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.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

AVAILABLE FINISHES

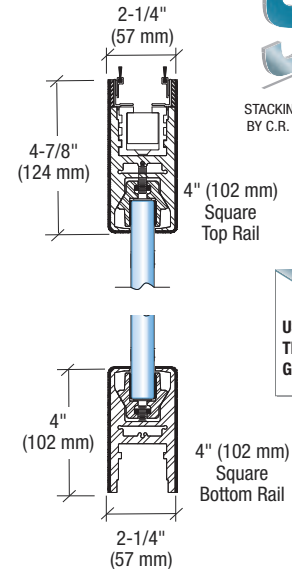
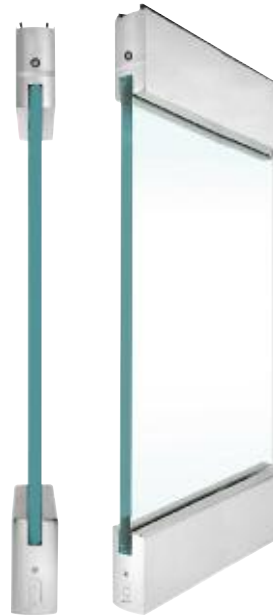
Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish.

VIDEO



ARCHITECTURAL
SPECIFICATIONS



SPS
STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S434S1	S434S2	S434S3	S434S4	S434S5
Flanged Track	S434F1	S434F2	S434F3	S434F4	S434F5

Minimum order: 1 each. Must ship common carrier.

NOTE: Track comes in a standard white powder coat unless otherwise specified.

CRL SPS With 4" Tapered Rails Top and Bottom

- For 3/4" (19 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels
- Structural Engineering Required by Customer*

4" (102 mm) Tapered Door Rails top and bottom for use with 3/4" (19 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.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

AVAILABLE FINISHES

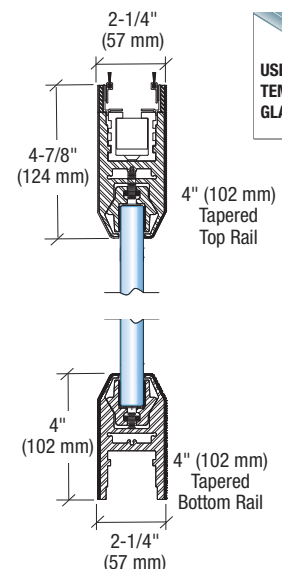
Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

* Clad finish.

VIDEO



ARCHITECTURAL
SPECIFICATIONS



**USE
TEMPERED
GLASS**

PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S334S1	S334S2	S334S3	S334S4	S334S5
Flanged Track	S334F1	S334F2	S334F3	S334F4	S334F5

Minimum order: 1 each. Must ship common carrier.

NOTE: Track comes in a standard white powder coat unless otherwise specified.

CRL SPS With 4" Square Rail on the Top and 6" Square Rail on the Bottom

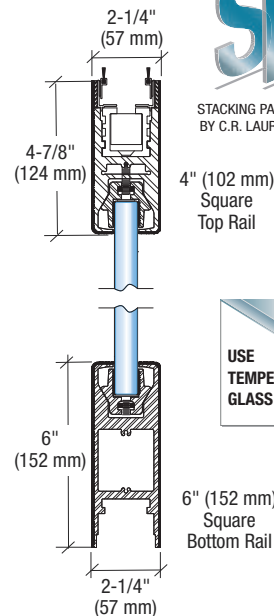
- For 3/4" (19 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels
- Structural Engineering Required by Customer*



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755

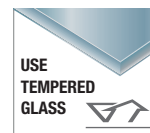
4" (102 mm) Square Door Rail on the top and 6" (152 mm) Square Door Rail on the bottom for use with 3/4" (19 mm) tempered glass. You have a choice of five standard Parking Configurations, as well as an endless selection of custom configurations to fit your project. You can have all sliding panels, or a combination of sliding and pivoting panels.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



SPS

STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



AVAILABLE FINISHES

Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

VIDEO



ARCHITECTURAL SPECIFICATIONS



* Clad finish on 4" (102 mm) Rails.
All 6" (152 mm) Rails.

PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S534S1	S534S2	S534S3	S534S4	S534S5
Flanged Track	S534F1	S534F2	S534F3	S534F4	S534F5

Minimum order: 1 each. Must ship common carrier.

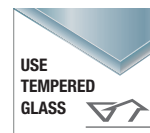
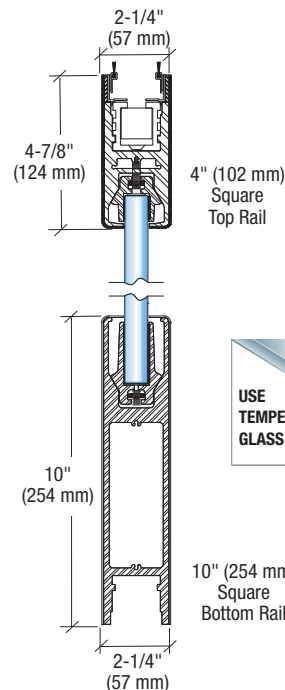
NOTE: Track comes in a standard white powder coat unless otherwise specified.

CRL SPS With 4" Square Rail on the Top and 10" Square Rail on the Bottom

- For 3/4" (19 mm) Tempered Glass
- Five Architectural Finishes
- Choice of All Sliding, or Combination of Sliding and Pivoting Panels
- Structural Engineering Required by Customer*

4" (102 mm) Square Door Rail on the top and 10" (254 mm) Square Door Rail on the bottom for use with 3/4" (19 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.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



AVAILABLE FINISHES

Satin Anodized
Black Bronze Anodized
Brushed Stainless*
Polished Brass*
Polished Stainless*

VIDEO



ARCHITECTURAL SPECIFICATIONS



* Clad finish on 4" (102 mm) Rails.
All 10" (254 mm) Rails.

PARKING CONFIGURATIONS (SEE PAGE 438Z)

TRACK STYLE	TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES	TYPE 5 SERIES
Standard Track	S634S1	S634S2	S634S3	S634S4	S634S5
Flanged Track	S634F1	S634F2	S634F3	S634F4	S634F5

Minimum order: 1 each. Must ship common carrier.

NOTE: Track comes in a standard white powder coat unless otherwise specified.

CRL Stacking Partition System Accessories

- CRL Offers SPS Accessories to Cover Most Installation Requirements
- Custom Fabricated to Meet Your Needs

ARCHITECTURAL
SPECIFICATIONS



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



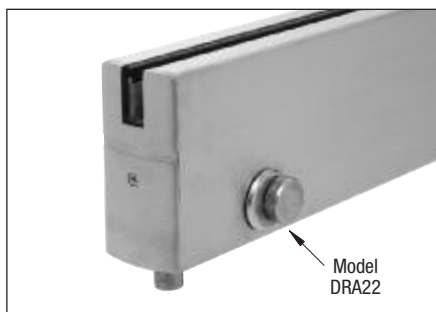
Spacing Bumper and Pin Receptacle
for Adjacent Panel Slide Bolt



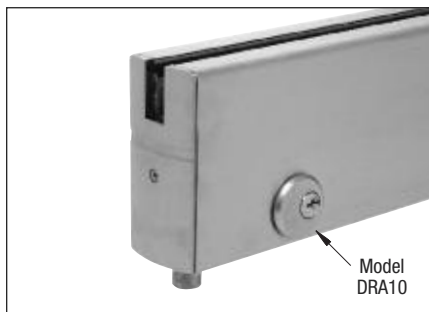
End Operated Slide Bolt that Locks
into the Pin Receptacle and Floor



Adjustable Nylon Brush Gap Filler



Thumbturn Operated Floor Bolt (See page 170Z)



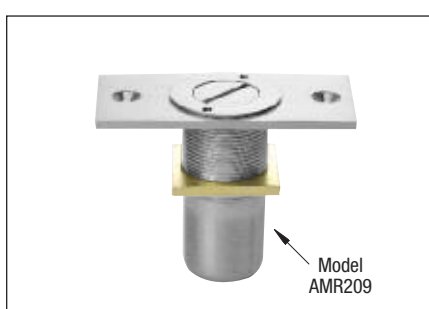
Key Cylinder Operated Floor Bolt (See page 170Z)



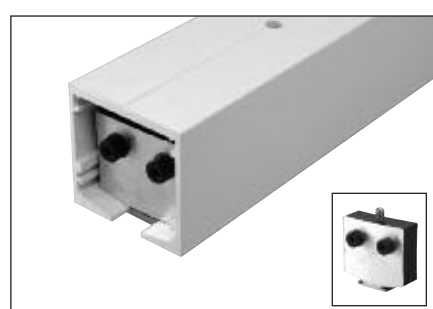
Top Pivot for Swinging Doors



Top Rail End Cap/Bumper



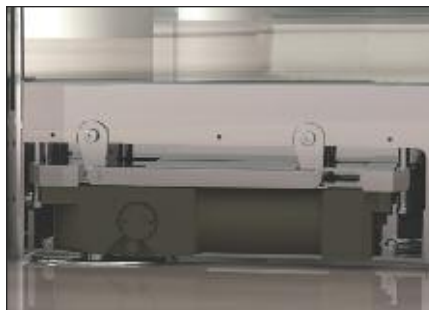
Slide Bolt and Floor Bolt Dustproof
Keeper with Mounting Plate (See page 168Z)



Adjustable Roller Stop



Convertible Door Top Rail



Convertible Door Bottom Closer



Cat. No. 90SCW Wrench for Convertible Door

CRL SPS Overhead Straight Track



Standard Track for Almost Any Installation



Flanged Track for Drop Ceiling Installations

- Two Track Styles: Standard for Almost Any Installation; Flanged for Drop Ceiling Installations
- Available in Mill Aluminum or White Powder Paint Finishes (Cladding on Special Order)
- Two Stock Lengths 120" and 240" (3.05 and 6.10 m), Plus Splices for Roller Access
- Track is Pre-Drilled for 3/8" (10 mm) Fasteners at 24" (610 mm) Center-to-Center Spacing
- Fabricated Corners and Intersections
- Structural Engineering Required by Customer*



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755

CRL SPS Overhead Track and Access Splices are constructed of aluminum, and are designed to accommodate the heavier loads required in stacking system installations. Two configurations, three lengths, and two finishes are carried in stock for immediate shipment. Lengths requiring cladding require five to seven working days to fabricate. All lengths are pre-drilled at 24" (610 mm) on center for 3/8" (10 mm) fasteners.

Contact Technical Sales for additional information at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

STANDARD TRACK CAT. NO.	FLANGED TRACK CAT. NO.	DESCRIPTION	FINISH	LENGTH
S90120M	L90120M	Pre-Drilled Overhead Track	Mill Aluminum	120" (3.05 m)
S90240M	L90240M	Pre-Drilled Overhead Track	Mill Aluminum	240" (6.10 m)
S906M	L906M	Pre-Drilled Roller Access Splice	Mill Aluminum	*6" (152 mm)
S90120W	L90120W	Pre-Drilled Overhead Track	White Powder Paint	120" (3.05 m)
S90240W	L90240W	Pre-Drilled Overhead Track	White Powder Paint	240" (6.10 m)
S906W	L906W	Pre-Drilled Roller Access Splice	White Powder Paint	*6" (152 mm)

Minimum order: 1 each. Must ship common carrier. * Roller Access Splice should be located in front of the first parking intersection.

CRL SPS Overhead Curved Track



- Curved Track Configuration in Standard Style Only
- Available in Mill Aluminum or White Powder Paint Finishes (Cladding on Special Order)
- Length and Radius Must Be Specified at Time of Ordering
- Structural Engineering Required by Customer*



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



CRL SPS Curved Overhead Track is constructed of aluminum, and is designed to accommodate the heavier loads required in stacking system installations. Curved Overhead Track is offered only in the Standard Style. **NOTE:** Length and radius must be specified at time of ordering. Minimum radius is 12' (3.66 m).

Contact Technical Sales for additional information at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

CURVED TRACK CAT. NO.	FINISH	LENGTH AND RADIUS
C90MC	Mill Aluminum	Custom-Specify
C90WC	White Powder Paint	Custom-Specify

Minimum order: 1 each. Must ship common carrier.

CRL SPS Corners and Intersections

- Mill Aluminum or White Powder Coated Aluminum
- Custom Colors Available on Special Order
- Completely Fabricated and Ready to Install
- Structural Engineering Required by Customer*

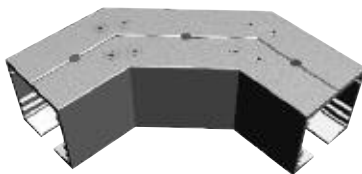
CRL SPS Corners and Intersections are designed to easily guide the panels through an infinite variety of configurations and parking conditions to meet your specific job needs. Through the use of integral Switch Blocks in the various intersections and the Intelli-Track® Rollers, the panels will steer to pre-selected parking areas. All Corners and Intersections come with four drive-in alignment strips for each joint, and are pre-drilled for proper mounting to the substrate.



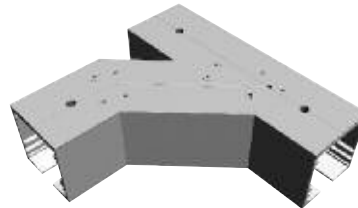
STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



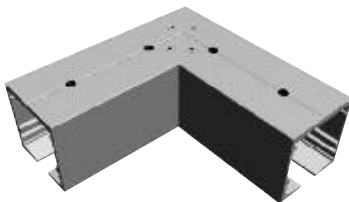
Self-Guiding 90 Degree Corner



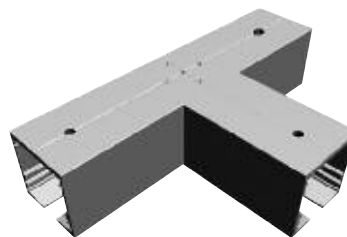
Self-Guiding 90 Degree
Left Hand Intersection



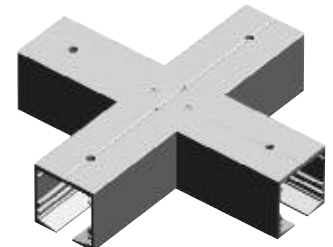
Self-Guiding 90 Degree
Right Hand Intersection



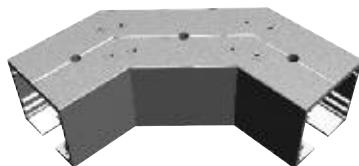
Manual 90 Degree Corner



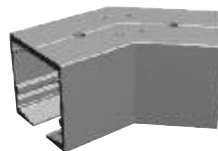
Manual 90 Degree
"T" Intersection



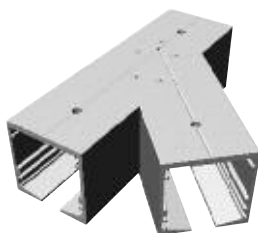
Manual 90 Degree
4-Way Cross Intersection



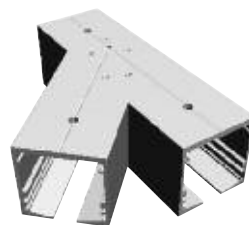
Self-Guiding 95 Degree Corner



Self-Guiding 135 Degree Corner



Self-Guiding 135 Degree
Left Hand Intersection



Self-Guiding 135 Degree
Right Hand Intersection



Whether you are constructing a new partition system, or repairing an existing one, our Commercial Hardware Technical Sales staff can assist in the selection of the proper Corners and Intersections to assure the smooth transition of panels to and from their parking areas. For additional specifications and dimensions of all SPS System components, visit crlaurence.com/sliding-glass-doors.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

go to crlaurence.com to search for

sliding-glass-doors

Search

or enter the Catalog Number for complete product information

447Z

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

CRL
US ALUMINUM

CRL SPS Track Suspension System Mounting Components

ARCHITECTURAL
SPECIFICATIONS



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY



U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755

Proper mounting of the CRL SPS Overhead Track is crucial to the performance of the entire system. Since this is a suspended system, all the weight of the panels must be supported by the overhead track, and ultimately by the substrate and the fasteners used to hang the track. So we developed a Track Suspension System to accommodate multiple attachment elevations on a single run of SPS Track.

In a perfect world, the overhead track can be attached directly to the substrate, however, actual job conditions do not always allow for this, so we developed a complete line of Track Suspension Mounting Components to help overcome a variety of common installation obstacles. The various combinations of these components will allow you to properly secure the SPS Track around ductwork, beams or other obstructions commonly found above a drop ceiling. Consult a structural engineer for the proper fasteners to attach these components to the structure.

CRL Technical Sales can assist in choosing the right combination of mounting hardware for your particular job. For assistance contact us at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



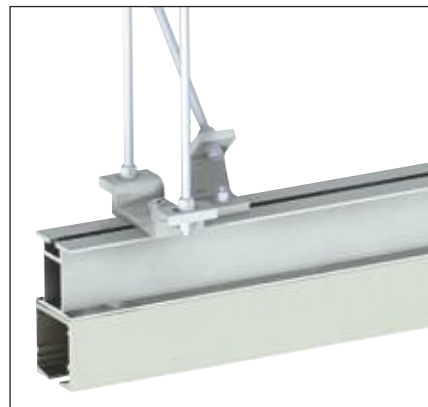
Typical Suspended Track Featuring Extended Support Assembly and Angled Support Assembly

ARCHITECTURAL
SPECIFICATIONS



Maximum 40"
(1016 mm) Distance from
Structure to Track

CRL
US ALUMINUM
MANUFACTURED IN THE USA
U.S. Patents 8,590,233 and 7,861,475
Canadian Patent 2659885
Commonwealth of Australia Patent 2009201185
European Patent 2108755



With the right combination of SPS Track Suspension System Mounting Components, you can safely install a beautiful Stacking Partition System just about anywhere there is a suitably sound structure to support its weight.

For design assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 in Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

CRL Easy Slide SPS Stacking Partition System

NEW!

- Slim 1-1/8" (29 mm) Wide Top and Bottom Rails
- Directional Rollers Guide Glass Panels Effortlessly Every Time
- Panels Simply Stack Away, Creating Large Openings or Clear Space
- System Offered in Choice of Brushed Stainless, Polished Stainless, and Satin Anodized
- Top Tracks Available in Satin Anodized or White Powder Coat
- For Use With 3/8" and 1/2" (10 and 12 mm) Tempered Glass (Not Included)
- Each Unit is Customized Per Chosen Parking Configuration
- Structural Engineering Required By Customer*



CRL introduces our NEW Easy Slide SPS Stacking Partition System to complement our original award winning SPS System, and to offer our customers a more economical option to accommodate their stacking partition needs.

The Easy Slide SPS Stacking Partition System is available with top and bottom rails in brushed or polished stainless steel, and satin anodized. This system is designed for use with 3/8" and 1/2" (10 and 12 mm) fully tempered monolithic glass (not included).

The Top Track, Corners and Intersections furnished with every system are available in satin anodized or white powder coat. The design configurations are numerous and can fulfill most any design requirement. We have four standard parking configurations, with custom configurations available.

***WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.



Doors Feature Full Length Rails

NOTE: System Panels must not exceed any of the following guidelines:

Sliding Panels – Full Rails:

Maximum Panel Height: 120" (3.05 m)

Maximum Panel Width: 42" (1.06 m)

Minimum Panel Width: 24" (610 mm)

Maximum Panel Weight: 228 pounds (103 kg)

Pivoting Panel:

Maximum Panel Height: 120" (3.05 m)

Maximum Panel Width: 39-3/8" (1 m)

Maximum Panel Weight: 220 pounds (100 kg)



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

CRL Easy Slide SPS Stacking Partition System Parking Configurations

- Parking Configurations are Available to Accommodate a Variety of Installation Requirements
- All Parking Areas Come KD for Easy Assembly and Installation
- For Use With 3/8" and 1/2" (10 and 12 mm) Tempered Glass
- Available in Satin Anodized or White Powder Coated Aluminum
- Custom Colors Available Upon Request
- Structural Engineering Required by Customer*



CRL Easy Slide SPS Stacking Partition System Top Track, Corners, and Intersections are designed to offer you a wide variety of configurations and parking conditions to meet your design requirements. Rollers effortlessly transition allowing the panels to steer to pre-selected parking areas. All Top Tracks, Corners, and Intersections come with four drive-in Track Connecting Pins for each joint to ensure proper alignment every time.

*** WARNING:** It is the customer's responsibility to consult with a structural engineer to calculate the required support for the system and safe substrate attachment.

Standard Easy Slide Parking Configurations

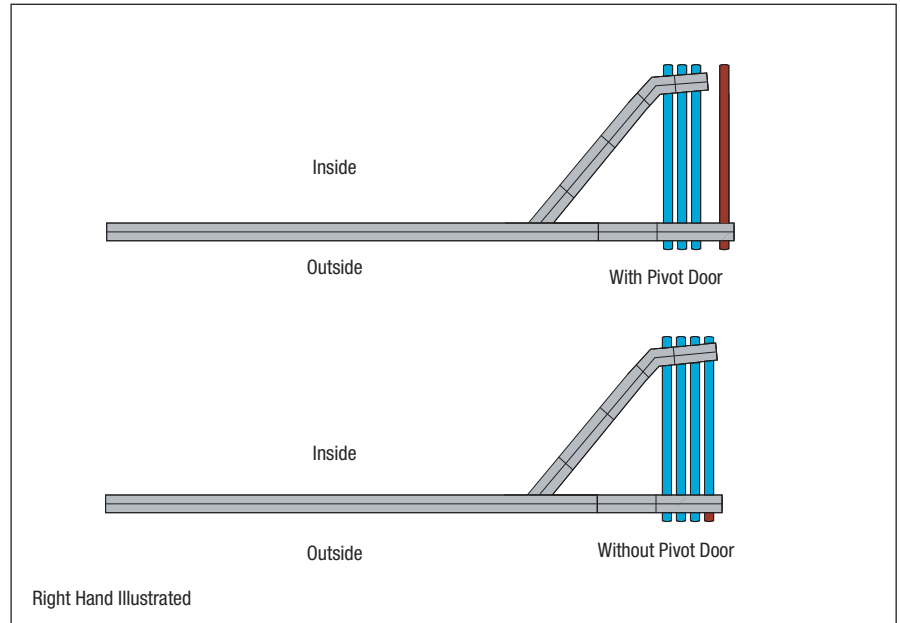
Parking Configurations are available in four standard types, and are pre-fabricated for easy and accurate installation. Delivered KD with complete assembly instructions.

Self-Guiding Top Track, Corners and Intersections make the movement of glass panels smooth and effortless. All sections are pinned together to ensure perfect alignment every time.

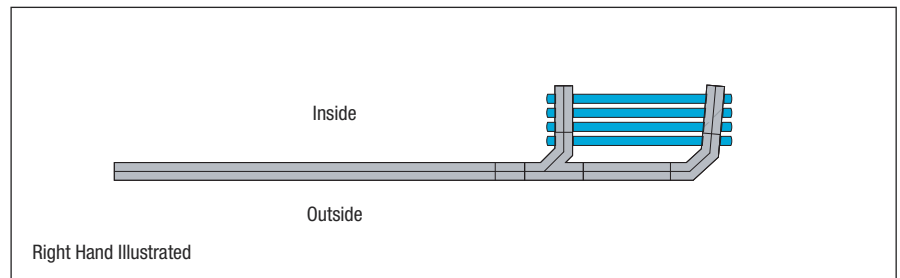
Custom Configurations Available

For assistance with proper 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, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.

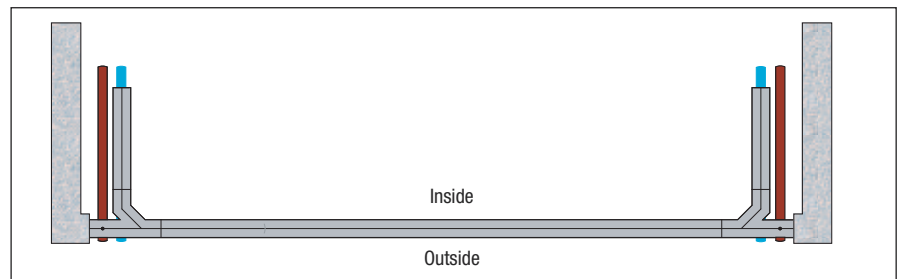
CONFIGURATION 1 – Self-Guiding Perpendicular Parking



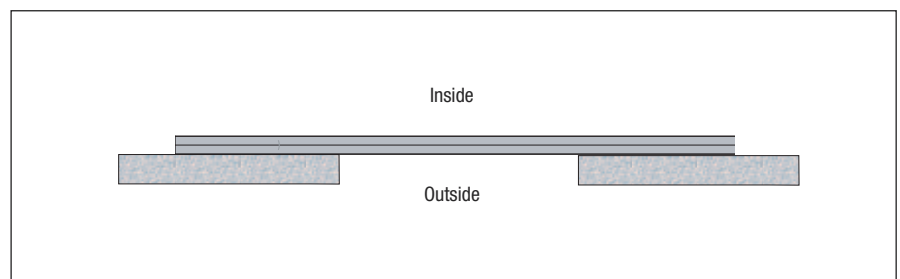
CONFIGURATION 2 – Self-Guiding Parallel Parking



CONFIGURATION 3 – Bi-Parting Perpendicular Parking with Pivot Doors (Four Panels Maximum)



CONFIGURATION 4 – Bi-Parting No Parking



CRL Easy Slide SPS With 3-15/16" Top and Bottom Rails

- For Use With 3/8" and 1/2" (10 and 12 mm) Tempered Glass
- Three Architectural Finishes



Slim 1-1/8" (29 mm) wide top and bottom rails for use with 3/8" and 1/2" (10 and 12 mm) tempered glass. You have a choice of four standard Parking Configurations, as well as custom configurations to fit your project. You can have all sliding panels, or a combination of sliding and pivoting panels.

AVAILABLE FINISHES

Satin Anodized
Brushed Stainless*
Polished Stainless*

* Clad Finish.

VIDEO



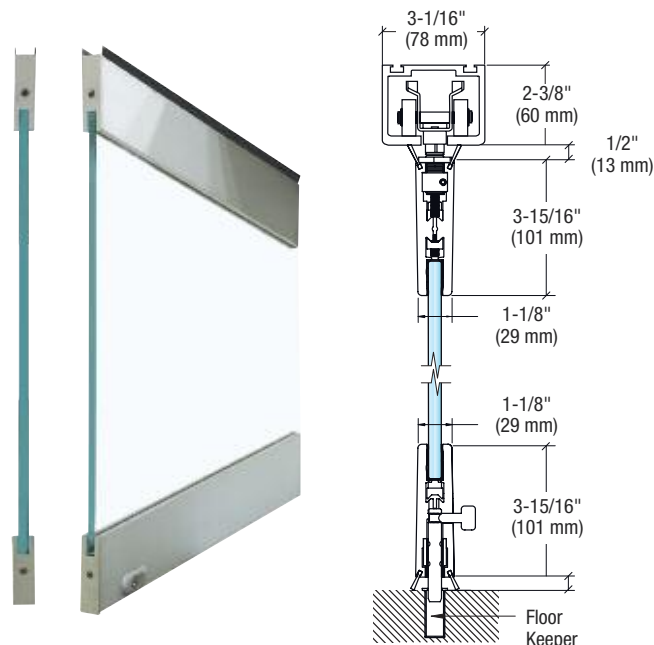
ARCHITECTURAL SPECIFICATIONS



PARKING CONFIGURATIONS (SEE PAGE 450Z)

TYPE 1 SERIES	TYPE 2 SERIES	TYPE 3 SERIES	TYPE 4 SERIES
ESPS1	ESPS2	ESPS3	ESPS4

Minimum order: 1 each. Must ship common carrier. NOTE: Track comes in a standard white powder coat unless otherwise specified.



CRL Easy Slide SPS Stacking Partition System Accessories

CRL Top and Bottom Door Rails

- CRL Offers Easy Slide Accessories to Cover Most installation Requirements
- Custom Fabricated to Meet Your Needs



Nylon Brush Gap Filler Standard at All Top Rails



Nylon Brush Gap Filler Optional at Bottom Rails



Key Operated Floor Bolt



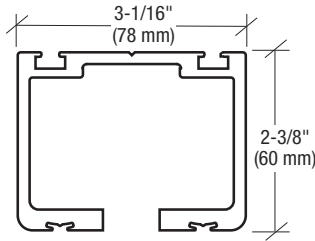
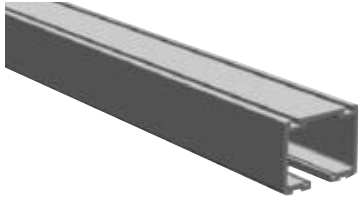
Slide Operated Floor Bolt

CRL Easy Slide SPS Stacking Partition System Replacement Parts



STACKING PARTITION SYSTEM
BY C.R. LAURENCE COMPANY

CRL Overhead Track and Access Splices



CAT. NO. ESPSCP1
Track Connecting Pins
(Four Pins per Set)

CAT. NO.	DESCRIPTION	FINISH	LENGTH
ESPT1A	Pre-Drilled Overhead Track	Satin Anodized	118" (3 m)
ESPT2A	Pre-Drilled Roller Access Splice	Satin Anodized	6" (152 mm)*
ESPT1W	Pre-Drilled Overhead Track	White Powder Paint	118" (3 m)
ESPT2W	Pre-Drilled Roller Access Splice	White Powder Paint	6" (152 mm)*

Minimum order: 1 each. Must ship common carrier. *Roller Access Splice should be located in front of the first parking intersection.

CRL Easy Slide Overhead Track and Access Splices are constructed of aluminum for easy field cutting and installation. Track sections are joined together using Connecting Pins Cat. No. ESPSCP1, to assure a smooth transition and reduced roller noise. Minimum order is one set.

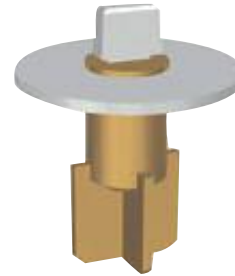
CRL Roller Assembly

- Precision Roller Assembly with Ball Bearing and Installation Block



CAT. NO. ESPSR1
Minimum order: 1 each.

CRL Bottom Pivot



CAT. NO. ESPSBP1
Minimum order: 1 each.

CRL Top Track End Cap

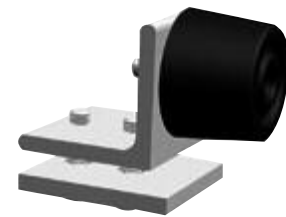
- Supplied in Satin Anodized Only
- Snaps-On to Overhead Track (See Above)



CAT. NO. ESPSEC1A
Minimum order: 1 each.

CRL Top Door Stop

- Fits in Top Track



CAT. NO. ESPSDS1
Minimum order: 1 each.

CRL Floor Keepers

- Require Hole in Floor



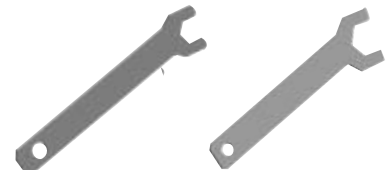
Floor Keeper for Slide Lock
CAT. NO. ESPSK1
Minimum order: 1 each.



Floor Keeper for Keyed Lock
CAT. NO. ESPSK2
Minimum order: 1 each.

CRL Spanner Wrenches

- For Bolt Adjustments On Roller Assembly



CAT. NO. ESPSW1
Minimum order: 1 each.



5

Framed Doors and Commercial Hardware

PAGES
453Z - 500Z

Balanced Doors

Balancer™ Series 'All-Glass'
Balanced Doors

Commercial Door Hinges

Commercial Door Locks

Commercial Door Pivots **NEW!**

Custom Entrance Systems

Door Weatherization

Mojave Series Advanced
Thermal Entrance Doors **NEW!**

Platinum Series Full Framed
Architectural Doors

Premium Series Monumental
Balanced Doors

Thresholds
(Stock and Custom) **NEW!**

U.S. Aluminum Clad
Durafront Doors

U.S. Aluminum Stock
250/400/500 Series Doors

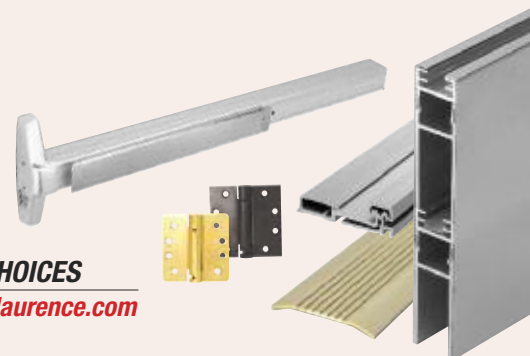
U.S. Aluminum Durafront
Center Pivot and Offset Pivot Doors

U.S. Aluminum Terrace
and Patio Doors **NEW!**



These products and more can be found in this catalog section. On the top and 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 **More Choices** in that category. To view **More Choices**, simply click on the red and white icon to be taken to a larger selection.

MORE CHOICES
crlaurence.com



CRL Custom Entrances

PAGE 453Z

- Custom Fabrication to Your Specifications
- Testing, Shop Drawings, and Production Support
- State-of-the-Art Manufacturing Offers Short Lead Times

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 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-U.S. Aluminum Balanced Doors and Entrances

PAGES 454Z-461Z

- 'All-Glass' Frameless Balanced Doors
- Extruded Aluminum Balanced Doors
- Formed Bronze Monumental 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).



CRL-U.S. Aluminum Full Framed Doors

PAGES 462Z-473Z

- Mojave Title 24 Advanced Thermal Entrance System
- Platinum Series Architectural Doors
- Clad Durafront Entrances
- Stock 250/400/500 Doors
- Heavy-Duty Durafront Doors
- Terrace and Patio Doors

CRL-U.S. Aluminum manufactures a full line of Full Framed Architectural Doors for interior and exterior applications. These innovative door systems are available in several standard architectural finishes, with custom finishes available on special order.



CRL Commercial Door Hardware

PAGES 474Z-500Z

- Continuous Hinges
- Butt Hinges
- Door Pivots
- Thresholds
- Panic Exit Devices

CRL offers a large selection of Commercial Door Hardware for almost any installation imaginable.



go to crlaurence.com to search for

commercial-hardware

Search

or enter the Catalog Number for complete product information

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

CRL
U.S. ALUMINUM

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



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 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/entrances or contact CRL's Architectural Metals Division at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.



go to crlaurence.com to search for

entrances

Search

or enter the Catalog Number for complete product information

453Z

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





Fulton Center Subway Complex, Lower Manhattan, NY.

Balanced Doors and Entrances

- Custom Manufactured to Withstand the Most Demanding Design Requirements
- 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
- 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 present to you our 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.

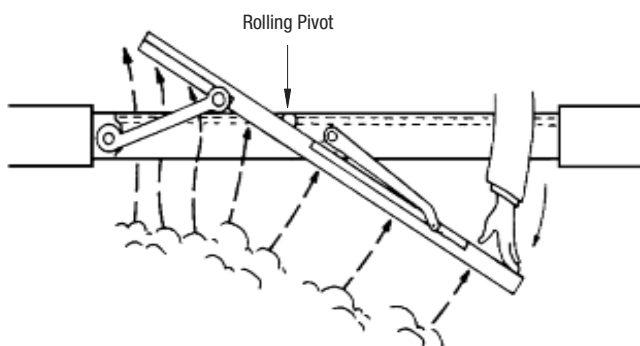
For additional information, visit our website at crl-arch.com or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also email us at architectural@crlaurence.com.

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.



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



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 120" High (1219 x 3048 mm)

CRL-U.S. Aluminum Balancer™ 'All Glass' Frameless Balanced Doors offer all of the performance 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" or 6" (102 or 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.

Balancer™ Series Extruded Aluminum Balanced Doors and Frames

- 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 120" High (1219 x 3048 mm)



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.



Code-Compliant Panic Devices Exclusively Designed for Balanced Doors (see page 258Z).

KYNAR is a registered trademark of Autofina Chemicals, Inc.

go to crlaurence.com to search for

entrances

Search

or enter the Catalog Number for complete product information

456Z

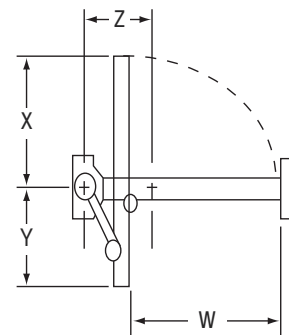
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada



Advantages of the Balancer™ Series Balanced Doors By CRL



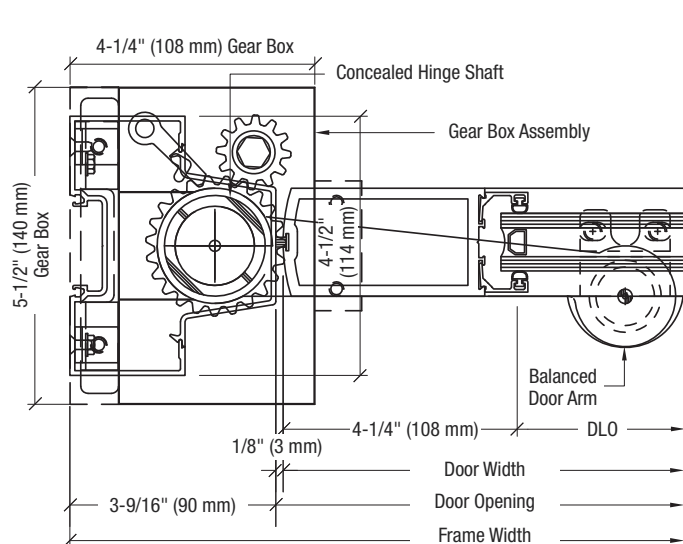
- Cost Effective Alternative to Standard Entrance Doors
- Maximum Size for Balancer™ Series is 48" Wide x 120" High (1219 x 3048 mm)
- Allows Wind and Stack Pressures to Work for You Instead of Against You
- Assures Easy Operation and Positive Closing, Even Under Adverse Conditions
- Designed With Dependable LCN® Hydraulic Check Connected Directly to Door
- Adjustable Hydraulic Back Check for Consistently Smooth Operation
- Latching Speed, Closing Speed, Back Check, and Spring Power are All Adjustable Without Removing Hardware or Covers
- Compact Header With Integral Guide Track
- Requires Less Operating Space Than Conventionally Hinged Doors
- Hardware is Fully Capable of Supporting and Controlling Large and Monumental Doors
- Easily Installed in New or Remodeled Buildings, Exterior or Interior



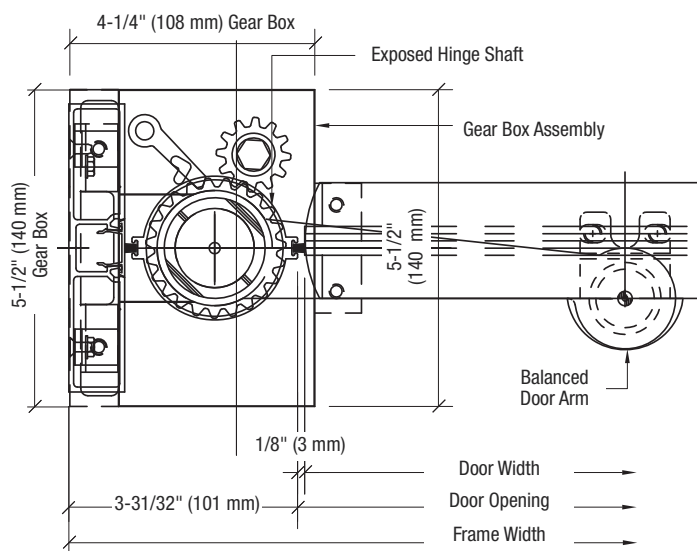
Design Dimensions (shown in inches)

	SHORT ARM						LONG ARM				
Door Size	30"	32"	34"	36"	38"	39"	40"	42"	44"	46"	48"
W	26-11/16"	28-11/16"	30-11/16"	32-11/16"	34-11/16"	35-11/16"	36-11/16"	38-11/16"	40-11/16"	42-11/16"	44-11/16"
X	17-1/2"	19-1/2"	21-1/2"	23-1/2"	25-1/2"	26-1/2"	24"	26"	28"	30"	32"
Y	12-1/2"						16"				
Z	7-1/8"						8-7/8"				

The Balancer™ Series Typical Details



**Extruded Aluminum Stile and Rail Door
Typical Concealed Hinge Tube Jamb**



**'All-Glass' Frameless Door
Typical Exposed Hinge Tube Jamb**

LCN is a registered trademark of Ingersoll Rand plc, its subsidiaries and/or affiliates in the United States and other countries.

go to crlaurence.com to search for

entrances

Search

or enter the Catalog Number for complete product information

457Z

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





Premium Series Formed Bronze Monumental Balanced Doors and Frames



- 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 48" Wide x 120" High (1219 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 4-3/4" (121 mm). Available in polished, brushed, non-directional and oil rubbed finishes.

Premium Series Formed Stainless Steel Monumental Balanced Doors and Frames



- 304 or 316 Grade Stainless Steel Available in Polished, Brushed and Non-Directional Finishes
- 'Crisp' Corner Construction Available
- Ribbon Accent Lines and Custom Infill Shapes Available
- Automatic Operator Available
- Maximum Door Size is 48" Wide x 120" High (1219 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 304 or 316 grade 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.

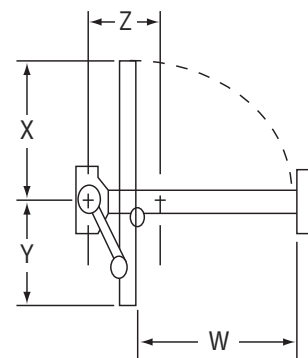
NOTE: Stile width is 2" (51 mm) with a minimum top rail height of 3-1/2" (89 mm) and a minimum bottom rail height of 4-3/4" (121 mm). Available in polished, brushed, and non-directional finishes.



Advantages of the Premium Series Balanced Doors By CRL



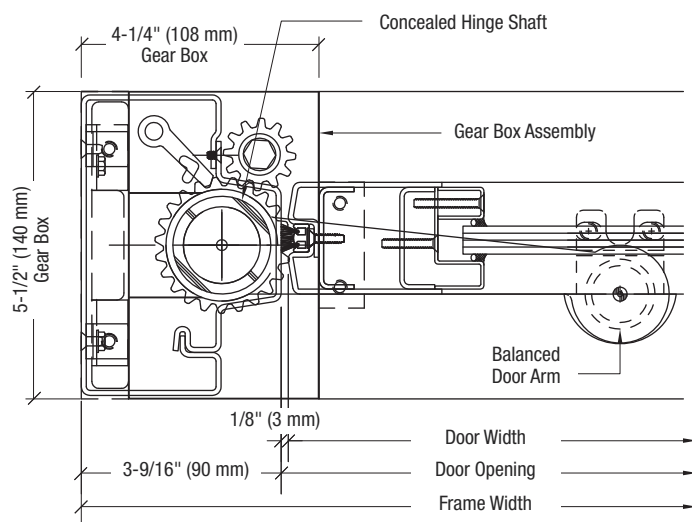
- Hardware is Fully Capable of Supporting and Controlling Large and Monumental 2" (51 mm) Thick Doors
- Maximum Size for Premium Series is 48" Wide x 120" High (1219 x 3048 mm)
- Allows Wind and Stack Pressures to Work for You Instead of Against You
- Assures Easy Operation and Positive Closing, Even Under Adverse Conditions
- Adjustable Bronze Cast Hydraulic Back Check for Consistently Smooth Operation
- Latching Speed, Closing Speed, and Spring Power are Adjustable Without Removing Hardware or Covers
- Compact Header With Integral Guide Track
- Requires Less Operating Space Than Conventionally Hinged Doors
- Easily Installed in New or Remodeled Buildings, Exterior or Interior



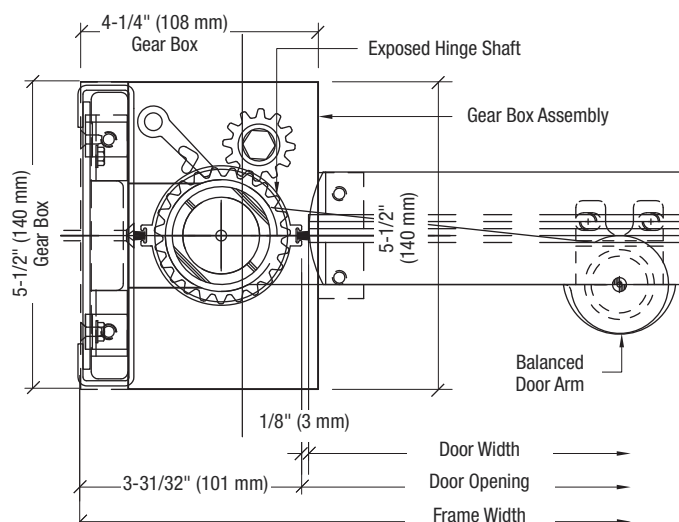
Design Dimensions (shown in inches)

	SHORT ARM						LONG ARM				
Door Size	30"	32"	34"	36"	38"	39"	40"	42"	44"	46"	48"
W	26-11/16"	28-11/16"	30-11/16"	32-11/16"	34-11/16"	35-11/16"	36-11/16"	38-11/16"	40-11/16"	42-11/16"	44-11/16"
X	17-1/2"	19-1/2"	21-1/2"	23-1/2"	25-1/2"	26-1/2"	24"	26"	28"	30"	32"
Y	12-1/2"						16"				
Z	7-1/8"						8-7/8"				

The Premium Series Typical Details



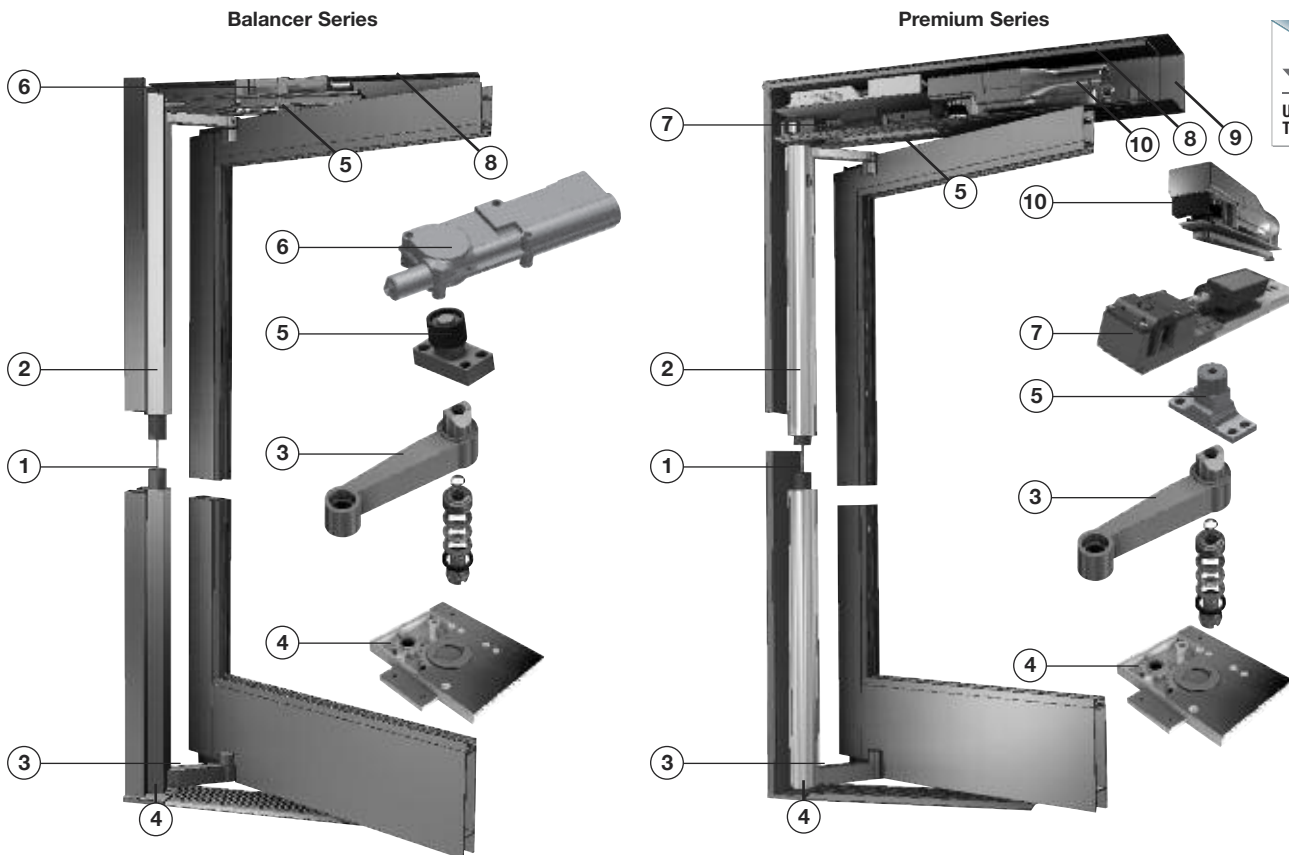
**Formed Monumental Stile and Rail Door
Typical Concealed Hinge Tube Jamb**



**Formed Stainless Stile Door
Typical Exposed Hinge Tube Jamb**

Anatomy of Balanced Doors

Balancer™ Versus Premium Series (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.		✓



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.



go to crlaurence.com to search for

gallery

Search

or enter the Catalog Number for complete product information

461Z

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

CRL
U.S. ALUMINUM

CRL-U.S. Aluminum Mojave Series Advanced Thermal Entrance Doors

- Uses Polyamide Struts and Advanced Internal Insulation for Optimal Thermal Performance
- Meets California Title 24 Requirements Using Both Area Weighted Prescriptive and Performance Calculation Approaches
- Available in Narrow, Medium, and Wide Vertical Stiles

NEW!

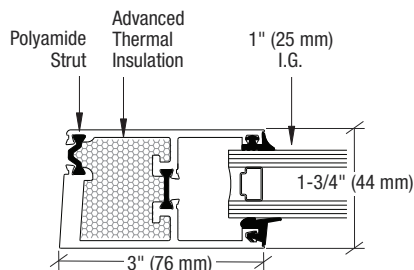
- Compatible With a Wide Range of Standard Architectural Locking and Mounting Hardware
- Ideal for Retrofit Applications
- Accommodates 1" (25 mm) Insulating Glass

Mojave is an entrance and storefront system that can produce California Title 24 compliant configurations using both the "Prescriptive" and "Performance" approaches. Polyamide struts and advanced internal thermal insulation produces an energy efficient door that is only 1-3/4" (44 mm) thick. This traditional door thickness makes Mojave compatible with a broad range of existing hardware, and Mojave can be used to upgrade pre-existing entrances that have monolithic glass. Available with narrow, medium, and wide vertical stiles and virtually any finish desired. It's no longer necessary to give up the beauty and compatibility of slender door profiles to achieve high thermal efficiency.

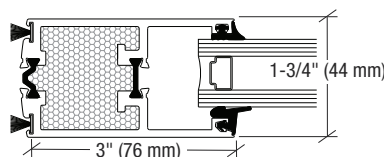
For additional information, contact CRL-U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International. Ask for Ext. 5305. You can e-mail us at usalum@crlaurence.com.



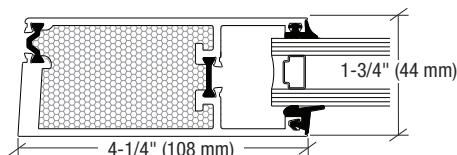
Beveled Stiles for Butt Hinges/Offset Pivot Conditions



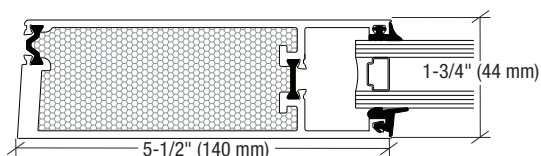
Radius Stiles for Center Hung Double Acting Door Conditions (Narrow Stiles Only)



**Narrow Stiles
250-AT Series**



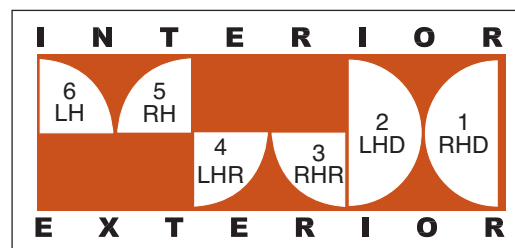
**Medium Stiles
440-AT Series**



**Wide Stiles
550-AT Series**



Door Swing Chart



Use the Door Swing Chart to determine how the door(s) should be handed.

CRL-U.S. Aluminum Mojave Series Advanced Thermal Entrance Doors

- Only 1-3/4" (44 mm) Thick
- California Title 24 Compliant Using Both Area Weighted Prescriptive and Performance Calculation Approaches
- Ideal for Retrofit Applications
- Available in an Array of Architectural Coatings and Anodized Finishes

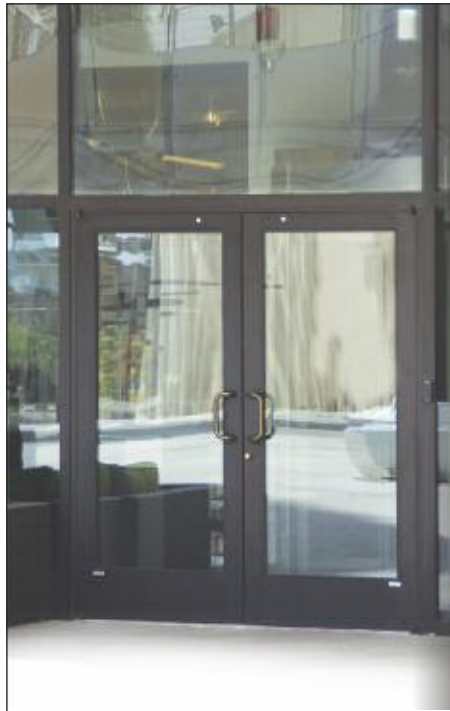
NEW!

Our Mojave Series is engineered for optimal thermal performance and California Title 24 compliance. Title 24 is difficult to navigate and comply with but Mojave Series takes the guesswork out of meeting the stringent energy codes specified in the program. CRL-U.S. Aluminum can provide project specific performance data that is required for preparation of the California Title 24 calculations.

Contact CRL-U.S. Aluminum Technical Sales at (800) 262-5151 in the U.S. and Canada, or (323) 268-4230 International, and ask for Ext. 5305. You can also send e-mail to usalum@crlaurence.com.



250-AT Series
Narrow Stile Full Framed Doors



400-AT Series
Medium Stile Full Framed Doors



550-AT Series
Wide Stile Full Framed Doors

go to crlaurence.com to search for

mojave-doors

Search

or enter the Catalog Number for complete product information

463Z

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



CRL Platinum Series Full Framed Architectural Doors



- Designed, Engineered, and Manufactured by CRL
- No Exposed Glass Stops
- Accepts 1/4" to 1" (6 to 25 mm) Monolithic, Laminated or Insulating Glass
- Narrow, Medium, and Wide Stiles to Choose From
- Clad Aluminum Construction
- Seven Standard Architectural Finishes Available

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.

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. For additional product information visit our website at crl-arch.com or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send us an e-mail at architectural@crlaurence.com.



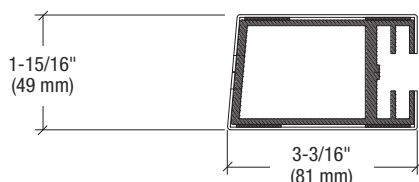
or



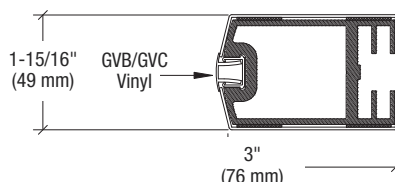
or



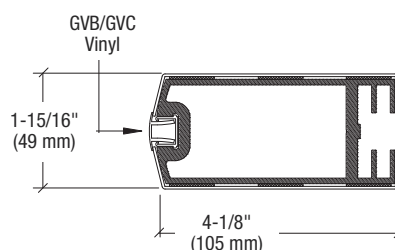
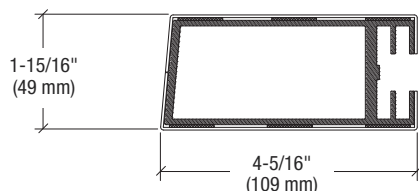
Beveled Stiles for Butt Hinges/Offset Pivot Conditions



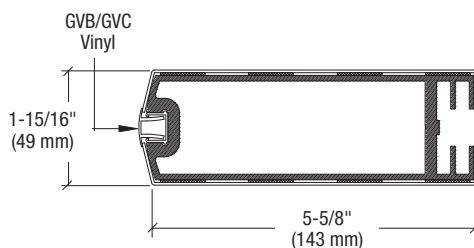
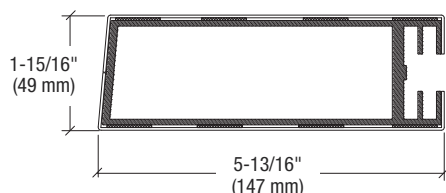
Radius Stiles for Center Hung and Meeting Point Conditions



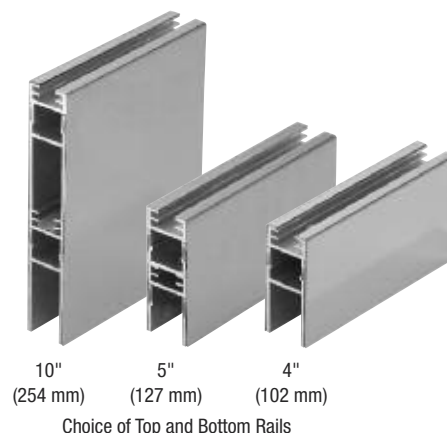
Narrow Stiles FFN1 Series



Medium Stiles FFM1 Series



Wide Stiles FFW1 Series



Door Swing Chart

I N T E R I O R					
6 LH	5 RH				
		4 LHR	3 RHR	2 LHD	1 RHD
E X T E R I O R					

Use the Door Swing Chart to determine how the door(s) should be handed.

CRL Platinum Series Full Framed Architectural Doors

- Door Sizes Up to 48" (1219 mm) Wide By 108" (2743 mm) Tall
- For Interior and Exterior Applications
- 18 Gauge Clad Aluminum Construction



Ordering Information:

All CRL Full Framed Doors are manufactured to order. To request a quote or place an order you need to specify the door size, top and bottom rail heights, glass type and thickness, finish required, and what hardware type is needed for the application.

Full Framed Doors can be prepped and supplied with CRL Panic Handles, Push/Pulls, Ladder Style Handles, Three Point Locks, Intermediate Pivots, Butt Hinges, Flush Bolts, and even Balanced Door Hardware. Our Full Framed Door product line can also support Floor Closers, Overhead Concealed Closers, and Door Holders. Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail to architectural@crlaurence.com.



NARROW STILE FULL FRAMED DOORS

CAT. NO.	CLAD FINISH
FFN1BS	Brushed Stainless
FFN1PS	Polished Stainless
FFN1PB	Polished Brass
FFN1SB	Satin Brass
FFN1SA	Satin Anodized
FFN1DU	Dark Bronze Anodized
FFN10RB	Oil Rubbed Bronze

Minimum order: 1 each.

MEDIUM STILE FULL FRAMED DOORS

CAT. NO.	CLAD FINISH
FFM1BS	Brushed Stainless
FFM1PS	Polished Stainless
FFM1PB	Polished Brass
FFM1SB	Satin Brass
FFM1SA	Satin Anodized
FFM1DU	Dark Bronze Anodized
FFM10RB	Oil Rubbed Bronze

Minimum order: 1 each.

WIDE STILE FULL FRAMED DOORS

CAT. NO.	CLAD FINISH
FFW1BS	Brushed Stainless
FFW1PS	Polished Stainless
FFW1PB	Polished Brass
FFW1SB	Satin Brass
FFW1SA	Satin Anodized
FFW1DU	Dark Bronze Anodized
FFW10RB	Oil Rubbed Bronze

Minimum order: 1 each.

go to crlaurence.com to search for

platinum-doors

Search

or enter the Catalog Number for complete product information

465Z

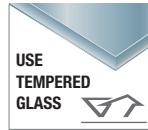
TOLL Phone: (800) 421-6144
FREE Fax: (800) 262-3299
From Anywhere in the U.S. or Canada



CRL-U.S. Aluminum® Clad Durafront Entrances



- Custom Clad Durafront Series 800 and 850 Doors
- Door Sizes Up to 48" (1219 mm) Wide By 120" (3048 mm) Tall
- Medium and Wide Stile Options
- Accepts 1/4" to 1" (6 to 25 mm) Glazing
- Removable Glass Stops
- Available in Five Standard Finishes
- Matching Clad Storefronts and Curtain Walls Available



or

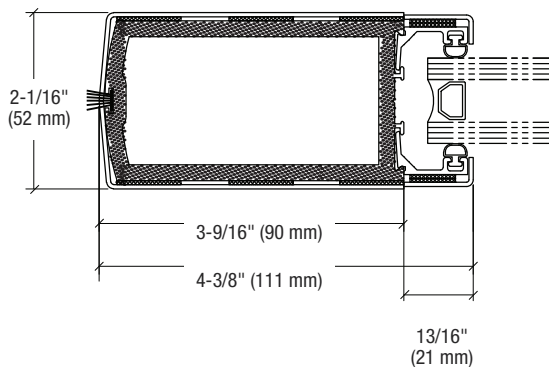


We have combined the aesthetically pleasing design, clean lines, and superb performance of our popular Durafront Entrance Doors with our beautiful clad finishes to create low cost, architecturally pleasing entrances.

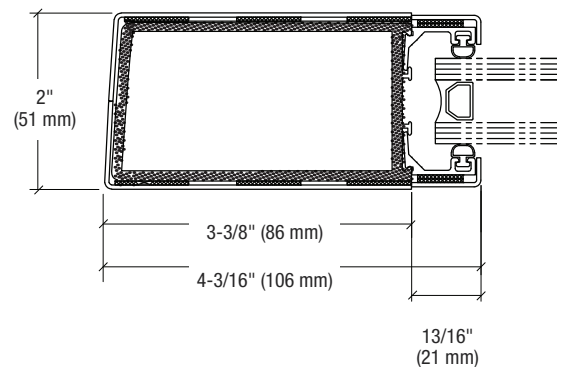
Available in five clad finishes; brushed or polished stainless steel, polished or satin 464 naval brass, and oil rubbed bronze.

For additional information or assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send email to usalum@crlaurence.com.

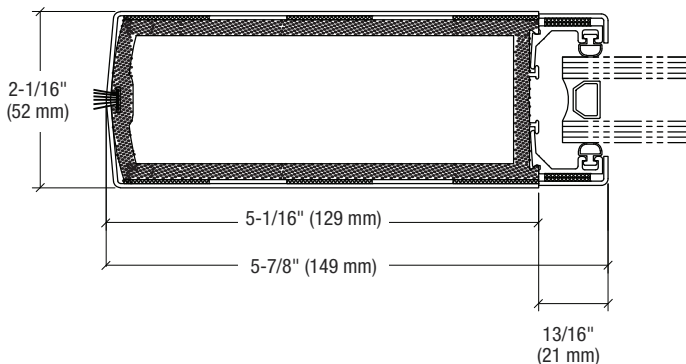
Series 800
Medium Radius Stile for Center Hung and Meeting Point Conditions



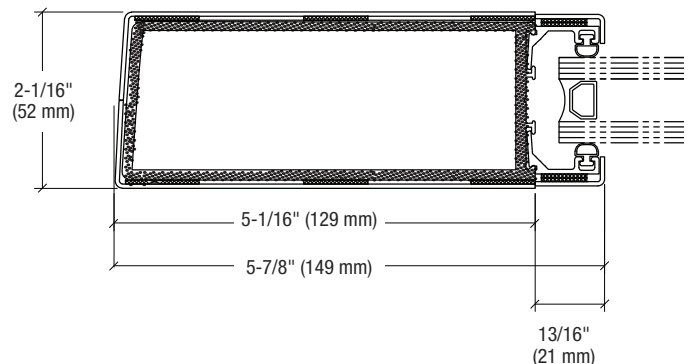
Series 800
Medium Beveled Stile for Butt Hinge/Offset Pivot Conditions



Series 850
Wide Radius Stile for Center Hung and Meeting Point Conditions

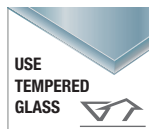


Series 850
Wide Beveled Stile for Butt Hinge/Offset Pivot Conditions



CRL-U.S. Aluminum® Clad Durafront Entrances

- Center Hung or Offset
- Door Sizes Up to 48" (1219 mm) Wide By 120" (3048 mm) Tall
- For Interior and Exterior Applications
- 18 Gauge Clad Aluminum Construction
- Hardware Options to Meet Your Needs



or



CRL-U.S. Aluminum® Clad Durafront Doors can be ordered to accept 1/4" to 1" (6 to 25 mm) glazing or can come pre-glazed at the factory, ready for installation. Removable Clad stops come standard at both interior and exterior sides of the doors. To complete your opening, 1-3/4" x 4-1/2" (44 x 114 mm) or 2" x 4-1/2" (51 x 114 mm) clad frames can also be supplied.

For additional information or assistance contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send email to usalum@crlaurence.com.



go to crlaurence.com to search for

entrances

Search

or enter the Catalog Number for complete product information

467Z

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

CRL
U.S. ALUMINUM

CRL-U.S. Aluminum Stock Size DC and CD 250 Series 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



Standard Features:

- Offset Pivots
- Push Bar and Offset Pull Handle
- Hookbolt Lock (Single Doors)
- Three-Point Lock (CD Model Paired Doors Only)
- Lock Indicator
- Cylinders
- Cylinder Guard
- 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
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.

CRL-U.S. Aluminum Stock Size DC 250 Series 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



Standard Features:

- Two Butt Hinges Per Door
- Push Bar and Offset Pull Handle
- Hookbolt Lock (Single 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.

CRL-U.S. Aluminum Stock Size DE 250 Series 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



Standard Features:

- Offset Pivots
- Push Bar and Offset Pull Handles
- 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
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.

CRL-U.S. Aluminum Stock Size CZ and DZ 250 Series 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



Standard Features:

- Offset Pivots and Jackson® 1285 Series Concealed Vertical Rod Panic Exit Device
- Exterior Offset Pull Handle
- Cylinder
- Glazing Gaskets

**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.

CRL-U.S. Aluminum 250 Series 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



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.

CRL-U.S. Aluminum Stock Size DC and CD 400 Series 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



Standard Features:

- Offset Pivots
- Push Bar and Offset Pull Handle
- Hookbolt Lock (Single Doors)
- Three-Point Lock (CD Model Paired Doors Only)
- Lock Indicator
- Cylinders
- Cylinder Guards Glazing Gaskets



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.

CRL-U.S. Aluminum 400 Series 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



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.

CRL-U.S. Aluminum 550 Series 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



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.

go to crlaurence.com to search for

entrances

Search

or enter the Catalog Number for complete product information

471Z

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



CRL-U.S. Aluminum 800 and 850 Series Durafront Center Pivot and Offset Pivot Doors

- 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



or



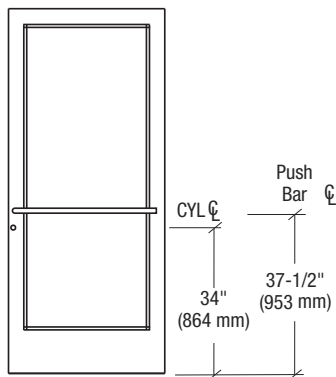
Series 800 Durafront
Medium Stile
Center Pivot Door



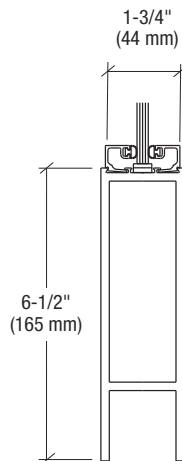
Series 850 Durafront
Wide Stile
Offset Pivot Door

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.

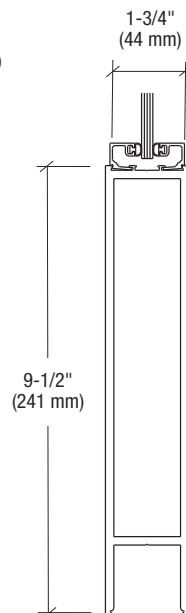
Durafront Entrance Packages, which are offered for center and offset pivot doors, can be easily adapted to most U.S. Aluminum Framing Systems. The door features mechanically fastened and welded corner construction. Offset pivot doors are supplied with a pair and a half of heavy-duty hinges, pivot sets 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, ask for Ext. 5305. You can also send email to usalum@crlaurence.com.



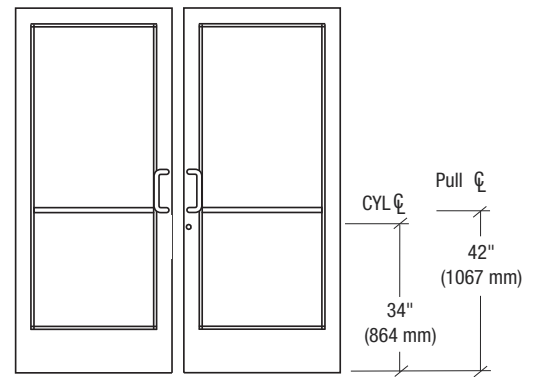
Center Pivot Door



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 900 Series Terrace Doors



- NEW Adjustable Pivot Hinge
- 1" x 4-1/2" (25 x 114 mm) Framing
- AW-PG80 Rated ATD for Single Out-Swing
- HC-40 Rated ATD for Pair Out-Swing
- Standard Threshold Available for In-Swing or Out-Swing Doors
- Available in Painted or Anodized Finishes
- Five-Point Locking Device for Single
- Seven-Point Locking Device for Pairs
- Accepts 1" (25 mm) Insulating Glass
- Thermally Broken
- Available With Transom or Sidelite

The 900 Series Terrace Door is a high performance swinging door ideal for hotels, lofts, condominiums, and high-rise apartments. The Terrace Door will withstand heavy traffic and the worst of weather conditions while maintaining its elegant styling. Standard threshold versions are available in either in-swing or out-swing, single or double doors with transom or sidelite.

The 2-1/4" (57 mm) thick door with a 1" x 4-1/2" (25 x 114 mm) frame features double polyamide glass reinforced strips providing superior interior to exterior thermal separation.

For maximum security, the Series 900 Terrace Door includes a five-point locking device on single doors and seven-points on pairs. Three each five-knuckle hinges, with non-removable stainless steel pins, or our adjustable pivot hinge complete the sturdy look and feel of the Series 900 Terrace Door.

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, and ask for Ext. 5305. You can also send email to usalum@crlaurence.com.



Three Lever Handle Styles With 12 Finish Options



CRL-U.S. Aluminum 925 Series Patio Doors

NEW!



- 1" x 4-1/2" (25 x 114 mm) Framing
- Accepts 1" (25 mm) Insulating Glass
- Thermally Broken
- Available in Painted or Anodized Finishes
- Five-Point Locking Device for Singles; Seven-Point Locking Device for Pairs
- Available With Transom or Sidelite
- 1/2" (13 mm) Low Profile Threshold
- Swing Out Doors Only



Shown With
Optional 10" (254 mm)
Bottom Rail

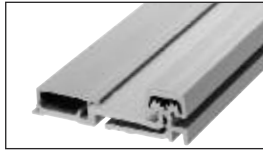


The 925 Series Patio Door is a high performance door featuring a low profile threshold and available in single or paired out-swing versions. An optional 10" (254 mm) Bottom Rail is available. The 2-1/4" (57 mm) thick door with a

1" x 4-1/2" (25 x 114 mm) frame features double polyamide glass reinforced strips providing superior interior to exterior thermal separation. For maximum security, the Series 925 Patio Door features a five-point locking device on single doors, seven-points on pairs, plus three five-knuckle hinges with non-removable stainless steel pins.

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, and ask for Ext. 5305. You can also send email to usalum@crlaurence.com.

CRL Continuous Hinges



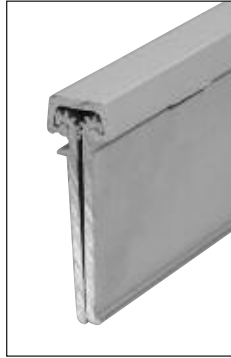
100 and 150 Series
Full Surface Hinges



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.

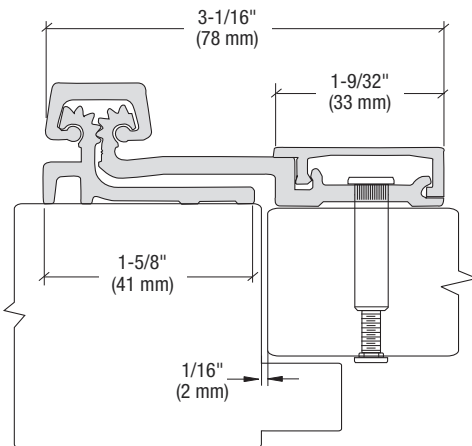
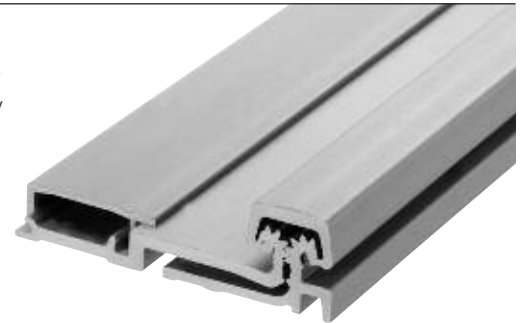


Our hole pattern is designed to speed up installations, but still provide the required attachment points needed to carry the weight.

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

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

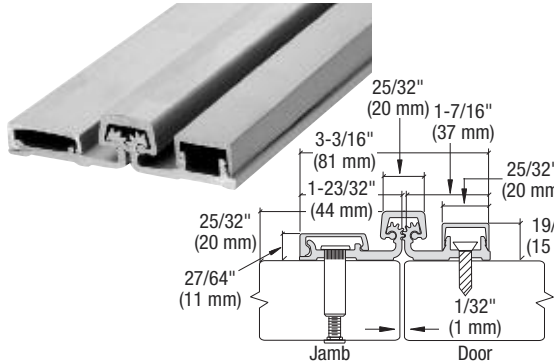
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

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. *120" (3.05 m) length. 120" (3.05 m) lengths must ship common carrier.

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

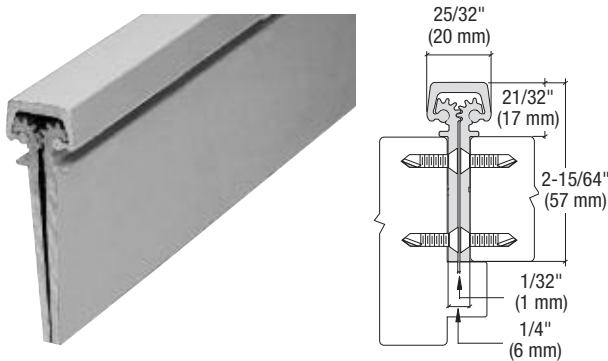
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

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. *120" (3.05 m) length. 120" (3.05 m) lengths must ship common carrier.

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)



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

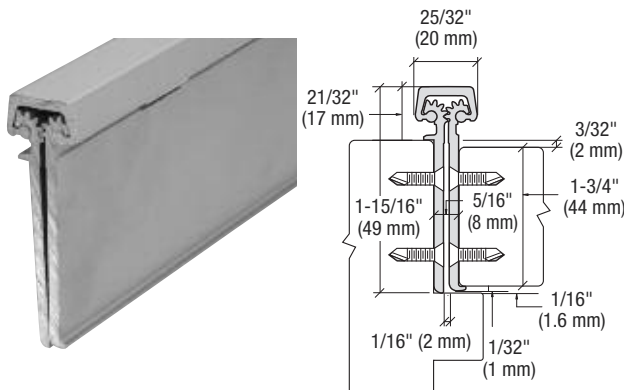
HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

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. 120" (3.05 m) lengths must ship common carrier.

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. 120" (3.05 m) lengths must ship common carrier.

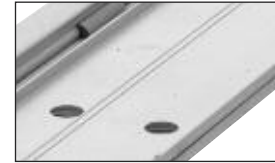
Roton® Continuous Hinges

- Specified Everywhere Because of Their Long Service Life
- UL Listed For Use With Fire Rated Doors
- Available in Standard or Heavy-Duty Models



Roton® 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. Roton® Hinges are easy to install, and come complete with instructions and all necessary mounting hardware. Replacement Screw Packs are also available.

Features and Benefits



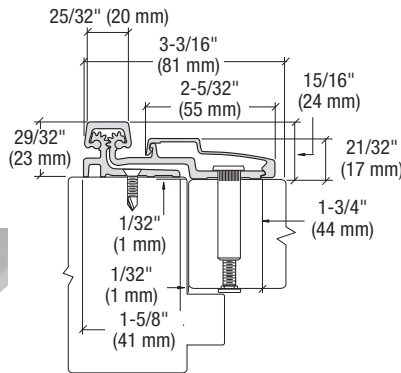
Hole pattern is designed to speed up installations, but still provide the required attachment points needed to carry the weight.



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).

Roton® 210 and 210HD 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)



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

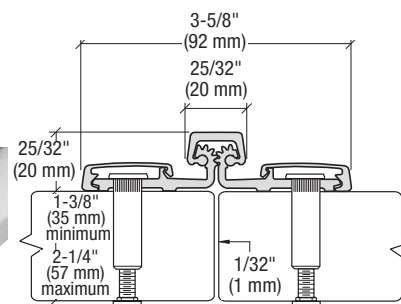
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

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® 057HD Series Heavy-Duty Full Surface Continuous Hinges

- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



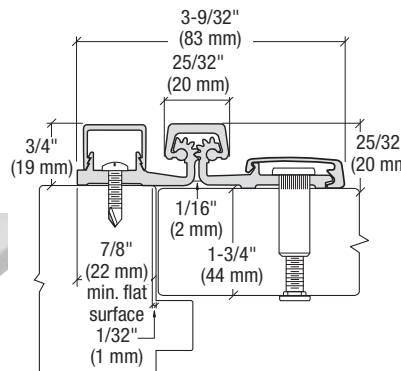
HEAVY-DUTY FULL SURFACE CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
057HD83A	83" (2.11 m)	Satin Anodized	94875SA
057HD83DU	83" (2.11 m)	Dark Bronze Anodized	32357DU

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 Hinges for Doors Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors Weighing Up to 600 Pounds (272 kg)



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

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.

UL is a registered trademark of UL LLC.

Roton is a registered trademark of C. Hager & Sons Hinge Manufacturing Company.

go to crlaurence.com to search for

door-hinges

Search

476Z

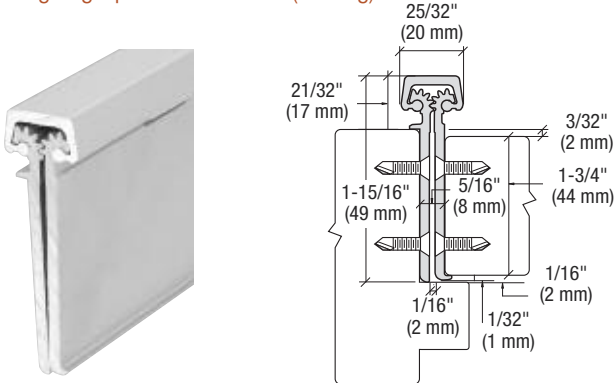
or enter the Catalog Number for complete product information

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

CRL
ALUMINUM

Roton® 224 and 224HD 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)



STANDARD DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
22483A	83" (2.11 m)	Satin Anodized	61362SA
22483DU	83" (2.11 m)	Dark Bronze Anodized	61815DU

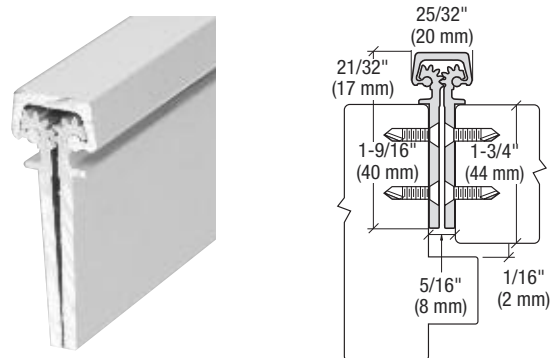
HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
224HD83A	83" (2.11 m)	Satin Anodized	61362SA
224HD83DU	83" (2.11 m)	Dark Bronze Anodized	61815DU

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 Hinges for Doors
Weighing Up to 200 Pounds (90 kg)
- Heavy-Duty Hinges for Doors
Weighing Up to 600 Pounds (272 kg)



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

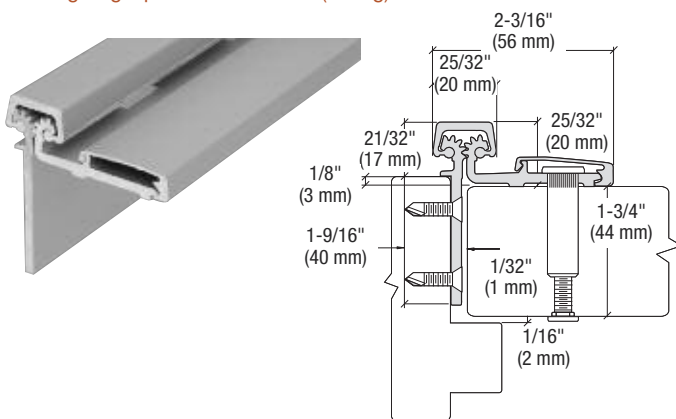
HEAVY-DUTY CONCEALED LEAF CONTINUOUS HINGES

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® 053 Series Half Surface Continuous Hinges

- Standard Duty Hinges for Doors
Weighing Up to 200 Pounds (90 kg)



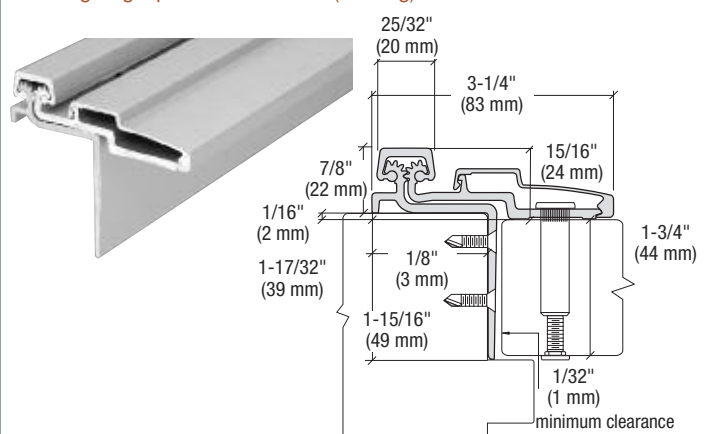
STANDARD DUTY HALF SURFACE CONTINUOUS HINGES

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.

Roton® 211HD Series Half Surface/Frame Leaf Wrap-Around Continuous Hinges

- Heavy-Duty Hinges for Doors
Weighing Up to 600 Pounds (272 kg)



HEAVY-DUTY HALF SURFACE/FRAME LEAF CONTINUOUS HINGES

HINGE CAT. NO.	HINGE LENGTH	HINGE FINISH	REPLACEMENT SCREW PACK CAT. NO.
211HD83A	83" (2.11 m)	Satin Anodized	22701SA
211HD83DU	83" (2.11 m)	Dark Bronze Anodized	26245DU

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.

go to crlaurence.com to search for

door-hinges

Search

or enter the Catalog Number for complete product information

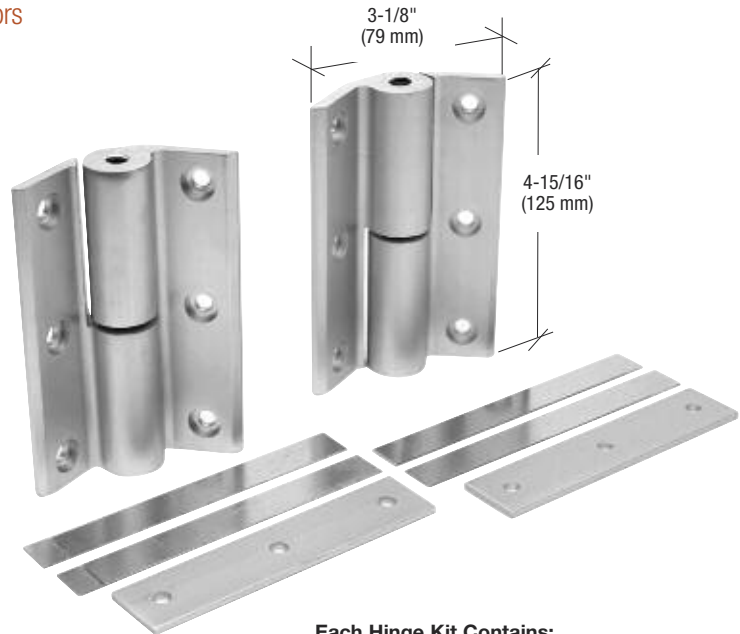
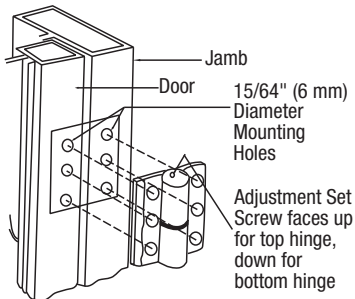
477Z

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

CRL
ALUMINUM

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



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.

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

CAT. NO.	FINISH
DL1099A	Satin Anodized
DL1099DU	Bronze Anodized

Minimum order: 1 pair. All Storefront Hinges can be combined for quantity pricing.

CRL Reinforcement Backing Plates for Standard Weight Butt Hinge Installations

This CRL Reinforcement Backing Plate is designed to support Standard Weight BB10, BB15, BB30, BB35, BB40, BB45, and CB45 Style 4-1/2" (114 mm) Ball Bearing Butt Hinges when mounted to storefront tubes. They are non-handed, and made of heavy gauge, plated steel. Plates are tapped for standard 12-24 machine screws to mount the Plate to the frame or door. Minimum order is one each.

- Used With BB10, BB15, BB30, BB35, BB40, BB45, and CB45 Style Standard Weight Butt Hinges
- Non-Handed, Can Be Used for Both Door and Frame Reinforcement



CAT. NO. MHT4

CRL Reinforcement Backing Plates for Heavy Weight Butt Hinge Installations

This CRL Reinforcement Backing Plate is designed to support Heavy Weight BB20, BB25, BB50, BB55, BB60, BB65, and S45 Style 4-1/2" (114 mm) Ball Bearing Butt Hinges when mounted to storefront tubes. They are non-handed, and made of heavy gauge, plated steel. Plates are tapped for standard 12-24 machine screws to mount the Plate to the frame or door. Minimum order is one each.

- Used With BB20, BB25, BB50, BB55, BB60, BB65, and S45 Style Heavy Weight Butt Hinges
- Non-Handed, Can Be Used for Both Door and Frame Reinforcement



CAT. NO. MHA4

CRL Ball Bearing Hinges

- 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 478Z).



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 478Z).



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 478Z).



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 478Z).



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 478Z).



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 478Z).



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

These Ball Bearing Full Mortise Square Hinges are ideal for medium weight doors receiving average frequency use. Made from .134 gauge steel, these Hinges are packed three per box, with machine screws and wood screws included.

- 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

3-1/2" X 3-1/2" (89 X 89 MM)

CAT. NO.	HINGE PIN TYPE	FINISH
CB3510B	Removable Pin	Antique Oiled Bronze
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
CB410B	Removable Pin	Antique Oiled Bronze
CB415	Removable Pin	Dull Nickel
CB426D	Removable Pin	Satin Chrome
CB43	Removable Pin	Polished 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)

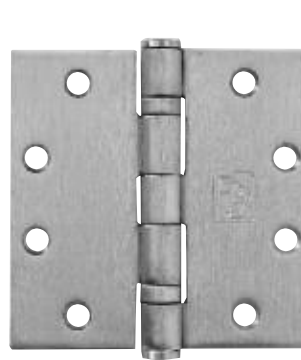
CAT. NO.	HINGE PIN TYPE	FINISH
CB4510B	Removable Pin	Antique Oiled Bronze
CB4515	Removable Pin	Dull Nickel
CB4532D	Removable Pin	Satin Stainless Steel
CB45D	Removable Pin	Black
CB45P	Removable Pin	Prime Coat

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

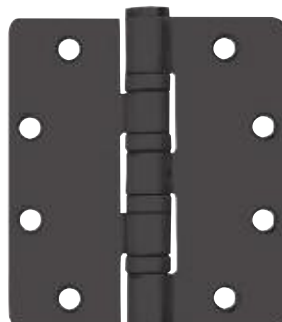
Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.



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.



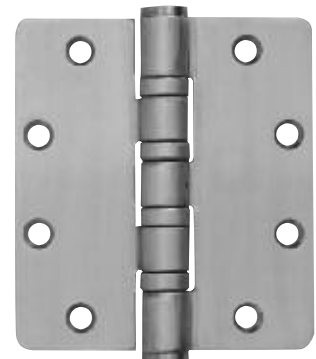
CAT. NO.	HINGE PIN TYPE	FINISH
DH70911	Non-Removable Pin	Clear
DH70922	Non-Removable Pin	Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 5" x 4-1/2" Heavy-Duty Ball Bearing Hinge

- Brass Construction
- Ideal for Heavy Weight Doors

These 5" x 4-1/2" (127 x 114) heavy-duty brass Hinges have 1/4" (6 mm) radius corners. Ball bearing full mortise type Hinges are designed for heavy doors receiving heavy-abusive traffic flow. Hinges are sold separately, with machine screws included.



CAT. NO.	HINGE PIN TYPE	FINISH
DH71911	Non-Removable Pin	Clear
DH71922	Non-Removable Pin	Bronze

Minimum order: 1 box. Sizes and finishes can be combined for quantity pricing.

CRL 3-1/2" x 3-1/2" Heavy-Duty Spring Hinge

- 1/4" Radius Corners
- Commercial Grade

These 3-1/2" x 3-1/2" (89 x 89 mm) Heavy-Duty Spring Hinges have 1/4" (6 mm) radius corners and are packed one per box. Wood screws and machine screws are included.



CAT. NO.	FINISH
S35426D	Satin Chrome
S3543PB	Polished Brass
S3544	Dull Brass

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL 3-1/2" x 3-1/2" Heavy-Duty Spring Hinge

- 5/8" Radius Corners
- Commercial Grade

These 3-1/2" x 3-1/2" (89 x 89 mm) Heavy-Duty Spring Hinges have 5/8" (16 mm) radius corners and are packed one per box. Wood screws and machine screws are included.



CAT. NO.	FINISH
S35810B	Antique Oiled Bronze
S35826D	Satin Chrome

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL 3-1/2" Hinge Fillers

- 1/4" and 5/8" Radius Corners

CRL 3-1/2" (89 mm) Hinge Fillers have 1/4" or 5/8" (6 or 16 mm) radius corners. Packed individually with machine screws and wood screws.



CAT. NO.	RADIUS SIZE	FINISH
F35410B	1/4" (6 mm)	Antique Oiled Bronze
F35426D	1/4" (6 mm)	Satin Chrome
F35810B	5/8" (16 mm)	Antique Oiled Bronze
F35826D	5/8" (16 mm)	Satin Chrome

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL 4" x 4" Heavy-Duty Spring Hinge

- 1/4" 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 screws 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 4" x 4" Heavy-Duty Spring Hinge

- 5/8" Radius Corners
- Commercial Grade

These 4" x 4" (102 x 102 mm) Heavy-Duty Spring Hinges have 5/8" (16 mm) radius corners and are packed one per box. Wood screws and machine screws are included.



CAT. NO.	FINISH
S4810B	Antique Oiled Bronze
S4815	Dull Nickel
S4826	Bright Chrome
S4826D	Satin Chrome

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL Heavy-Duty Square Spring Hinge

- Available in Two Sizes

These Heavy-Duty Spring Hinges have square corners and are packed one per box. Wood screws and machine screws are included.



4" X 4" (102 X 102 MM)		4-1/2" X 4-1/2" (114 X 114 MM)	
CAT. NO.	FINISH	CAT. NO.	FINISH
S410B	Antique Oiled Bronze	S4510B	Antique Oiled Bronze
S415	Dull Nickel	S4515	Dull Nickel
S426D	Satin Chrome	S4526D	Satin Chrome

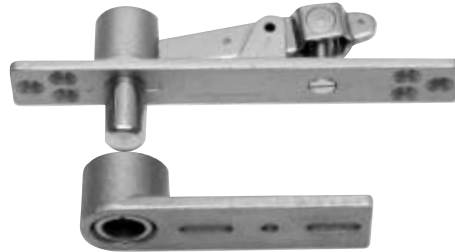
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

CRL COMMERCIAL DOOR PIVOTS

MORE CHOICES
crlaurence.com/door-pivots

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.



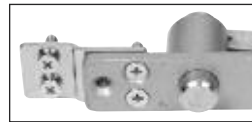
OPTIONAL COVER PLATES

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

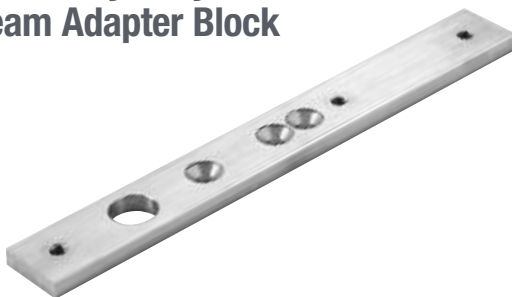
CAT. NO.	COVER PLATE FINISH
20534628	Aluminum
20534313	Dark Bronze

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.

go to crlaurence.com to search for

door-pivots

Search

or enter the Catalog Number for complete product information

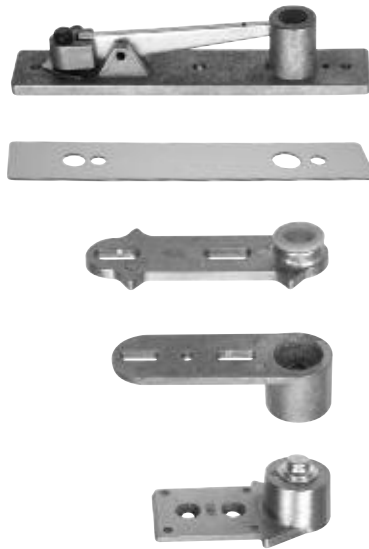
482Z

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

CRL
ALUMINUM

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



This complete Pivot Set is suited for use with standard 1-3/4" (45 mm) thick aluminum storefront doors. These non-handed Pivot Sets are perfect for new or retrofit applications. Maximum Weight: 125 lbs. (57 kg).

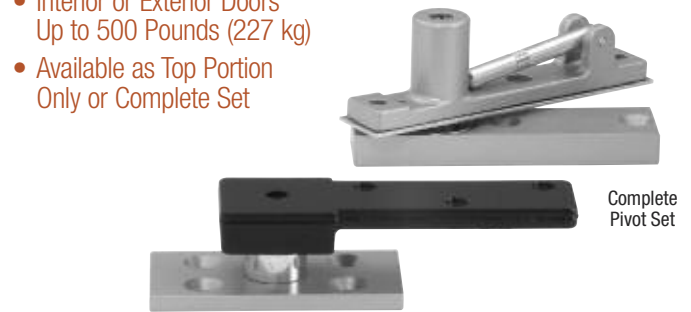
CAT. NO.	FINISH
670M628	Aluminum
670M313	Dark Bronze

Minimum order: 1 each. Door Pivots can be combined for quantity pricing.

IVES® Center-Hung Pivot

NEW!

- Interior or Exterior Doors Up to 500 Pounds (227 kg)
- Available as Top Portion Only or Complete Set



Complete Pivot Set

This IVES® Center-Hung Pivot features a 500 pound (227 kg) weight capacity. Available as a top portion only or as a complete center-hung pivot set. Double-acting non-handed Bottom Pivot mounts directly to floor. Adjustable floor to door clearance of 3/16" to 3/4" (5 to 19 mm). Sealed bearings for protection against the weather.

COMPLETE SET CAT. NO.	TOP ONLY CAT. NO.	COVER PLATE FINISH
7255SETSC	---	Satin Chrome
---	7255T0PAL	Painted Aluminum
7255SETDU	7255T0PDU	Dark Bronze

Minimum order: 1 each.

CRL Jackson® 3/4" Offset Pivot Set

- Includes Both Top and Bottom Pivot Components
- Non-Handed



This complete Offset Pivot Set is used with standard 1-3/4" (45 mm) thick storefront aluminum doors. Non-handed Pivot Sets are perfect for new or retrofit applications. Maximum weight is 125 pounds (57 kg).

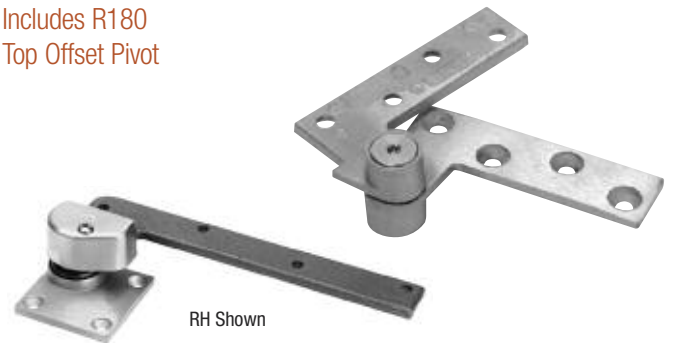
CAT. NO.	FINISH
689628	Aluminum
689313	Dark Bronze

Minimum order: 1 each. Door Pivots can be combined for quantity pricing.

Rixson® 3/4" Offset Pivot Set

RIXSON®

- Interior or Exterior Doors Up to 600 Pounds (272 kg)
- Choice of Left or Right Handed
- Includes R180 Top Offset Pivot



RH Shown

These Rixson® Offset Pivots have a 600 pound (272 kg) weight capacity, and will work on doors up to 42" (1067 mm) in width. Choice of left or right handed with finished Cover Plate.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	COVER FINISH
147LHSC	147RHSC	Satin Chrome
147LHPC	147RHPC	Polished Chrome
147LHPB	147RHBPB	Polished Brass
147LH DU	147RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

go to crlaurence.com to search for

door-pivots

Search

or enter the Catalog Number for complete product information

483Z

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

CRL
ALUMINUM

Rixson® Accessories for Floor Mounted Door Closers

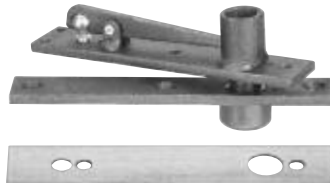


Rixson® Regular Duty and Heavy-Duty Center-Hung Top Pivots

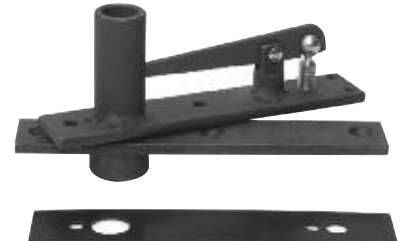
- Regular Duty 1/2" (13 mm) Diameter Pivot Pin With Sintered Bronze Bearing
- Heavy-Duty 11/16" (17 mm) Diameter Pivot Pin With Needle Bearing
- New Long Throw Heavy-Duty 3/4" (19 mm) Diameter Pivot Pin With Needle Bearing for Doors Over 8'6" (2.6 m) in Height
- Finished Cover Plates, Wood, and Machine Screws Are Included
- Pivots Are Non-Handed
- Four Finishes



Regular Duty Top Pivot



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.

NOTE: Custom Rail and Header preparations are required when using the H345 Series Long Throw Heavy-Duty Pivot.

Rixson® Center-Hung Pivot Set

- For Interior or Exterior Center-Hung Doors Up to 500 Pounds (227 kg)
- Regular Duty 340 Center-Hung Top Pivot Included

This Rixson® Center-Hung Pivot Set can be used on center-hung doors up to 44" x 102" (1.12 x 2.59 m). Double-acting, non-handed Bottom Pivot mounts directly to floor with included fasteners. Sealed bearings for protection against the weather.



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.

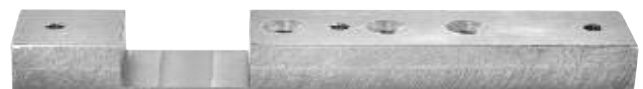
CRL Adapter Blocks for Top Rail

- For Use With CRL DRS Door Rail System
- Used for Center-Hung Applications With Rixson® 340 or H340 Walking Beam Pivots

These Adapter Blocks attach to our standard slide block allowing the easy installation of the door portion of a Rixson® 340 Regular Duty Walking Beam Pivot or H340 Heavy-Duty Walking Beam Pivot. Minimum order is one each.



Regular Duty Adapter Block
CAT. NO. CRL340ADP



Heavy-Duty Adapter Block
CAT. NO. CRLH340ADP

Rixson® is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

go to crlaurence.com to search for

door-pivots

Search

or enter the Catalog Number for complete product information

484Z

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



Rixson® 3/4" Offset Top Pivots

- Oil-Impregnated Sintered Bronze Bearing
- Non-Handed in Four Finishes

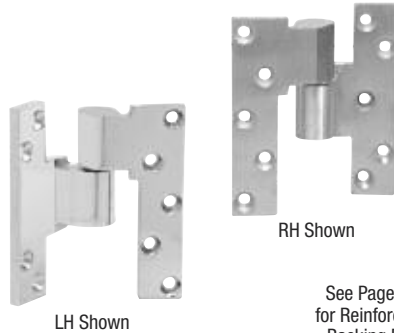


CAT. NO.	FINISH
R180SC	Satin Chrome
R180PC	Polished Chrome
R180PB	Polished Brass
R180DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson® 3/4" Offset Intermediate Pivots

- Four Finishes



LH Shown

RH Shown

See Page 486Z 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
M19LH DU	M19RH DU	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
252050LH DU	252050RH DU	Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.

Rixson is a registered trademark of Yale Security, Inc., an ASSA ABLOY Group Company.

Rixson® Multi-Function 10 Series Surface Mount Overhead Stops and Holders

RIXSON®

- 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	30-1/16" to 36"	32-1/16" to 38"	Satin Stainless
10346SA	(764 to 914 mm)	(814 to 965 mm)	Painted Aluminum
10346DU			Painted Dark Bronze
10446SS	36-1/16" to 42"	38-1/16" to 45"	Satin Stainless
10446SA	(916 to 1067 mm)	(967 to 1143 mm)	Painted Aluminum
10446DU			Painted Dark Bronze
10546SS	42-1/16" to 48"	45-1/16" to 48"	Satin Stainless
10546SA	(1068 to 1219 mm)	(1145 to 1219 mm)	Painted Aluminum
10546DU			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).

Rixson® Heavy-Duty 6 Series Concealed Mount Overhead Stop

- Concealed Slide Track in Top Door Rail



DOOR OPENING TYPE			
CAT. NO.	OFFSET PIVOTS/HINGES	CENTER-HUNG PIVOTS	FINISH
6236SS	28-1/16" to 33"	30" to 36"	Satin Stainless
6236PB	(713 to 838 mm)	(762 to 914 mm)	Polished Brass
6236DU			Painted Dark Bronze
6336SS	33-1/16" to 38"	36-1/16" to 41"	Satin Stainless
6336PB	(840 to 965 mm)	(916 to 1041 mm)	Polished Brass
6336DU			Painted Dark Bronze
6436SS	38-1/16" to 43"	41-1/16" to 46"	Satin Stainless
6436PB	(967 to 1092 mm)	(1043 to 1168 mm)	Polished Brass
6436DU			Painted Dark Bronze
6536SS	43-1/16" to 48"	46-1/16" to 50"	Satin Stainless
6536PB	(1094 to 1219 mm)	(1170 to 1270 mm)	Polished Brass
6536DU			Painted Dark Bronze

Minimum order: 1 each. All Overhead Stops can be combined for quantity pricing.

CRL Offset Top Pivots

- Can Be Used With All Floor Mounted Door Closers
- Pivots Are Non-Handed

Offset Top Pivots are full mortise and non-handed for use with CRL Door Rails, as well as aluminum, wood, and hollow metal doors.



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

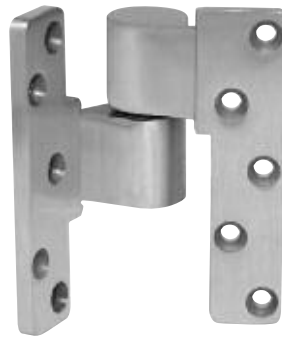
CAT. NO.	FINISH
95120SC	Satin Chrome
95120CH	Polished Chrome
95120DU	Dark Bronze

Minimum order: 1 each. Finishes and sizes can be combined for quantity pricing.

CRL Jackson® 3/4" Offset Intermediate Aluminum Pivots

- For New or Retrofit Use
- Available in Two Finishes
- Handed Left or Right

These 3/4" (19 mm) Offset Intermediate Aluminum Pivots are for new or retrofit use with standard 1-3/4" (44.5 mm) storefront aluminum doors to maintain door alignment. They 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 can be combined for quantity pricing.

CRL Heavy-Duty 3/4" Offset Intermediate Pivots

- For New or Retrofit Use
- Available in Four Finishes
- Handed Left or Right

These 3/4" (19 mm) Offset Intermediate Pivots are for new or retrofit use with standard 1-3/4" (45 mm) storefront aluminum doors to maintain door alignment. These are handed, full-mortise type Pivots, and feature a full race ball bearing and oilite bronze bushing for a long maintenance-free life. They are not intended to be load-bearing pivots. Pivots allow for a 5/8" (16 mm) vertical adjustment, and feature a fully retractable pin for easy installation.



LH Shown

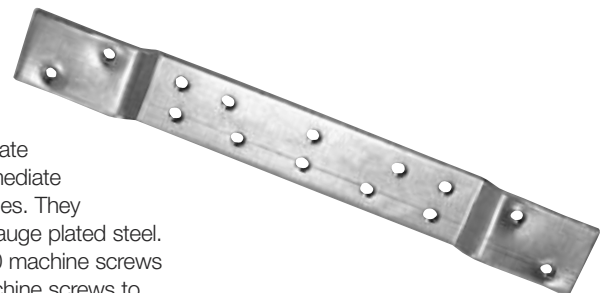
LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
CRL19LHSC	CRL19RHSC	Satin Chrome
CRL19LHPC	CRL19RHPC	Polished Chrome
CRL19LHPB	CRL19RHPB	Polished Brass
CRL19LH DU	CRL19RH DU	Dark Bronze

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, Use for Both Door and Frame Reinforcement

This CRL Reinforcement Backing Plate is designed to support standard Intermediate Pivots when mounted to storefront tubes. They are non-handed and made of heavy gauge plated steel. Plates are tapped for standard 1/4"-20 machine screws for the pivot mounting, and 12-24 machine screws to mount the plate to the frame or door. Minimum order is one each.



CAT. NO. 2302711

CRL Bottom 3/4" Offset Pivot

- Bottom Pivot Mortised Into Side Jamb
- Weight of Door is Supported by Floor Portion
- Vertical Adjustment Range +1/4" to -1/16"

These Bottom Pivots are designed to fit standard aluminum, wood, and hollow metal doors 1-3/4" (45 mm) thick.

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	FINISH
DH14211L	DH14211R	Aluminum
DH14222L	DH14222R	Dark Bronze

Minimum order: 1 each.



Left Hand Shown

CRL Offset Bottom Arms

- Fit All Floor Mounted Door Closers With Flat Tapered Spindles
- Handed Left or Right

CRL Offset Bottom Arms are used with single acting doors where the Floor Closer is offset mounted. The Arms can be used with: 7/8" (22 mm) Flat Tapered Spindles; CRL Door Rails; aluminum, wood, and hollow metal doors. The Arms are handed, and are supplied with a mounting screws, and a finished cover to complement the finish of the door. For replacement mounting screws order Cat. No. BA8SCR.



Right Hand Shown



Right Hand Shown

3/4" (19 MM) OFFSET BOTTOM ARMS

LEFT HAND (RHR) CAT. NO.	RIGHT HAND (LHR) CAT. NO.	FINISH
CRL9077SC	CRL9079SC	Satin Chrome
CRL9077PB	CRL9079PB	Polished Brass
CRL9077CH	CRL9079CH	Polished Chrome
CRL9077DU	CRL9079DU	Dark Bronze

Minimum order: 1 each. Finishes and handing 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
95323LH DU	95323RH DU	Dark Bronze

Minimum order: 1 each. Finishes and handing can be combined for quantity pricing.

CRL Floor Mounted and Overhead Concealed Door Closers

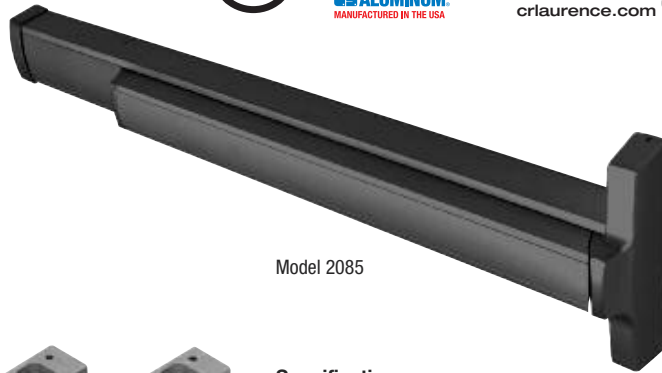
- See Our Overhead Concealed Door Closers on Pages 303Z-324Z
- See Our Floor Mounted Door Closers on Pages 328Z-345Z
- UL Listed



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
- Models Are Available for Balanced Doors on Request

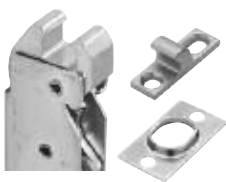
For Active outside trim and other panic accessories, visit our web site at crlaurence.com/panic-devices.



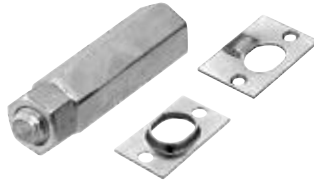
Model 2085

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



2085 Series
Top Latch



2086 Series
Top Bolt



20861 Series
Impact Top Bolt

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)
- Requires Mortise Cylinder and Series 30821J Mounting Pad for Keyed Entry.

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);
- Requires Mortise Cylinder and Series 30821J Mounting Pad for Keyed Entry.

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

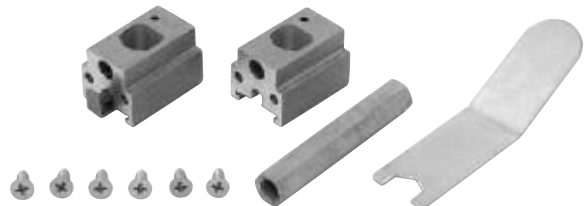
CRL Jackson® 2086 Impact Door Kit

- 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.

UL is a registered trademark of UL LLC.



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
- Models Are Available for Balanced Doors on Request



For additional product information, visit our web site at crlaurence.com/panic-devices.

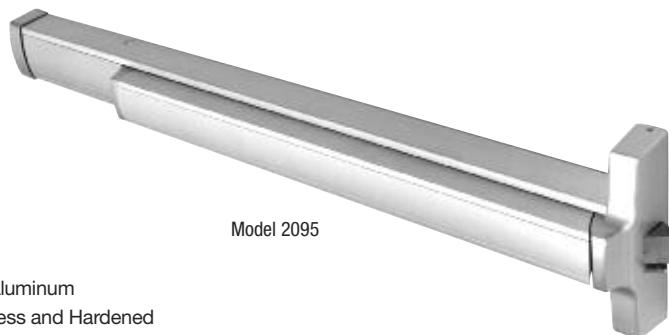
Specifications:

2095 Rim Device

- Requires Rim Cylinder for Keyed Entry;
- 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



Model 2095

'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. **Example:** 312095'C'LC3628



Cylinder Dogging
Models Available

CRL Jackson® Panic Accessories



For Active Outside Trim and Other CRL Jackson® Panic Accessories, visit our web site at crlaurence.com/panic-devices.

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

panic-devices

Search

or enter the Catalog Number for complete product information

489Z

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



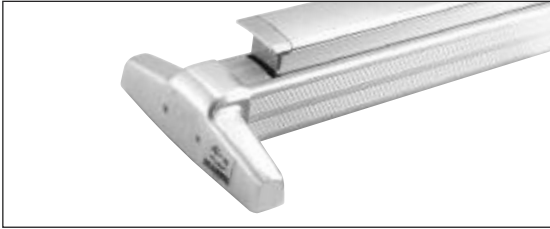
Von Duprin® 33A/35A Series Panic Exit Devices



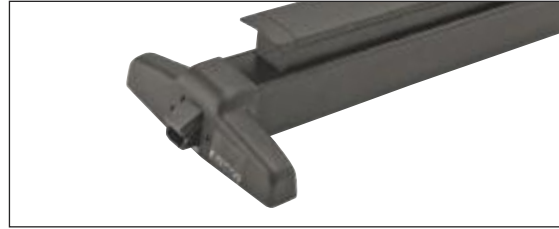
VON DUPRIN® **IR** Security & Safety
Proven Source. Proven Solutions.™

- "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

- 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.

go to crlaurence.com to search for

panic-devices

Search

or enter the Catalog Number for complete product information

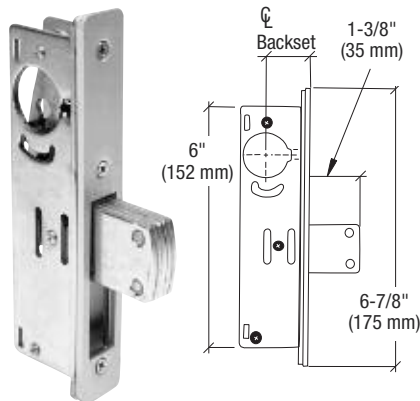
490Z

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

CRL
ALUMINUM

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 (See Page 171Z)
- Faceplate (Optional)

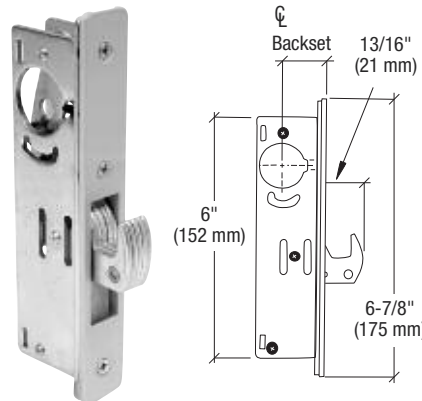


CAT. NO.	BACKSET	HANDED
DL2110A	31/32" (25 mm)	Non-Handed
DL2110B	1-1/8" (29 mm)	Non-Handed

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 (See Page 171Z)
- Faceplate (Optional)

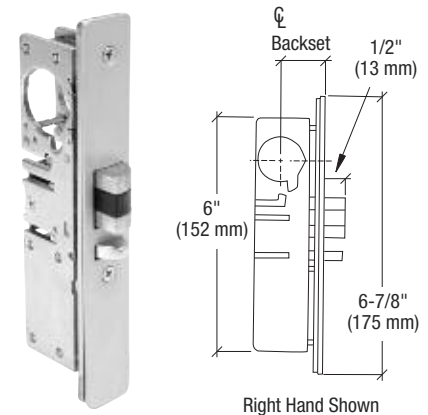


CAT. NO.	BACKSET	HANDED
DL2130A	31/32" (25 mm)	Non-Handed
DL2130B	1-1/8" (29 mm)	Non-Handed

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 (See Page 171Z)
- Faceplate and Strike (Optional)



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 493Z 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)



For DL2110 Series Long Throw Deadlocks



For DL2130 Series Hook Throw Deadlocks



For DL2140 Series Deadlatch Locks



For DL2110 and DL2130 Series Flat No Cut Out

Faceplate Styles



Flat



Radius



Radius Weatherstripped



Left Hand Beveled*



Right Hand Beveled *



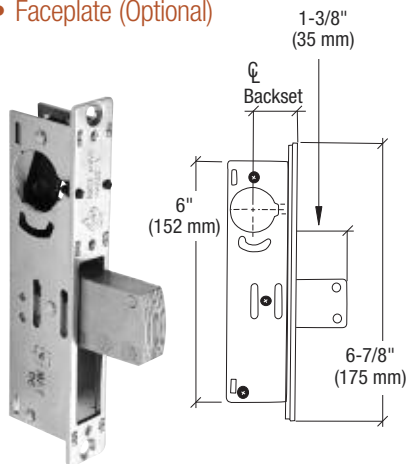
Flat No Cut Out

LOCK SERIES	FINISH	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.	CAT. NO.
DL2110	Aluminum	DL2111A	DL2112A	DL2113A	DL2114A	DL2115A	DL2100A
DL2110	Dark Bronze	DL2111DU	DL2112DU	DL2113DU	DL2114DU	DL2115DU	DL2100DU
DL2130	Aluminum	DL2131A	DL2132A	DL2133A	DL2134A	DL2135A	DL2100A
DL2130	Dark Bronze	DL2131DU	DL2132DU	DL2133DU	DL2134DU	DL2135DU	DL2100DU
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 493Z for Handing Chart.

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 (See Page 171Z)
- Faceplate (Optional)

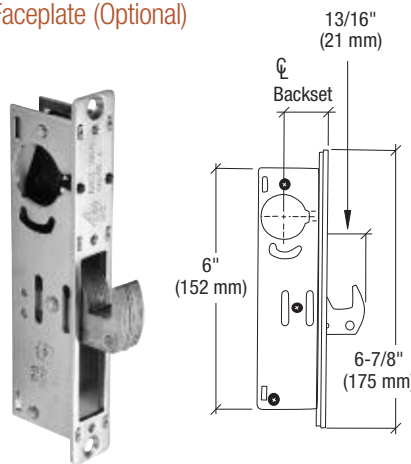


CAT. NO.	BACKSET	HANDED
MS18532	31/32" (25 mm)	Non-Handed
MS18533	1-1/8" (29 mm)	Non-Handed

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 (See Page 171Z)
- Faceplate (Optional)



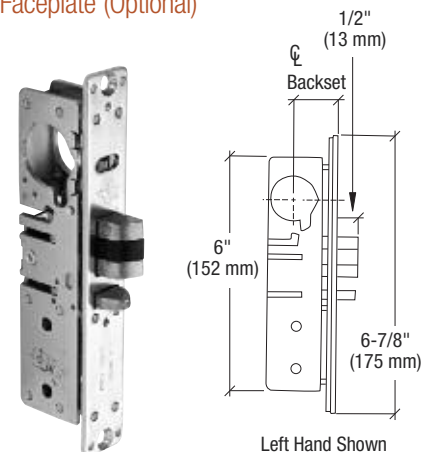
CAT. NO.	BACKSET	HANDED
MS1853H2	31/32" (25 mm)	Non-Handed
MS1853H3	1-1/8" (29 mm)	Non-Handed

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. Faceplates sold separately.

Adams Rite® Deadlatch Locks



- 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 (See Page 171Z)
- Faceplate (Optional)



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 493Z 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)



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

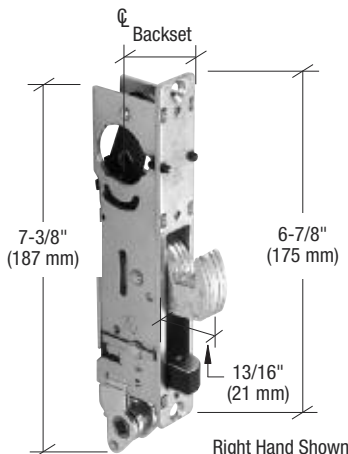
Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing. * See page 493Z for Handing Chart.

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)

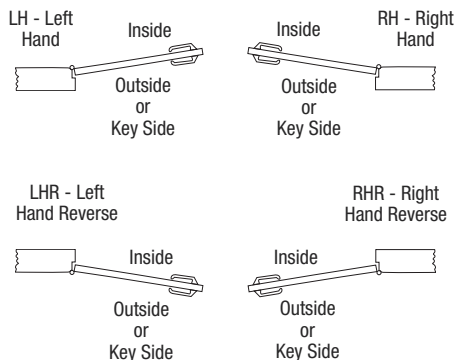
Throw bolt made of 5-ply laminated stainless steel. Center ply has alumina-ceramic core to defeat any hacksaw attack, including "super hacksaws". Hook shape repels prybar attempts. Lock accepts standard 1-5/32" (29 mm) diameter mortise key or thumbturn cylinders with AR MS-Type Cam (see page 171Z).



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.

Door Handing is Determined from Outside or Key (Secure) Side of the Door.



Adams Rite® Optional Faceplates

- For Use With Deadbolt/Latch Locks Above
- All Faceplates Measure 1" x 6-7/8" (25 x 175 mm)



For Offset Hung Single Door



For Center Hung Single Door

Faceplate Styles:



LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	CENTER HUNG CAT. NO.	FINISH	LOCK SERIES
DH19111L	DH19111R	DH19211	Aluminum	DH18900
DH19122L	DH19122R	DH19222	Dark Bronze	DH18900

Minimum order: 1 each. All Deadlocks and Faceplates can be combined for quantity pricing.

CRL Manual Flush Bolts

- 1" x 6-3/4" (25 x 171 mm) Square End
- 3/4" (19 mm) Throw
- 1/2" (12 mm) Bolt Head Diameter

This CRL Manual Flush Bolt has a rod that adjusts from 10" to 11" (254 to 279 mm) in length. Made from cast brass and includes strike plates and screws.

CENTER HUNG CAT. NO.	FINISH	QTY/PKG
FBM610B	Antique Oiled Bronze	1 Pair
FBM626D	Satin Chrome	1 Pair

Minimum order: 1 pair.

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 Commercial Saddle Thresholds

- For New Construction and Retrofit
- Aluminum, Stainless Steel, and Brass Models Available
- Custom Profiles Also Available

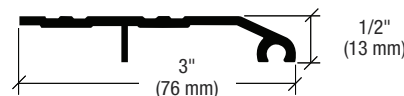
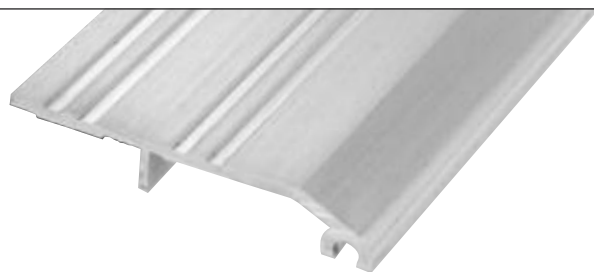
CRL offers Thresholds for most commercial door applications. Special order profiles, lengths, widths, and custom prepping are readily available by contacting our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send an e-mail to architectural@crlaurence.com.



CRL 3" Half Saddle Threshold

- Typically Used to Meet With Irregular Floor Surface

This 3" (76 mm) wide x 1/2" (13 mm) high aluminum constructed Threshold comes in one length and finish. Furnished with screws for installation.



ALUMINUM
CAT. NO.

LENGTH

39A36

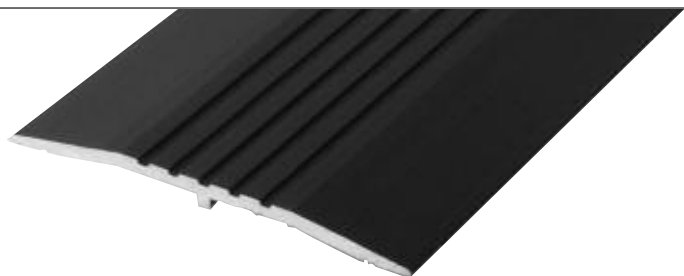
36-1/2" (927 mm)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.

CRL 4" Commercial Saddle Threshold

- Commonly Used With 4" Wide Storefront Tubing

This 4" (102 mm) wide x 1/4" (6 mm) high aluminum constructed Threshold comes in two finishes and three lengths. Furnished with screws for installation.



ALUMINUM
CAT. NO.

DARK BRONZE
CAT. NO.

LENGTH

38A36

38D36

36-1/2" (927 mm)

38A72

38D72

73" (1.85 m)

38A185

38D185

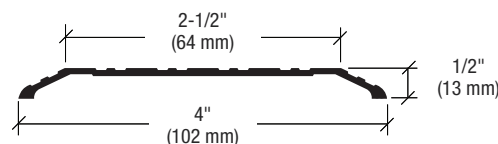
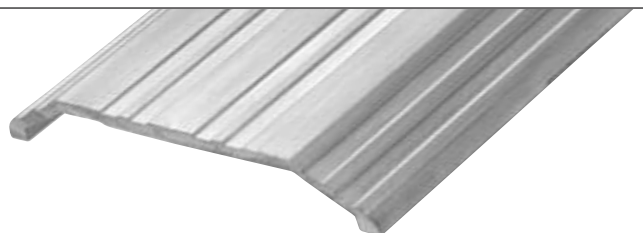
185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

CRL 4" Commercial Saddle Threshold

- Commonly Used With 4" Wide Storefront Tubing

This 4" (102 mm) wide x 1/2" (13 mm) high aluminum constructed Threshold comes in two finishes and three lengths. Furnished with screws for installation.



ALUMINUM
CAT. NO.

DARK BRONZE
CAT. NO.

LENGTH

TH014A36

TH014D36

36-1/2" (927 mm)

TH014A72

TH014D72

73" (1.85 m)

TH014A185

TH014D185

185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.

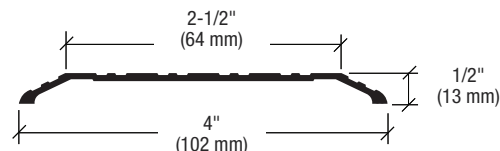
CRL 4" Fabricated Thresholds

- For Center Pivot Door With Overhead Concealed Closer
- Mill Finish

Single and Double Door 4" (102 mm) aluminum constructed Thresholds are fabricated in three styles to work with our stock center pivoting aluminum framed doors. Custom styles and sizes can be special ordered.

MILL CAT. NO.	DESCRIPTION	LENGTH
TP417990036	Single Door Threshold	36" (914 mm)
TP427990072	Double Doors Threshold	72" (1.83 m)
TP427990A72	Double Doors 3 Pt. Lock Threshold	72" (1.83 m)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.



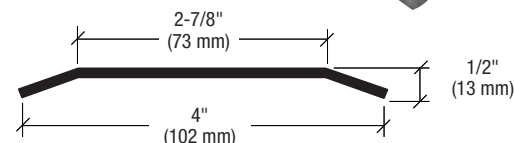
CRL 4" Stainless Steel Saddle Threshold

- Stainless Steel for Corrosive Environments

CRL Stainless Steel Saddle Thresholds are brake-press formed, solid 304 grade stainless steel, not stainless steel "clad". Supplied with stainless steel screws for easy installation, they are especially useful in environments where corrosive agents or saltwater is affecting door hardware.

CAT. NO.	LENGTH
TH074SS36	36-1/2" (927 mm)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.



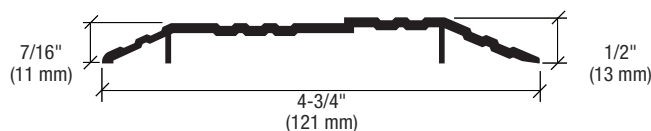
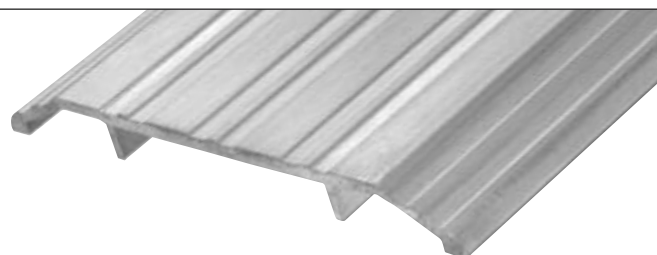
CRL 4-3/4" Commercial Saddle Threshold

- Commonly Used With Offset Hung Doors

This 4-3/4" (121 mm) wide x 1/2" (13 mm) high aluminum constructed Threshold comes in two finishes and three lengths. For Fabricated Thresholds, for offset pivot doors see below.

ALUMINUM CAT. NO.	DARK BRONZE CAT. NO.	LENGTH
TH250A36	TH250D36	36" (914 mm)
TH250A42	TH250D42	42" (1.06 m)
TH250A72	TH250D72	72" (1.83 m)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.



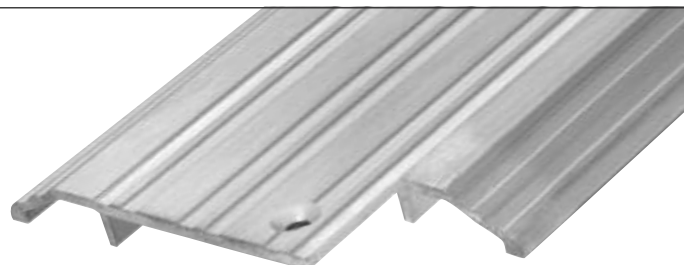
CRL 4-3/4" Fabricated Thresholds

- For Offset Pivot Door With Surface Mounted Closer
- Mill Finish

Single and Double Door 4-3/4" (121 mm) aluminum constructed Thresholds are fabricated to work with our stock offset pivot doors. They are available in three styles. Custom styles and sizes can be special ordered.

MILL 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" (1.83 m)
TP222990A72	Double Doors 3 Pt. Lock Threshold	72" (1.83 m)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.



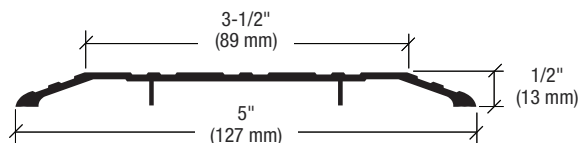
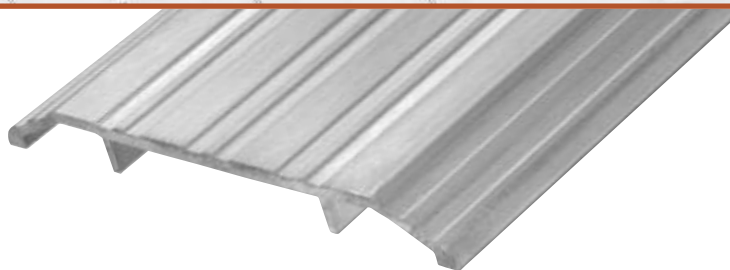
CRL 5" Commercial Saddle Threshold

- Generally Used With 4-1/2" Wide Storefront Tubing

This 5" (127 mm) wide x 1/2" (13 mm) high aluminum constructed Threshold comes in two finishes and three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	DARK BRONZE CAT. NO.	LENGTH
TH015A36	TH015D36	36-1/2" (927 mm)
TH015A72	TH015D72	73" (1.85 m)
TH015A185	TH015D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.



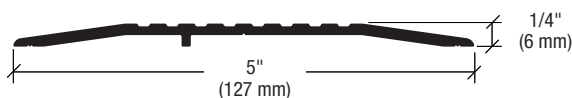
CRL 5" Commercial Saddle Threshold

- Generally Used With 4-1/2" Wide Storefront Tubing

This 5" (127 mm) wide x 1/4" (6 mm) high aluminum constructed Threshold comes in two finishes and three lengths. Furnished with screws for installation.

ALUMINUM CAT. NO.	DARK BRONZE CAT. NO.	LENGTH
48A36	48D36	36-1/2" (927 mm)
48A72	48D72	73" (1.85 m)
48A185	48D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.



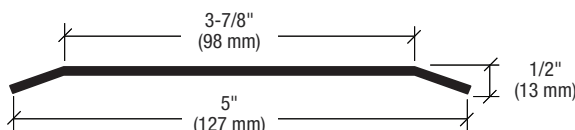
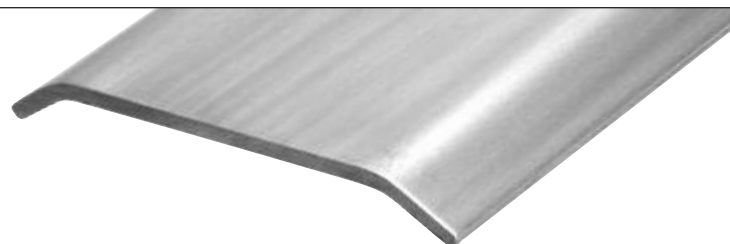
CRL 5" Stainless Steel Saddle Threshold

- Stainless Steel for Corrosive Environments

CRL Stainless Steel Saddle Thresholds are brake-press formed, solid 304 grade stainless steel, not stainless steel "clad". Supplied with stainless steel screws for easy installation, they are especially useful in environments where corrosive agents or saltwater is affecting door hardware.

CAT. NO.	LENGTH
TH075SS36	36-1/2" (927 mm)

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing.



CRL 5" Offset Saddle Threshold

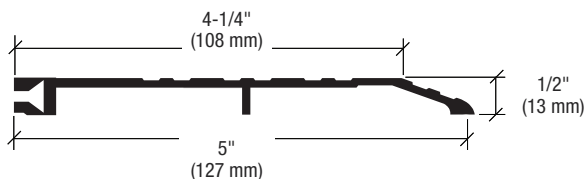
- Fire Rated
- Smoke Tested
- Barrier Free
- UL Listed



These CRL Offset Saddle aluminum constructed Thresholds meet ANSI/BHMA Standards, and are access compliant, fire rated, and UL Listed. Furnished with screws for installation.

ALUMINUM CAT. NO.	DARK BRONZE CAT. NO.	LENGTH
255A36	255D36	36-1/2" (927 mm)
255A72	255D72	73" (1.85 m)
255A185	255D185	185" (4.7 m)*

Minimum order: 1 each. All CRL Thresholds can be combined for quantity pricing. *Must ship common carrier.



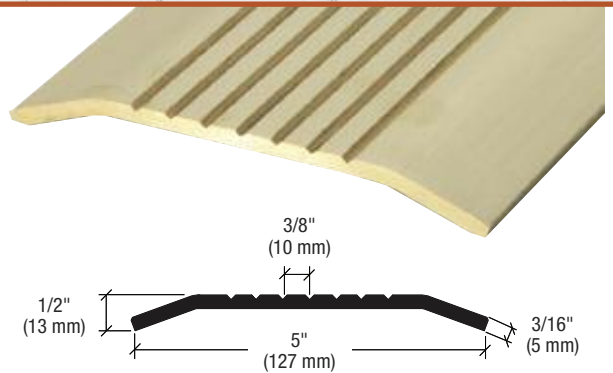
CRL Custom 5" Commercial Saddle Threshold

- Available in 304 and 316 Grade Stainless* or 464 Brass
- Custom Lengths Up to 120" (3.05 m)

This 5" (127 mm) wide x 1/2" (13 mm) high Threshold comes in brushed stainless or satin brass.

BRUSHED STAINLESS* CAT. NO.	SATIN BRASS CAT. NO.	LENGTH
512THSSC	512THSBC	Specify
Minimum order: 1 each. *Specify 304 or 316 Grade Stainless. Lengths longer than 98" (2.49 m) must ship common carrier.		

NEW!



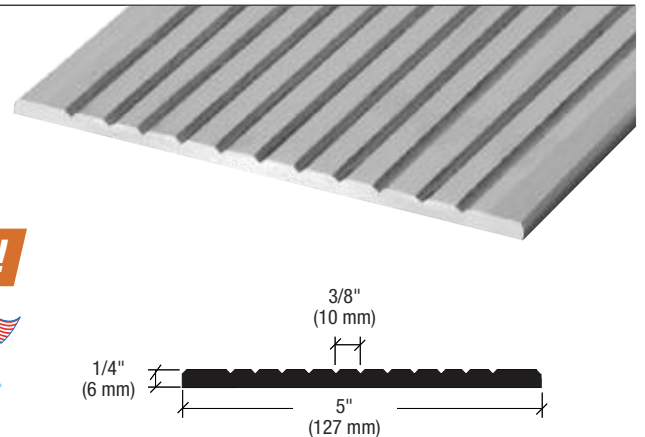
CRL Custom 5" Commercial Saddle Threshold

- 1/4" (6 mm) Square Edge
- Available in 304 and 316 Grade Stainless or 464 Brass and C260 Brass*
- Custom Lengths Up to 120" (3.05 m)

This 5" (127 mm) wide x 1/4" (6 mm) high Threshold is typically used flush with Terrazo floor.

BRUSHED STAINLESS* CAT. NO.	SATIN BRASS CAT. NO.	LENGTH
514THSSC	514THSBC	Specify
Minimum order: 1 each. *Specify 304 or 316 Grade Stainless; 464 or C260 Brass*. Lengths longer than 98" (2.49 m) must ship common carrier.		

NEW!



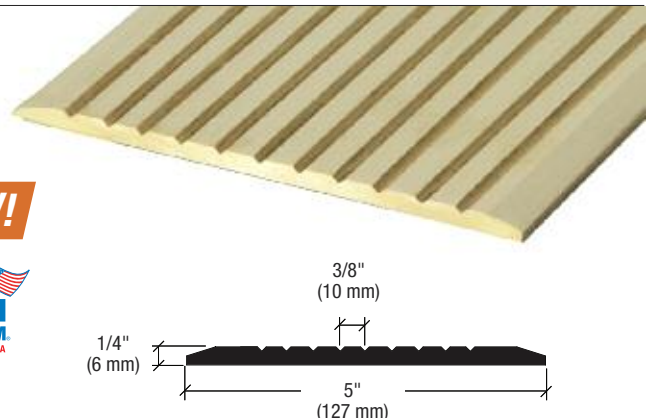
CRL Custom 5" Commercial Saddle Threshold

- 1/4" (6 mm) Beveled Edge
- Available in 304 and 316 Grade Stainless or 464 Brass and C260 Brass*
- Custom Lengths Up to 120" (3.05 m)

This 5" (127 mm) wide x 1/4" (6 mm) high Threshold comes in brushed stainless or satin brass.

BRUSHED STAINLESS* CAT. NO.	SATIN BRASS CAT. NO.	LENGTH
514THBSSC	514THBSBC	Specify
Minimum order: 1 each. *Specify 304 or 316 Grade Stainless; 464 or C260 Brass*. Lengths longer than 98" (2.49 m) must ship common carrier.		

NEW!



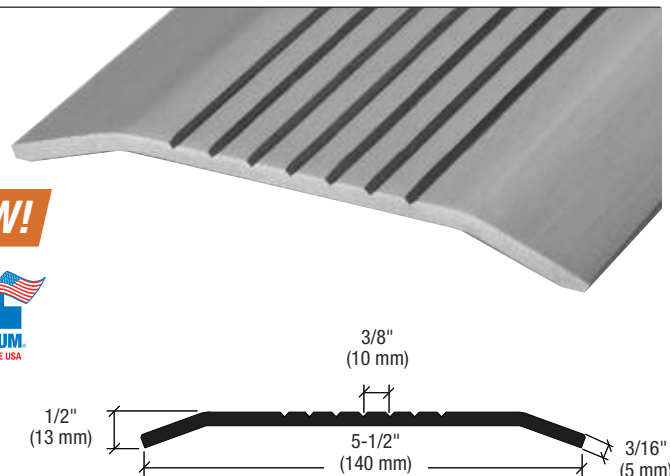
CRL 5-1/2" Commercial Saddle Threshold

- Two Stock Sizes Available 36" and 72" (914 and 1.83 m)
- Available in 304 and 316 Grade Stainless* or 464 Brass
- Custom Lengths Up to 120" (3.05 m)

This 5-1/2" (140 mm) wide x 1/2" (13 mm) high Threshold comes in brushed stainless or satin brass. Stock size Thresholds are 304 grade stainless or 464 brass. Custom Thresholds you must specify 304 or 316 Grade Stainless.

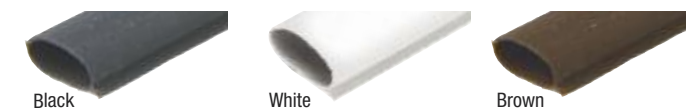
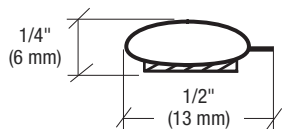
BRUSHED STAINLESS CAT. NO.	SATIN BRASS CAT. NO.	LENGTH
55012THBS36	55012THSB36	36" (914 mm)
55012THBS72	55012THSB72	72" (1.83 m)
55012THBSC	55012THSBC	Specify
Minimum order: 1 each. *Specify 304 or 316 Grade Stainless. Lengths longer than 98" (2.49 m) must ship common carrier.		

NEW!



CRL Self-Adhesive Weatherstrip

- Made of Santoprene® in Three Colors
- Available in 17, 100, and 500 Foot Rolls



Applied to a Door Jamb



Compresses When Door is Closed

CRL Self-Adhesive Weatherstrip is designed to be applied to the "stop" perimeter of a frame to prevent energy loss, reduce noise and dust infiltration. It will not crack or craze in cold or heat. Self-adhesive application makes installation easy and requires only scissors or a utility knife to cut to size. Tested in accordance with ASTM E-283 and listed by Warnock Hersey for use on labeled openings up to 90 minutes.

PACKAGED WEATHERSTRIP

100 FOOT (30.5 M) CAT. NO.	17 FOOT (5.2 M) CAT. NO.	COLOR
SW250BLC	SW250BL17	Black
SW250WC	SW250W17	White
SW250BRC	SW250BR17	Brown

Minimum order: 1 roll. All Self-Adhesive Weatherstrip can be combined for quantity pricing.

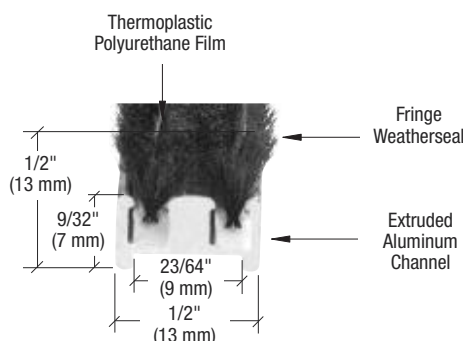
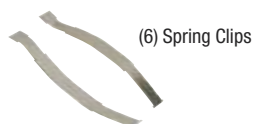
BULK WEATHERSTRIP

CAT. NO.	ROLL LENGTH	COLOR
SW250BLB	500' (152.4 m)	Black
SW250WB	500' (152.4 m)	White
SW250BRB	500' (152.4 m)	Brown

Minimum order: 1 roll. All Self-Adhesive Weatherstrip can be combined for quantity pricing.

CRL Narrow Commercial Door Astragal With Weatherstrip

- Extruded Aluminum Channel Weatherstrip
- Retrofits Kawneer® Astragals
- Can Be Used for Platinum Series and Formed Framed Doors



The CRL Narrow Commercial Door Astragal installs with just a screwdriver and the pre-punched spring tensioners assure fast, easy adjustment to the mating surface. It is similar to, and will retrofit, Kawneer® astragals with a center channel width of 1/2" (13 mm) or more. **NOTE:** There are six spring clips included with each Astragal. If additional clips are needed order our Cat. No. R011GCL1P.

CAT. NO.	FINISH	LENGTH
R011G83L	Mill Aluminum	84" (2133 mm)
R011G96L	Mill Aluminum	96" (2438 mm)
R011GCL1P	---	Spring Clip*

Minimum order: 1 each. *Minimum order six each of Spring Clips.

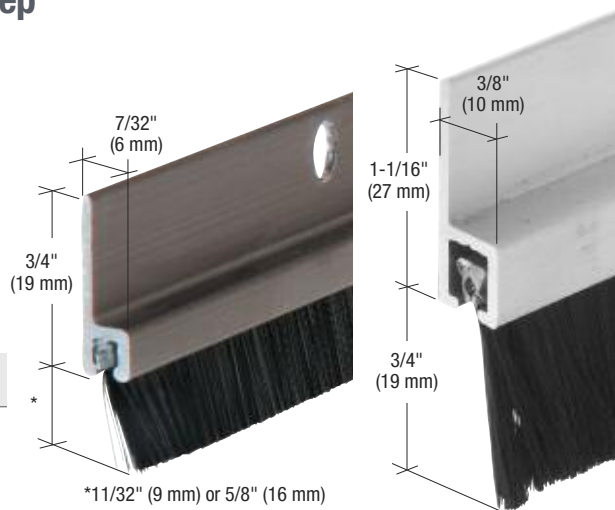
CRL Extruded Aluminum and Nylon Brush Door Sweep

- Flexible Bristles in a Choice of Three Lengths Allow a Seal on Even or Uneven Surfaces
- Used at Top and Bottom Rails on CRL Balanced Doors

This CRL Extruded Aluminum and Nylon Brush Door Sweep is designed to be applied to the "stop" perimeter of a frame to prevent energy loss and reduce noise infiltration. This Weatherstrip uses thousands of flexible bristles allowing a seal on uneven and even surfaces. Bristles are available in 11/32" (9 mm), 5/8" (16 mm), and 3/4" (19 mm) lengths. Supplied with screws for easy installation.

11/32" BRISTLE CAT. NO.	5/8" BRISTLE CAT. NO.	3/4" BRISTLE CAT. NO.	FINISH	LENGTH
WS257AV72	WS377AV72	WS497AV72	Aluminum	72" (1829 mm)
WS257DV72	WS377DV72	WS497DV72	Dark Bronze Anodized	72" (1829 mm)
WS257AV96	WS377AV96	WS497AV96	Aluminum	96" (2438 mm)
WS257DV96	WS377DV96	WS497DV96	Dark Bronze Anodized	96" (2438 mm)

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



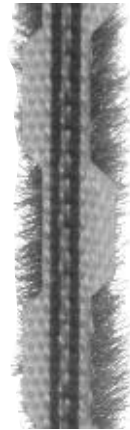
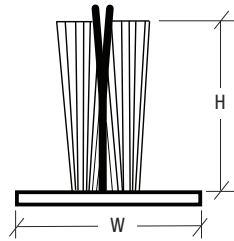
Kawneer® is a registered trademark of Alcoa Inc., and its subsidiaries and affiliates.

CRL Zipper Pile Weatherstrip

- Replaces Old or Worn-Out Pile Weatherstripping in Doors and Windows
- New Zipper Tooth Design Allows Pile to Easily Snap in From Above the Extrusion Slot
- High Density Gray Pile With Double Center Fin

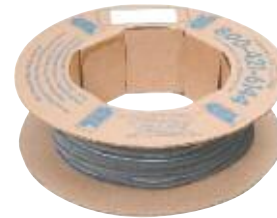
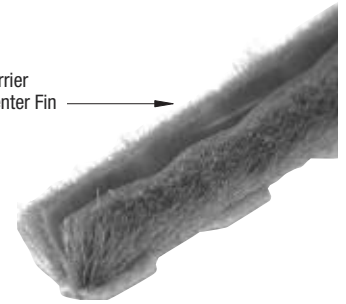


Typical installation in door stile



Zipper Tooth Backing Design

Solid Barrier
"Double" Center Fin



Comes in handy 100 foot rolls as well as cost-saving bulk rolls.

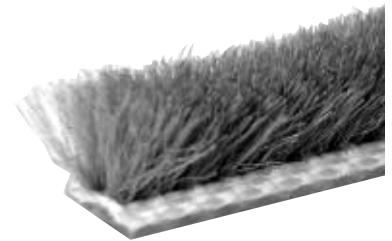
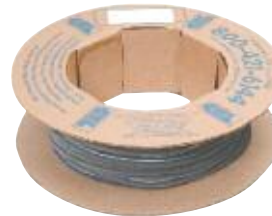
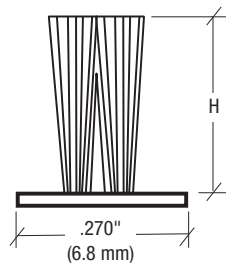
CRL Zipper Pile Weatherstrip is a full density, high performance, water-resistant pile woven to a unique zipper tooth design polypropylene backing. The new zipper tooth design allows the pile to easily snap into the extrusion slot from above rather than having to slide the pile in from the ends. Whether it's being used in manufacturing or retrofitted, the application is much easier and faster. It even works if the slot is slightly off size. Zipper Pile can be used to retrofit aluminum, vinyl, fiberglass or wood T-slots without the need to take the complete door or window apart. The double center fin provides a true weather seal, compared to other piles without a fin suited for vibration reduction and pest control only.

100 FT. ROLL CAT. NO.	BACKING WIDTH (W)	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
Z78137C	.187" (4.7 mm)	.160" (4 mm)	Z78148B	3,000' (914.4 m)
Z78159C	.187" (4.7 mm)	.200" (5.1 mm)	Z78161B	1,100' (335.3 m)
Z78172C	.187" (4.7 mm)	.250" (6.3 mm)	Z78183B	900' (274.3 m)
Z78194C	.187" (4.7 mm)	.300" (7.6 mm)	Z78205B	700' (213.4 m)
Z78216C	.187" (4.7 mm)	.350" (8.9 mm)	Z78227B	600' (182.9 m)
Z78238C	.187" (4.7 mm)	.400" (10.2 mm)	Z78249B	500' (152.4 m)
Z78251C	.187" (4.7 mm)	.450" (11.4 mm)	Z78262B	400' (121.9 m)
Z78273C	.270" (6.8 mm)	.200" (5.1 mm)	Z78284B	800' (243.8 m)
Z78295C	.270" (6.8 mm)	.250" (6.3 mm)	Z78306B	600' (182.9 m)
Z78317C	.270" (6.8 mm)	.300" (7.6 mm)	Z78328B	400' (121.9 m)
Z78339C	.270" (6.8 mm)	.350" (8.9 mm)	Z78349B	400' (121.9 m)
Z78352C	.270" (6.8 mm)	.400" (10.2 mm)	Z78363B	300' (91.4 m)
Z78374C	.270" (6.8 mm)	.450" (11.4 mm)	Z78385B	300' (91.4 m)
Z78396C	.360" (9.1 mm)	.350" (8.9 mm)	Z78407B	300' (91.4 m)
Z78418C	.360" (9.1 mm)	.450" (11.4 mm)	Z78429B	300' (91.4 m)
Z78431C	.430" (10.9 mm)	.350" (8.9 mm)	Z78442B	300' (91.4 m)
Z78453C	.430" (10.9 mm)	.450" (11.4 mm)	Z78464B	300' (91.4 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Pile for quantity pricing.

CRL Windo-Pile

- Used on Durafront Full Framed Doors
- Replaces Old or Worn-Out Pile Weatherstripping in Doors or Windows
- Water-Resistant Woven Pile is Unaffected by Adverse Weather
- Quick and Simple Installation
- Available in Two Pile Densities: Medium and High

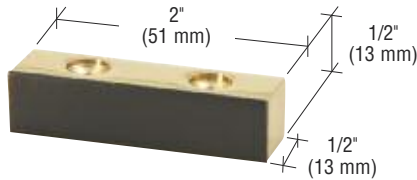


CRL Windo-Pile is specifically made to meet the needs of anyone looking for quality replacement pile weatherstripping. A water-resistant pile woven to a polypropylene backing, with a choice of medium and high densities, it can replace approximately 90% of the worn-out or corroded pile in use in existing doors and windows. The pile is a light gray color.

100 FT. ROLL CAT. NO.	PILE HEIGHT (H)	BULK ROLL CAT. NO.	BULK ROLL LENGTH
A11420C	.200" (5 mm)	A11420B	800' (243.8 m)
A11425C	.250" (6.3 mm)	A11425B	600' (182.9 m)
A11430C	.300" (7.6 mm)	A11430B	400' (121.9 m)
A11435C	.350" (8.9 mm)	A11435B	400' (121.9 m)

Minimum order: 1 roll. 100 foot rolls can be combined with all other 100 foot rolls of Windo-Pile for quantity pricing. Bulk rolls can be combined with all other bulk rolls of Windo-Pile for quantity pricing.

CRL Header Mount Single Door Stop

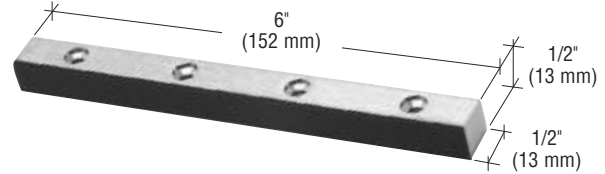


This CRL Header Mounted Single Door Stop provides a positive stop when converting a double acting door into a single acting one-way door. Easy to install (screws not included). One per package.

CAT. NO.	FINISH
1NT307A	Aluminum
1NT307DU	Black Bronze Anodized
1NT307BR	Polished Brass
1NT307BS	Brushed Stainless
1NT307PS	Polished Stainless

Minimum order: 1 each. All Header Mounted Door Stops can be combined for quantity pricing.

CRL Header Mount Double Door Stop



This CRL Header Mounted Double Door Stop provides a positive stop when converting a double acting door into a single acting one-way door. Easy to install (screws not included). One per package.

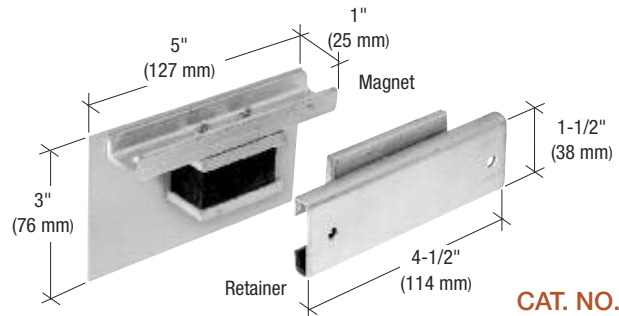
CAT. NO.	FINISH
1NT308A	Aluminum
1NT308DU	Black Bronze Anodized
1NT308BR	Polished Brass
1NT308BS	Brushed Stainless
1NT308PS	Polished Stainless

Minimum order: 1 each. All Header Mounted Door Stops can be combined for quantity pricing.

CRL Heavy-Duty Magnetic Door Retainer

- Up to 50 Pounds (23 kg) of Adjustable Holding Strength
- Keeps Doors From Blowing Open
- Non-Handed

This CRL Heavy-Duty Magnetic Door Retainer keeps doors closed even during heavy winds. Non-handed Retainer provides up to 50 pounds (23 kg) of adjustable pull strength once installed. Helps control energy loss, and is easily installed in just minutes. Minimum order is one each.



CAT. NO. M50

Rixson® Electromagnetic Door Holder

- 25 to 40 Pounds (11 to 18 kg) of Holding Power
- Concealed Wiring
- Selectable Input Voltage 12V DC, 24V AC/DC, 120V AC

Electromagnetic Door Holders are designed for virtually any remote door release application. They are primarily used to hold fire and smoke barrier doors open until released by a remote smoke detector or switching device. **NOTE:** A separate closing device is required to close the doors as normal closing operation.



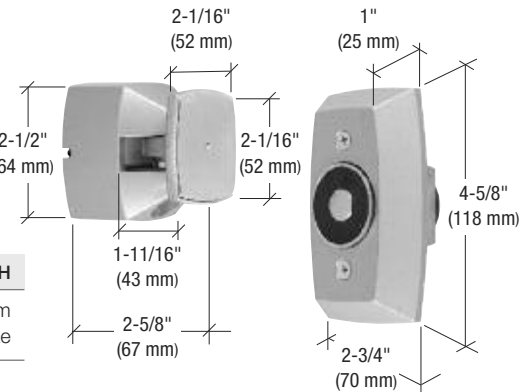
Specifications:

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	Painted Aluminum
998BRZ	Painted Dark Bronze

Minimum order: 1 each. Finishes can be combined for quantity pricing.



CRL E-Z Tone Door Chime

- No Electricity or Batteries Needed
- Easy Do-It-Yourself Installation

The E-Z Tone Door Chime can be easily installed on all types of doors and jambs. When the door is opened, a magnetic striker hits the chime bar and produces a pleasant, audible tone. Complete with "L" stop and installation instructions.

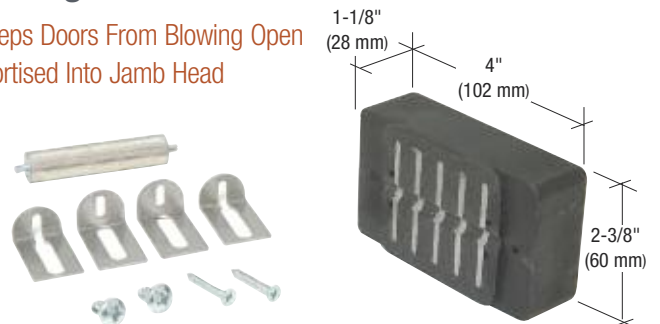


CAT. NO.	COLOR
TDK13GRY	Light Gray
TDK13BRZ	Bronze

Minimum order: 1 each.

CRL Magnetic Door Retainer

- Keeps Doors From Blowing Open
- Mortised Into Jamb Head



This CRL Magnetic Door Retainer has a molded plastic base that holds a magnet, and is mortised into the jamb head. A steel roller is then attached to the top center of the top rail. **NOTE:** Requires a jamb head deep enough to hold the 1-1/8" (28 mm) thick base. Minimum order is one each.

CAT. NO. 115445



6

PAGES
501Z - 516Z

Spider Fittings

Corner, Circular, and
Link Brackets

Fin Splice Fittings

Heavy-Duty Spider Fittings

Mini Spider Fittings

Post Mount Fittings

Regular Duty Spider Fittings

Replacement Gasket Sets

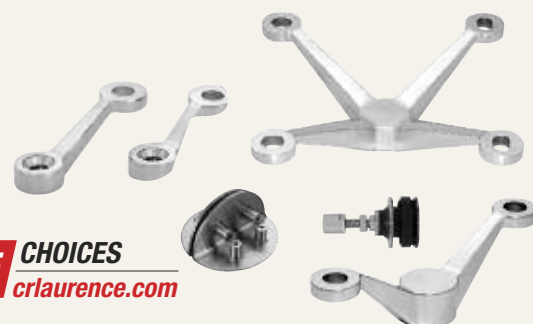
Replacement Stud Sets

Rigid and Swivel Head Glass
Attachments

Single Arm, Double Arm,
Three Arm, and Four Arm Fittings

Stock and Custom Post Adaptors

Wall/Fin Mount Fittings



These products and more can be found in this catalog section. On the top and 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 **More Choices** in that category. To view **More Choices**, simply click on the red and white icon to be taken to a larger selection.

MORE CHOICES
crlaurence.com

CRL Heavy-Duty Spider Fittings

PAGES 501Z-506Z

- 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
- Post and Fin Mount Models
- Single Arm, Double Arm, Three Arm and Four Arm Models

'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. 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 a modest fee.



CRL Regular Duty Spider Fittings

PAGES 507Z-513Z

- Combination Glass Attachments for Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass, and 9/16" (13.52 mm) Laminated Tempered Glass
- Single Arm, Double Arm, Three Arm, and Four Arm Models
- For Mounting to Posts, Walls, or Fins

Our line of Regular Duty Spider Fittings can be used for glass walls and canopies. We have one, two, three, and four arm fittings that can be mounted to posts, structural walls or fins. All CRL Spider Fittings and Glass Attachments are made of 316 Grade Stainless Steel to provide a virtually maintenance free design and beautiful finish to complement most of any décor.



CRL Mini Spider Fittings

PAGES 514Z-516Z

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- Single Arm, Double Arm, and Four Arm Fittings Available
- Combination Glass Attachments



- Post Adapters

Our expanded line of Spider Fittings includes Mini Spider Fittings for use in interior dividers, displays, and hand railing applications. 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 that can be used for any of these fittings. The Rigid Combination Attachment would be used in areas where movement of the glass (deflection) needs to be minimized. The Swivel Combination Attachment 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.



A Large Stock Selection of Tested Spider Fittings for Every Type of Installation

- Heavy-Duty, Regular Duty, and Mini Spiders Available
- Designed for the 'All-Glass' Look
- Made of 316 Grade Stainless Steel
- For Mounting to Posts, Walls, and Column Fins
- Use Mini Spiders for Hand Rails, Guard Rails, and Awnings



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 a modest fee.

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 7700. You can also send e-mail to architectural@crlaurence.com.



CRL Technical Information and Design Advice

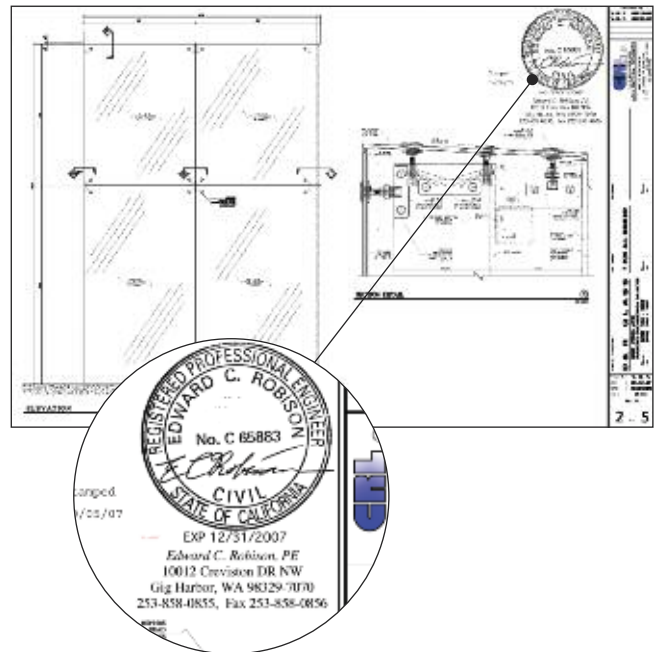
The first step in designing any façade that uses Spider Fittings is to discuss the general design. Our Technical Sales Representatives will be glad to go over the job requirements with you to gather enough information to create a quotation.

CRL Technical Drawings

The next step in the process is to create technical drawings and submit all the information required by the structural engineer to evaluate the system so that the customer and architect will approve it. CRL provides this design and layout phase at a reasonable price to our customers when accompanied with a purchase order for the system.

CRL Calculations and Structural Engineering

The final step in the process is to get a structural engineer's approval and supporting calculations on a stamped set of drawings. You can use your own structural engineer, or CRL can recommend one that has previously worked with this product line to assist you. **NOTE:** The structural engineer must be licensed in the state that the job is being completed. Critical weather conditions, such as hurricanes, might result in additional support being required (such as tension rods or cable tensioning) to meet the local building requirements. Unfortunately, unforeseen issues that are discovered during the engineering phase may require revised or additional shop drawings and may also affect the original quotation. Because of the critical nature of a Spider Fitting façade, the more detailed information acquired during the first step of the process will help to avoid costly additions later.



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 Tempered Glass
- Spiders for Mounting to Posts, Walls or Fins
- Designed for the 'All-Glass' Look
- 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 Grade Stainless Steel



or



or



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 Ext. 7700.
You can also send e-mail to architectural@crlaurence.com.

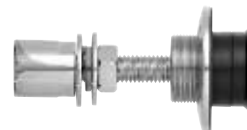
CRL Combination Glass Attachments

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered Glass, and 1-1/4" (32 mm) Insulating Tempered 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.

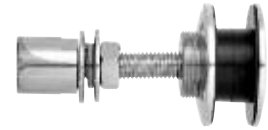
The head of the Swivel Head Glass Attachment can tilt up to 6 degrees in any direction on its ball and socket joint. This allows for any stress applied to the glass to be more evenly distributed across the entire panel of glass rather than concentrating at the hole. These are typically used in conditions where the glass will be subject to live loads. Model HS1GF14 is designed for use with 1-1/4" (32 mm) insulating tempered glass units only.

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.

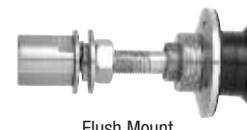


HRF14
Rigid Head

Flush Mount
(Countersunk hole in glass)



Cap Mount
(Standard hole through glass)



HSF14
Swivel Head

Flush Mount
(Countersunk hole in glass)



Cap Mount
(Standard hole through glass)



HSFEX14
Exterior Mount
Swivel Head

Cap Mount
(Standard hole through glass)



HS1GF14
Swivel Head
for 1-1/4" (32 mm)
Insulating Glass Only

Cap Mount
(Standard hole through I.G. glass using included Grommet)

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 Replacement Gasket Set for HRF Series Rigid Glass Attachments



CAT. NO.	MATERIAL
RRF14RW	Black Plastic

Minimum order: 1 each.

CRL Replacement Gasket Set for HSF Series Swivel Glass Attachments



CAT. NO.	MATERIAL
RSF14RW	Black Plastic

Minimum order: 1 each.

go to crlaurence.com to search for

spider-fittings

Search

or enter the Catalog Number for complete product information

502Z

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

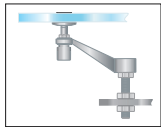
CRL
ALUMINUM

CRL Single Arm Heavy-Duty Post Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

This Single Arm Fitting is used to attach a single glass panel to a structural end post. Comes with a Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 502Z)



For dimensions go to crlaurence.com and search Cat. No. PMH1BS.

CAT. NO.	GRADE	FINISH
PMH1BS	316	Brushed Stainless
PMH1PS	316	Polished Stainless

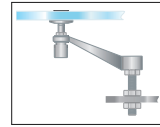
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Long Arm Heavy-Duty Post Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

This Long Arm Fitting is used to attach a single glass panel to structural end post and match other "V" fitting arms. Comes with Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 502Z)



For dimensions go to crlaurence.com and search Cat. No. PMH1LBS.

CAT. NO.	GRADE	FINISH
PMH1LBS	316	Brushed Stainless
PMH1LPS	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

or



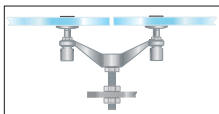
USE INSULATING TEMPERED GLASS

CRL Double Arm Heavy-Duty Post Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

This Double Arm Fitting is used to attach two inline glass panels to a structural center post. Comes with a Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 502Z)



For dimensions go to crlaurence.com and search Cat. No. PMH2BS.

CAT. NO.	GRADE	FINISH
PMH2BS	316	Brushed Stainless
PMH2PS	316	Polished Stainless

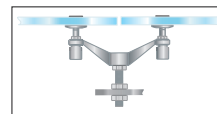
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm "V" Heavy-Duty Post Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

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 a Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 502Z)



For dimensions go to crlaurence.com and search Cat. No. PMH2VBS.

CAT. NO.	GRADE	FINISH
PMH2VBS	316	Brushed Stainless
PMH2VPS	316	Polished Stainless

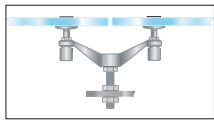
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Three Arm Heavy-Duty Post Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

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 a Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMH1LBS, PMH1LPS, PMH2VBS, PMH2VPS, PMH4BS or PMH4PS.



Glass Attachments Must Be Ordered Separately (see page 502Z)



For dimensions go to crlaurence.com and search Cat. No. PMH3BS.

CAT. NO.	GRADE	FINISH
PMH3BS	316	Brushed Stainless
PMH3PS	316	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm Heavy-Duty Post Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

This Four Arm Fitting is used to attach two inline glass panels to a structural center post. Comes with a Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMH1LBS, PMH1LPS, PMH2VBS, PMH2VPS, PMH3BS or PMH3PS.



USE MONOLITHIC TEMPERED GLASS

or

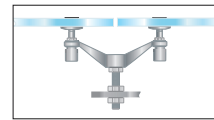


USE LAMINATED TEMPERED GLASS

or



USE INSULATING TEMPERED GLASS



Glass Attachments Must Be Ordered Separately (see page 502Z)



For dimensions go to crlaurence.com and search Cat. No. PMH4BS.

CAT. NO.	GRADE	FINISH
PMH4BS	316	Brushed Stainless
PMH4PS	316	Polished Stainless

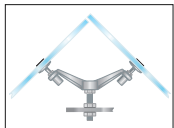
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm "V" 90 Degree Heavy-Duty Post Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

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 Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 502Z)



For dimensions go to crlaurence.com and search Cat. No. PMH2V90BS.

CAT. NO.	GRADE	FINISH
PMH2V90BS	316	Brushed Stainless
PMH2V90PS	316	Polished Stainless

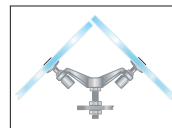
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL 4-Way Arm 90 Degree Heavy-Duty Post Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

This Four Arm Fitting is used to attach two 90 degree glass panels in the middle to a structural corner post. Comes with a Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 502Z)



For dimensions go to crlaurence.com and search Cat. No. PMH490BS.

CAT. NO.	GRADE	FINISH
PMH490BS	316	Brushed Stainless
PMH490PS	316	Polished Stainless

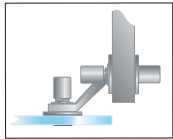
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Arm Heavy-Duty Wall/Fin Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

This Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 X 65 mm (2-9/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMH2BS or FMH2PS.



Glass Attachments Must Be Ordered Separately (see page 502Z)



For complete dimensions go to crlaurence.com and search Cat. No. FMH1BS.

CAT. NO.	GRADE	FINISH
FMH1BS	316	Brushed Stainless
FMH1PS	316	Polished Stainless

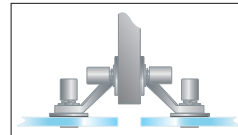
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm Heavy-Duty Wall/Fin Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

Use this Double Arm Fitting to attach two inline glass panels to a structural fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 X 65 mm (2-9/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMH1BS or FMH1PS.



Glass Attachments Must Be Ordered Separately (see page 502Z)



For complete dimensions go to crlaurence.com and search Cat. No. FMH2BS.

CAT. NO.	GRADE	FINISH
FMH2BS	316	Brushed Stainless
FMH2PS	316	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.



or



or

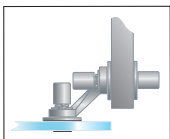


CRL Left Hand Single Arm Heavy-Duty Wall/Fin Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

This Fitting is used to attach a single glass panel to a wall or structural glass fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 X 65 mm (2-9/16") stainless steel threaded studs and four 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 502Z)

For complete dimensions go to crlaurence.com and search Cat. No. FMH1LHBS.

CAT. NO.	GRADE	FINISH
FMH1LHBS	316	Brushed Stainless
FMH1LHPS	316	Polished Stainless

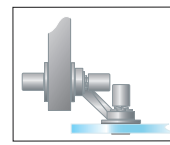
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Right Hand Single Arm Heavy-Duty Wall/Fin Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

This Fitting is used to attach a single glass panel to a wall or structural glass fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 X 65 mm (2-9/16") stainless steel threaded studs and four 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 502Z)

For complete dimensions go to crlaurence.com and search Cat. No. FMH1RHBS.

CAT. NO.	GRADE	FINISH
FMH1RHBS	316	Brushed Stainless
FMH1RHPS	316	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Replacement Stud Set for Post Mounted Spider Fittings

- M16-2.0 x 99.5 mm (3-15/16")

CAT. NO.	MATERIAL
M16SET	Stainless Steel

Minimum order: 1 each. All Spider Fittings and Stud Sets can be combined for quantity pricing.



CRL Replacement Stud Set for Fin Mounted Spider Fittings

- M10-1.5 x 65 mm (2-9/16")

CAT. NO.	FINISH
M10SETBS	Brushed Stainless
M10SETPS	Polished Stainless

Minimum order: 1 each. All Spider Fittings and Stud Sets can be combined for quantity pricing.



go to crlaurence.com to search for

spider-fittings

Search

or enter the Catalog Number for complete product information

505Z

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

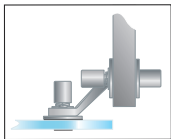
CRL
ALUMINUM

CRL Double Arm "V" Heavy-Duty Wall/Fin Mount Fitting

- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

This Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel threaded studs and four 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 502Z)



For dimensions go to crlaurence.com and search Cat. No. FMH2VBS.

CAT. NO.	GRADE	FINISH
FMH2VBS	316	Brushed Stainless
FMH2VPS	316	Polished Stainless

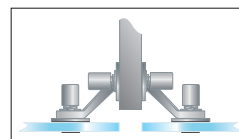
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm "V" Heavy-Duty Wall/Fin Mount Fitting

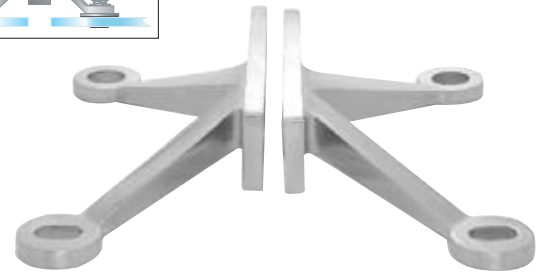
- For Use With 1/2" to 1-1/16" (12 to 27 mm) Tempered or Laminated Tempered Glass and 1-1/4" (32 mm) Insulating Glass

Use this Four Arm Fitting to attach two inline glass panels to a structural center fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") 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 502Z)



For dimensions go to crlaurence.com and search Cat. No. FMH4BS.

CAT. NO.	GRADE	FINISH
FMH4BS	316	Brushed Stainless
FMH4PS	316	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.



or



or



CRL Heavy-Duty Three Arm Fin Mount Pivot Bracket Only

- Available Right and Left Handed
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass and 9/16" (13.52 mm) Laminated Tempered Glass

CRL Stainless Steel Three Arm Fin Mount Heavy-Duty Pivot Bracket Only is used to connect a sidelite, and transom. Comes with two Cat. No. M10SETBS/PS M10-1.5 X 65 mm (2-9/16") stainless steel studs, and four matching caps with washers.

NOTE: Cat. No. AGTP1 Pivot Bearing must be ordered separately.



Glass Attachments Must Be Ordered Separately (see page 502Z)

Right Hand Model Shown

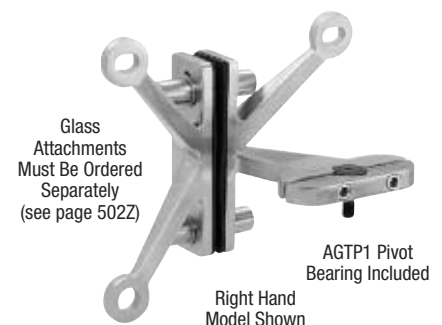
LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	GRADE	FINISH
FMHP40LHBS	FMHP40RHBS	316	Brushed Stainless

Minimum order: 1 each. All Spider fittings can be combined for quantity pricing.

CRL Heavy-Duty Three Arm Fin Mount Pivot Spider

- Includes AGTP1 Pivot Bearing
- Available Right and Left Handed
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass and 9/16" (13.52 mm) Laminated Tempered Glass

Use this CRL Three Arm Fin Mount Pivot Spider to connect a sidelite, transom and door. Comes with two Cat No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel studs, four matching caps, nuts with washers and one Cat. No. AGTP1 Pivot Bearing.



Glass Attachments Must Be Ordered Separately (see page 502Z)

AGTP1 Pivot Bearing Included

Right Hand Model Shown

LEFT HAND CAT. NO.	RIGHT HAND CAT. NO.	GRADE	FINISH
FMHP40LHBS	FMHP40RHBS	316	Brushed Stainless

Minimum order: 1 each. All Spider fittings can be combined for quantity pricing.



or



CRL Regular Duty Spider Fittings

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass, and 9/16" (13.52 mm) Laminated Tempered Glass
- Spiders for Mounting to Posts, Walls or Fins
- Designed for the 'All-Glass' Look
- 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 Grade Stainless Steel

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 7700. You can also send e-mail to architectural@crlaurence.com.



or



CRL Combination Glass Attachments

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass, and 9/16" (13.52 mm) Laminated 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.

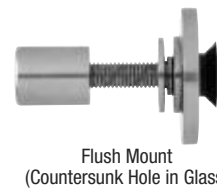
The head of the Swivel Glass Attachment can tilt up to 6 degrees in any direction on its ball and socket joint. This allows for any stress applied to the glass to be more evenly distributed across the entire panel of glass rather than concentrating at the hole. These are typically used in conditions 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.

RRF10 Rigid Head
To minimize the deflection of the glass panels.
One fitting for either Flush or Surface Mount Installations



RSF10 Swivel Head
Tilts up to 6 degrees in any direction.
One fitting for either Flush or Surface Mount Installations



RSFEX10 Exterior Mount Swivel Head
Tilts up to 6 degrees in any direction.
Surface Mount Installation



CRL Replacement Gasket Set for RRF10 Series Rigid Glass Attachments

CAT. NO.	MATERIAL
RRF10RW	Black Plastic

Minimum order: 1 each.



CRL Replacement Gasket Set for RSF10 Series Swivel Glass Attachments

CAT. NO.	MATERIAL
RSF10RW	Black Plastic

Minimum order: 1 each.

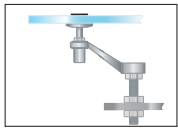


CRL Single Arm Regular Duty Post Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass, and 9/16" (13.52 mm) Laminated Tempered Glass
- 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 Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 507Z)



For complete dimensions go to crlaurence.com and search Cat. No. PMR1BS.

CAT. NO.	GRADE	FINISH
PMR1BS	316	Brushed Stainless
PMR1PS	316	Polished Stainless

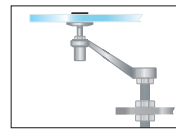
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Long Arm Regular Duty Post Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass, and 9/16" (13.52 mm) Laminated Tempered Glass
- 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 Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 507Z)



or



For complete dimensions go to crlaurence.com and search Cat. No. PMR1LBS.

CAT. NO.	GRADE	FINISH
PMR1LBS	316	Brushed Stainless
PMR1LPS	316	Polished Stainless

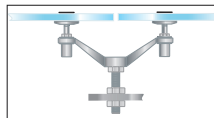
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm Regular Duty Post Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass, and 9/16" (13.52 mm) Laminated Tempered Glass
- 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 Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 507Z)



For dimensions go to crlaurence.com and search Cat. No. PMR2BS.

CAT. NO.	GRADE	FINISH
PMR2BS	316	Brushed Stainless
PMR2PS	316	Polished Stainless

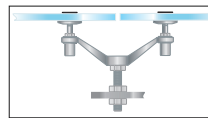
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm "V" Regular Duty Post Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass, and 9/16" (13.52 mm) Laminated Tempered Glass
- 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 a Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 507Z)



For dimensions go to crlaurence.com and search Cat. No. PMR2VBS.

CAT. NO.	GRADE	FINISH
PMR2VBS	316	Brushed Stainless
PMR2VPS	316	Polished Stainless

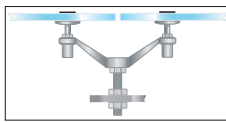
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Three Arm Regular Duty Post Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- 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 Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 507Z)



For dimensions go to crlaurence.com and search Cat. No. PMR3BS

CAT. NO.	GRADE	FINISH
PMR3BS	316	Brushed Stainless
PMR3PS	316	Polished Stainless

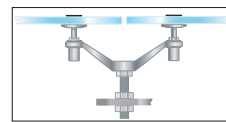
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm Regular Duty Post Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- 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 Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") stainless steel threaded stud and three matching nuts with washers.

For companion Fittings use Cat. Nos. PMR1LBS, PMR1LPS, PMR2VBS, PMR2VPS, PMR3BS or PMR3PS.



Glass Attachments Must Be Ordered Separately (See page 507Z)



For dimensions go to crlaurence.com and search Cat. No. PMR4BS.

CAT. NO.	GRADE	FINISH
PMR4BS	316	Brushed Stainless
PMR4PS	316	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.



or

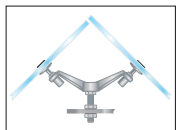


CRL Double Arm "V" 90 Degree Regular Duty Post Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- 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 Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 507Z)



For dimensions go to crlaurence.com and search Cat. No. PMR2V90BS.

CAT. NO.	GRADE	FINISH
PMR2V90BS	316	Brushed Stainless
PMR2V90PS	316	Polished Stainless

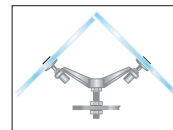
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm 90 Degree Regular Duty Post Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- 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 Cat. No. M16SET M16-2.0 x 99.5 mm (3-15/16") 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 507Z)



For dimensions go to crlaurence.com and search Cat. No. PMR490BS.

CAT. NO.	GRADE	FINISH
PMR490BS	316	Brushed Stainless
PMR490PS	316	Polished Stainless

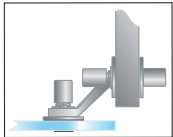
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Arm Regular Duty Wall/Fin Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- Complete With Hardware to Mount to Post or Column

This Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMR2BS or FMR2PS



Glass Attachments Must Be Ordered Separately (See page 507Z)



For dimensions go to crlaurence.com and search Cat. No. FMR1BS

CAT. NO.	GRADE	FINISH
FMR1BS	316	Brushed Stainless
FMR1PS	316	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm Regular Duty Wall/Fin Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- Complete With Hardware to Mount to Post or Column

Use this Double Arm Fitting to attach two inline glass panels to a structural fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMR1BS or FMR1PS.



Glass Attachments Must Be Ordered Separately (See page 507Z)



For dimensions go to crlaurence.com and search Cat. No. FMR2BS.

CAT. NO.	GRADE	FINISH
FMR2BS	316	Brushed Stainless
FMR2PS	316	Polished Stainless

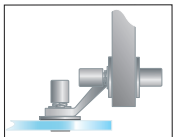
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Left Hand Single Arm Regular Duty Wall/Fin Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- Complete With Hardware to Mount to Post or Column

This fitting is used to attach a single glass panel to a wall or structural glass fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel threaded studs and four 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 507Z)



For dimensions go to crlaurence.com and search Cat. No. FMR1LHBS.

CAT. NO.	GRADE	FINISH
FMR1LHBS	316	Brushed Stainless
FMR1LHPS	316	Polished Stainless

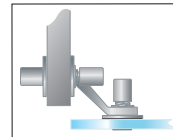
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Right Hand Single Arm Regular Duty Wall/Fin Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- Complete With Hardware to Mount to Post or Column

This fitting is used to attach a single glass panel to a wall or structural glass fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel threaded studs and four 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 507Z)



For dimensions go to crlaurence.com and search Cat. No. FMR1RHBS.

CAT. NO.	GRADE	FINISH
FMR1RHBS	316	Brushed Stainless
FMR1RHPS	316	Polished Stainless

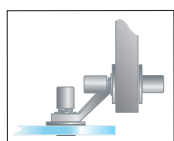
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm "V" Regular Duty Wall/Fin Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- Complete With Hardware to Mount to Post or Column

This Fitting is used to attach a single glass panel to a wall or structural fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel threaded studs and four 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 507Z)



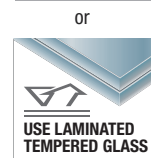
For dimensions go to crlaurence.com and search Cat. No. FMR2VBS.

CAT. NO.	GRADE	FINISH
FMR2VBS	316	Brushed Stainless
FMR2VPS	316	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

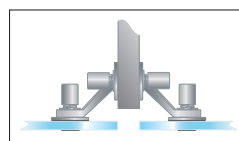
CRL Four Arm "V" Regular Duty Wall/Fin Mount Fitting

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- Complete With Hardware to Mount to Post or Column

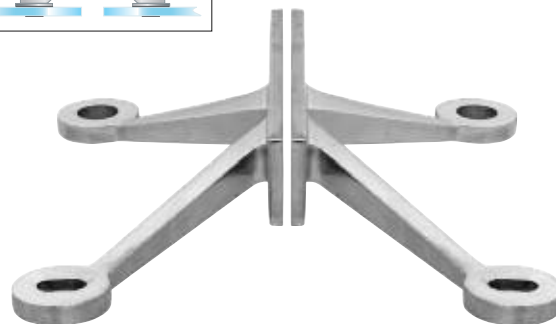


Use this Four Arm Fitting to attach two inline glass panels to a structural center fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. FMR1LHBS, FMR1LHPS, FMR1RHBS, FMR1RHPS, FMR2VBS or FMR2VPS.



Glass Attachments Must Be Ordered Separately (See page 507Z)



For dimensions go to crlaurence.com and search Cat. No. FMR4BS.

CAT. NO.	GRADE	FINISH
FMR4BS	316	Brushed Stainless
FMR4PS	316	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Replacement Stud Set for Post Mounted Spider Fittings

- M16-2.0 X 99.5 MM (3-15/16")



CAT. NO.	MATERIAL
M16SET	Stainless Steel

Minimum order: 1 each. All Spider Fittings and Stud Sets can be combined for quantity pricing.

CRL Replacement Stud Set for Fin Mounted Spider Fittings

- M10-1.5 X 65 MM (2-9/16")

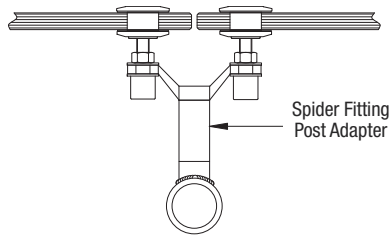


CAT. NO.	FINISH
M10SETBS	Brushed Stainless
M10SETPS	Polished Stainless

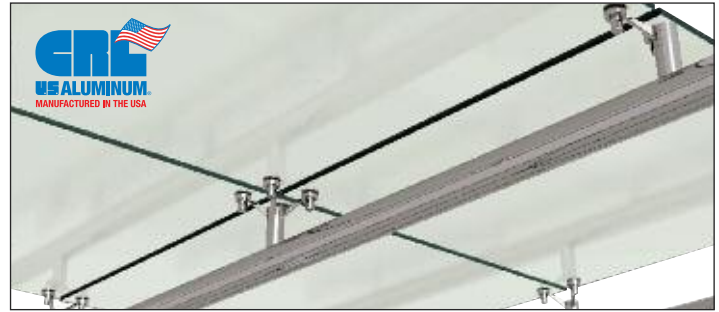
Minimum order: 1 each. All Spider Fittings and Stud Sets can be combined for quantity pricing.

CRL Spider Fitting Post Adapters (Custom Length)

- Available for Round or Flat Posts
- Made Custom Length to Your Specifications



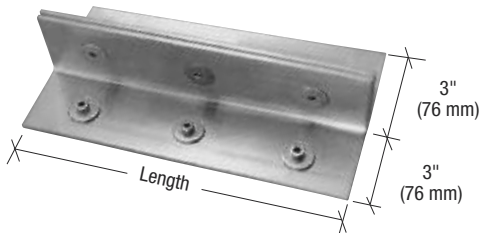
Adapters are to be welded to Posts and are drilled and tapped to accept mounting hardware supplied with Spider Fittings. Available in two diameters, 1-1/2" (38 mm) for Regular Duty, and 2" (51 mm) for Heavy-Duty Spider Fittings.



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



USE MONOLITHIC TEMPERED GLASS

or



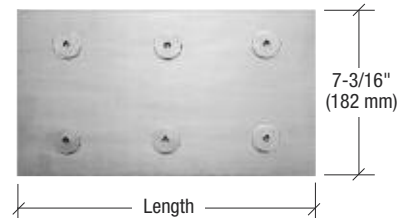
USE LAMINATED TEMPERED GLASS

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
FTF12PS	12" (305 mm)	Polished Stainless
FTF16BS	16" (406 mm)	Brushed Stainless
FTF24BS	24" (610 mm)	Brushed Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

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 Link Bracket

Used to connect two 1/2" (12 mm) inline glass panels together to reduce differential deflection. Supplied with two glass connecting screws.

Specifications:

For Use With:

1/2" (12 mm) Tempered Glass

Do Not Use With:

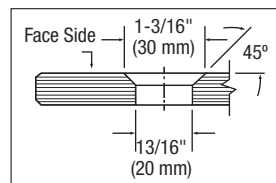
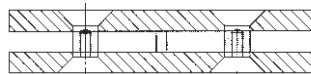
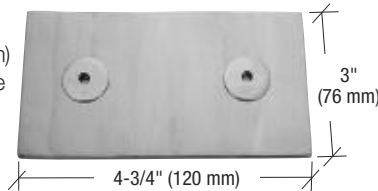
Annealed or Raw Glass

Glass Fabrication Required:

One Countersunk Hole Per Glass Fastening for Countersunk Screws (See Diagram at Right), or One 15/16" (23 mm) Standard Hole for Fin Securing Bolt

Templates:

Available on Request for Each Fitting

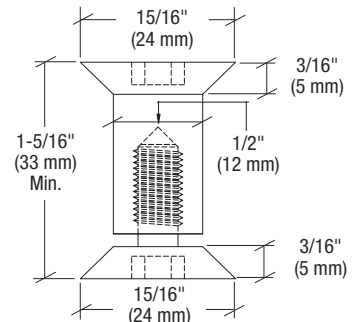


CAT. NO.	FINISH
CLB1BS	Brushed Stainless
CLB1PS	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Stainless Steel Sex Bolt

- Thread Size is M8 x 1.25 Pitch



Stainless Steel Sex Bolts are countersunk for use with Cat. No. FTF12, FTF16, FTF24, FSF12, FSF16, and CLB1 Fittings and Brackets.

CAT. NO.	FINISH	QTY/BOX
M8SBSS	Brushed Stainless	10

Minimum order: 1 box.

CRL North American Bottom Gate Patch Fitting

- 2-3/4" (70 mm) North American Pivot Setback
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

GLASS FABRICATION REQUIRED:

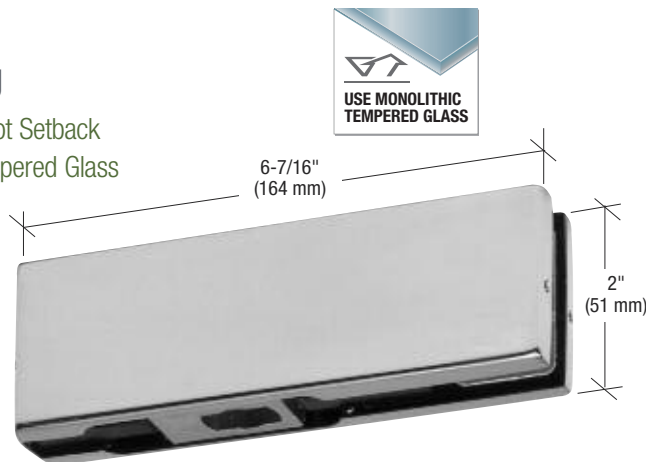
One 3/4" (19 mm) Diameter Hole and Corner Notch

COMES WITH:

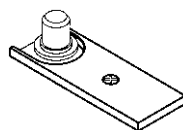
Template and Instructions



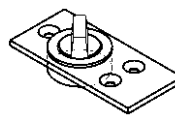
1NT301 Insert
(Included)



Works With:



1NT403
Adjustable Bottom
Free-Swinging Pivot



1NT402
Bottom
Free-Swinging Pivot



1NT406
Adjustable Bottom
Free-Swinging Pivot



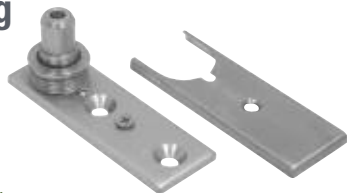
CRL8300, CRL8400,
CRL8500, and J990 Series
Floor Closers

CAT. NO.	GRADE OF COVERS	FINISH
PH10CBS	304	Brushed Stainless
PH10CPS	304	Polished Stainless

Minimum order: 1 each. All Patch Fittings can be combined for quantity pricing.

CRL Adjustable Free-Swinging Bottom Pivot

- Has 3/16" (5 mm) Height Adjustment
- Can be Floor or Threshold Mounted



CAT. NO. 1NT403
Minimum order is one each.

NOTE: Not For Pool Applications

CRL Free-Swinging Bottom Pivot

- 7/8" (22 mm) Flat Tapered Spindle
- For Use With Bottom Patches and Rails



CAT. NO. 1NT402
Minimum order is one each.

NOTE: Not For Pool Applications

CRL Adjustable Free-Swinging Bottom Pivot

- Flat Tapered Spindle
- Provides 1/4" (6 mm) Height Adjustable



CAT. NO. 1NT406
Minimum order is one each.

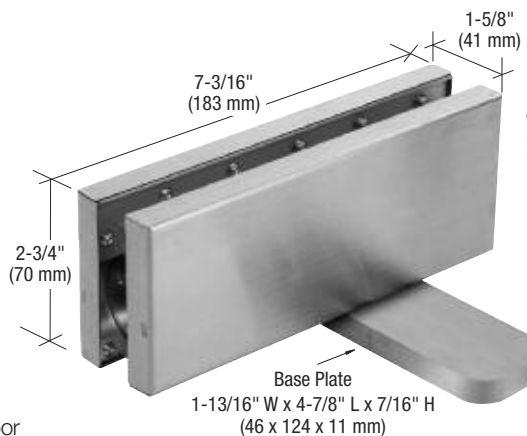
NOTE: Not For Pool Applications

CRL Bottom Hydraulic Patch Fitting

- 2-9/16" (65 mm) European Pivot Setback
- For Interior Use Only
- Adjustable Closing and Latching Speed
- Self-Closing
- Hold-Open and No Hold-Open Models Available
- Brushed and Polished Stainless Steel Cover Plates
- For 3/8" or 1/2" (10 or 12 mm) Tempered Glass

The **NEW** CRL Bottom Hydraulic Patch Fitting is designed to eliminate the need to cut into the floor to install a conventional floor closer. Simply install by anchoring the base plate to the substrate. These double acting Patch Fittings can accommodate interior gates up to 176 pounds (80 kg), and feature a self-closing mechanism with adjustable closing and latching speed. Also available with a 90 degree hold-open function. Glass fabrication is required.

***NOTE:** 90 Degree Hold-Open Model is not for pool applications.



Glass Fabrication Required



NOTE: 2-9/16" (65 mm) European Setback is Standard, With 2-3/4" (70 mm) North American Setback Achievable Using Alternate Glass Fabrication

CAT. NO.	DESCRIPTION	FINISH
CRL380BS	No Hold-Open Hydraulic Patch	Brushed Stainless
CRL380PS	No Hold-Open Hydraulic Patch	Polished Stainless
CRL380HBS	*90 Degree Hold-Open Hydraulic Patch	Brushed Stainless
CRL380HPS	*90 Degree Hold-Open Hydraulic Patch	Polished Stainless

Minimum order: 1 each Patch Body. 1 pair Patch Covers. *Hold-Open Model not for pool applications.

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" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass
- Designed for the 'All-Glass' Look
- Flush Mount or Cap Mount Glass Attachments, Rigid and Swivel Head Styles Available
- Made of 316 Grade Stainless Steel



or

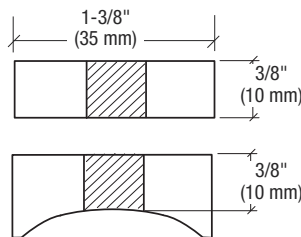


For additional product information, go to crlaurence.com/spider-fittings. For technical assistance contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Extension 7700. You can also send e-mail to architectural@crlaurence.com.

CRL Post Adapters

- Designed for Round or Flat Posts
- 3/8" (10 mm) Deep Threaded Hole to Provide 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.

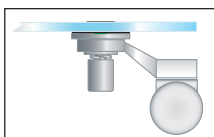


CRL Single Arm Mini Post Mount Fitting

- Compact Design for Minimal Obstruction
- Complete With Hardware to Mount to Post

This CRL Single Arm Mini Post Mount Fitting is used to attach a single glass panel to a structural end post. Comes with one Cat. No. RBEB2BS/PS 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 516Z)

For dimensions go to crlaurence.com and search Cat. No. GRP1BS.

CAT. NO.	GRADE	FINISH
GRP1BS	316	Brushed Stainless
GRP1PS	316	Polished Stainless

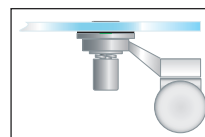
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Long Arm Mini Post Mount Fitting

- Longer Arm to Match "V" Fittings
- Complete With Hardware to Mount to Post

This CRL Single Long Arm Mini Post Mount Fitting is used to attach a single glass panel to a structural end post. Comes with one Cat. No. RBEB2BS/PS 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

For companion Fitting use Cat. No. GRP2VBS, GRP2VPS, GRP4BS or GRP4PS.



Glass Attachments Must Be Ordered Separately (See page 516Z)

For dimensions go to crlaurence.com and search Cat. No. GRP1LBS.

CAT. NO.	GRADE	FINISH
GRP1LBS	316	Brushed Stainless
GRP1LPS	316	Polished Stainless

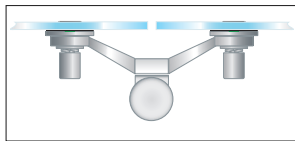
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double 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 two inline glass panels to a structural center post. Comes with one Cat. No. RBEB2BS/PS 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

For companion Fittings use Cat. No. GRP1BS or GRP1PS.



Glass Attachments Must Be Ordered Separately (See page 516Z)



For complete dimensions go to crlaurence.com and search Cat. No. GRP2BS.

CAT. NO.	GRADE	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" Mini 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 Cat. No. RBEB2BS/PS 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

For companion Fittings use Cat. No. GRP1LBS or GRP1LPS.

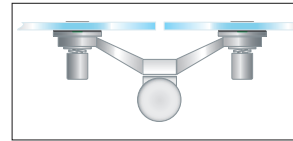


USE MONOLITHIC TEMPERED GLASS

or



USE LAMINATED TEMPERED GLASS



Glass Attachments Must Be Ordered Separately (See page 516Z)



For complete dimensions go to crlaurence.com and search Cat. No. GRP2VBS.

CAT. NO.	GRADE	FINISH
GRP2VBS	316	Brushed Stainless
GRP2VPS	316	Polished Stainless

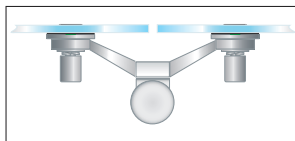
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Four Arm "V" 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 Cat. No. RBEB2BS/PS 3/8"-16 x 2" (51 mm) long stainless steel threaded stud for proper attachment.

For companion Fittings use Cat. No. GRP2VBS or GRP2VPS.



Glass Attachments Must Be Ordered Separately (See page 516Z)



For complete dimensions go to crlaurence.com and search Cat. No. GRP4BS.

CAT. NO.	GRADE	FINISH
GRP4BS	316	Brushed Stainless
GRP4PS	316	Polished Stainless

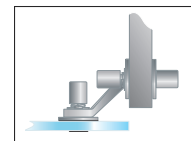
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Single Arm 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 Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. No. GRF2BS or GRF2PS.



Glass Attachments Must Be Ordered Separately (See page 516Z)



For complete dimensions go to crlaurence.com and search Cat. No. GRF1BS.

CAT. NO.	GRADE	FINISH
GRF1BS	316	Brushed Stainless
GRF1PS	316	Polished Stainless

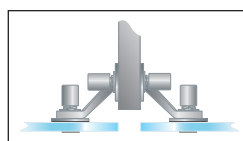
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double Arm Mini Wall/Fin Mount Fitting

- Compact Design for Minimal Obstruction
- Complete With Hardware to Mount to Wall or Structural Fin

This Wall/Fin Mount Fitting is used to attach two inline glass panels to a structural fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") 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 complete dimensions go to crlaurence.com and search Cat. No. GRF2BS.

CAT. NO.	GRADE	FINISH
GRF2BS	316	Brushed Stainless
GRF2PS	316	Polished Stainless

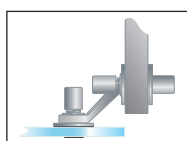
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Double 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 a single glass panel to a wall or structural fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") stainless steel threaded studs and four matching cap nuts with washers.

For companion Fittings use Cat. Nos. GRF4BS or GRF4PS.



Glass Attachments Must Be Ordered Separately (See below)



For complete dimensions go to crlaurence.com and search Cat. No. GRF2VBS.

CAT. NO.	GRADE	FINISH
GRF2VBS	316	Brushed Stainless
GRF2VPS	316	Polished Stainless

Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.



or

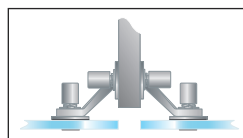


CRL Four Arm "V" Mini Wall/Fin Mount Fitting

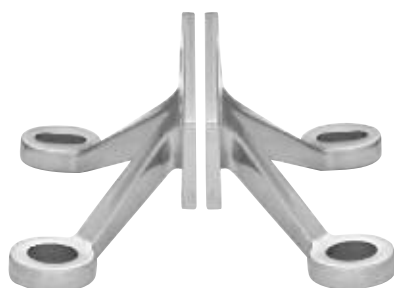
- Classic "V" Look
- Complete With Hardware to Mount to Wall or Structural Fin

This Wall/Fin Mount Fitting is used to attach two inline glass panels to a structural center fin. Comes with two Cat. No. M10SETBS/PS M10-1.5 x 65 mm (2-9/16") 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 (See to the right)



For complete dimensions go to crlaurence.com and search Cat. No. GRF4BS.

CAT. NO.	GRADE	FINISH
GRF4BS	316	Brushed Stainless
GRF4PS	316	Polished Stainless

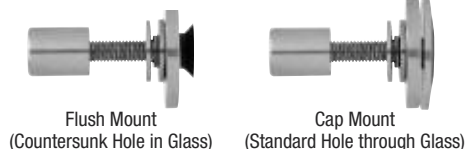
Minimum order: 1 each. All Spider Fittings can be combined for quantity pricing.

CRL Combination Glass Attachments

- For Use With 3/8" or 1/2" (10 or 12 mm) Tempered Glass or 9/16" (13.52 mm) Laminated Tempered Glass

RRF10 Rigid Head

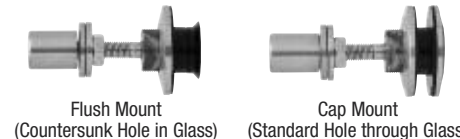
To minimize the deflection of the glass panels.
One Fitting for either Flush or Surface Mount installations



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 499Z for replacement gaskets and stud sets.



7

Office Partition Systems

PAGES
517Z - 548Z

250/400/550 Series
Aluminum Framed Doors

487 Series
Door Frame Kits

487 Series
Double Glazed System **NEW!**

487 Series Extrusions

487 Series
Partition Accessories

487 Series "Positive Pressure"
20 Minute Fire Rated Door Frames

487 Series
Offset Glazed System

Cascade Office
Partition System **NEW!**

Clear View Office
Partition System **NEW!**

Commercial Door Locks

EZ Glaze Soundstrip **NEW!**

Fallbrook Series Office
Partition System **NEW!**

Wood Flush Doors



These products and more can be found in this catalog section. On the top and 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 **More Choices** in that category. To view **More Choices**, simply click on the red and white icon to be taken to a larger selection.

MORE CHOICES
crlaurence.com



CRL 487 Series Office Partitions

PAGES 517Z-532Z

- Center Glazed Partitions
- Extrusions
- Integrated Top Hung Sliding Doors
- AR Series Double Glaze Partition System
- 3" Offset Glazed System
- Accessories, Clips, and Gaskets



CRL Office Partition Doors and Frames

PAGES 533Z-537Z

- CRL 250, 400 and 550 Series Aluminum Doors
- CRL Wood Flush Doors
- 487 Series Door Frame Kits
- "Positive Pressure" 20 Minute Fire Rated Frames



CRL Commercial Door Locks

PAGES 538Z-541Z

- Cylindrical Lever Locks and Mortise Lever Locks
- Heavy-Duty Mortise Lever Lock Set
- Dead Latches, Spring Latches, and Strikes
- Glass Lever Lock Housings



CRL Fallbrook Office Partition System

PAGES 542Z-543Z

- Standard Series For Monolithic Tempered Glass
- XL Series for Monolithic Doors and Insulated Glass Sidelites
- XL Series For Noise and Sound Reduction Requirements



CRL Clear View and Cascade Office Partition Systems

PAGES 544Z-545Z

- Clear View Office Partition System With Full-Length Door Rails
- Cascade Office Partition System With Minimal Hardware for Maximum Natural Light Transmission



CRL Butt Glazing Products

PAGES 546Z-548Z

- EZ Glaze Soundstrip
- Clear Copolymer Strips
- Water Clear Silicone Sealant
- 33S Acetic Cure Silicone
- RTV408 Neutral Cure Silicone
- Vacuum Ratchet and Turnbuckle Tensioning Kit



CRL 487 Series Office Partitions

- Center, Offset Glazed or Double 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" 20 Minute Fire Rated Frames
- For Use With Labeled Wood Doors
- Stock Lengths Available for On Site Fabrication
- Fully Fabricated Frames Available for Fast and Easy Installation
- Contributes to LEED® Certification Ratings



OR



LEED®

U.S. ALUMINUM™
INTERIOR PRODUCTS

ARCHITECTURAL SPECIFICATIONS



Our 487 Series Office 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 Office 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 Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also email us at partitions@crlaurence.com.

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.**
(See Page 108Z)

LEED is a registered trademark of U.S. Green Building Council Corporation

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

517Z

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



CRL 487 Series Center Glazed Office Partitions



- Center Glazed - Accepts 1/4", 3/8", 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing
- "Positive Pressure" 20 Minute Fire Rated Frames Available for Use With Labeled Wood Doors
- Standard Size Door Frames In Stock
- Stock Lengths Available for On Site Fabrication
- Screw Spline or Clip Joinery
- 1", 1-1/2", or 2" (25, 38, or 51 mm) Face Trim



or



ARCHITECTURAL SPECIFICATIONS



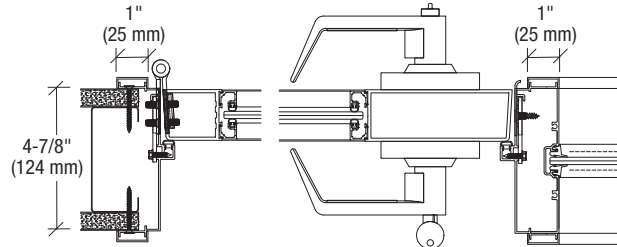
The 487 Series System accepts a variety of glass thicknesses for center glazed applications. Throat size is designed fit over 4-7/8" (124 mm) thick walls, but can easily be converted for surface mount applications. Standard frames are prepped for 4-1/2" x 4-1/2" (114 x 114 mm) butt hinges. The 2" (51 mm) face trim door frames 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 department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also email us at partitions@crlaurence.com.

487 Series 1" (25 mm) Trim Center Glazed

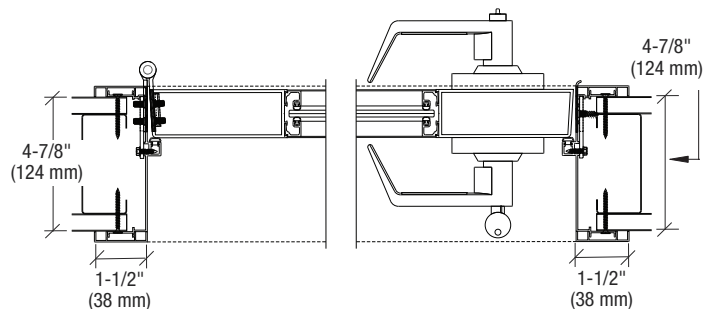
U.S. ALUMINUM™
INTERIOR PRODUCTS

- 7/16" (11 mm) Frame Reveal
- Eliminates Need to Notch Trim Around Door Hardware



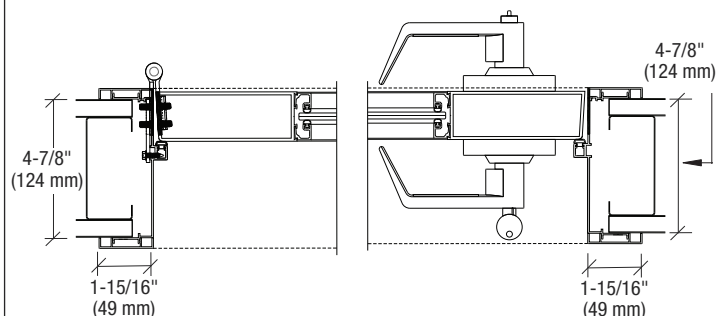
487 Series 1-1/2" (38 mm) Trim Center Glazed

- Standard Size Door Frames in Stock
- For Use With Wood or Aluminum Doors



487 Series 2" (51 mm) Trim Center Glazed

- Available for Use With Concealed Overhead Closers On Glass Doors
- Standard Frames for Use With Wood or Aluminum Doors



CRL 487 Series Office 1-1/2" Trim Center Glazed Partition System



U.S. ALUMINUM™
INTERIOR PRODUCTS

- 1-1/2" (38 mm) Face Trim
- Accommodates 4-7/8" (124 mm) Wall Thickness
- Center Glazed Available for 1/4", 3/8", 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing
- Designed for Top Load Gaskets
- Clear, Dark Bronze, and Black Anodized Finishes
- Custom Finishes Available Upon Request

OUR MOST
POPULAR
PARTITION SYSTEM



or



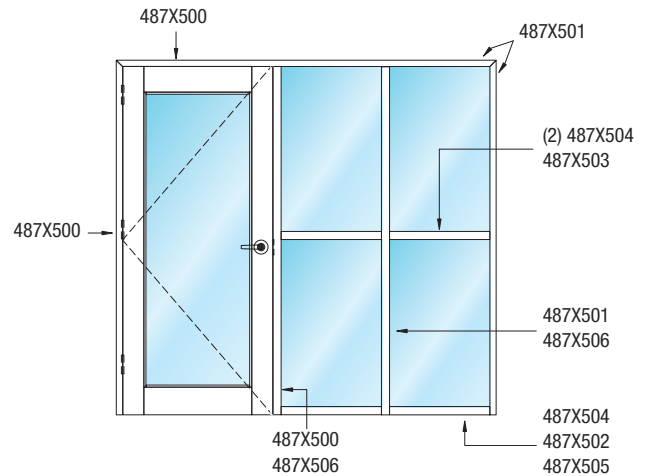
ARCHITECTURAL
SPECIFICATIONS



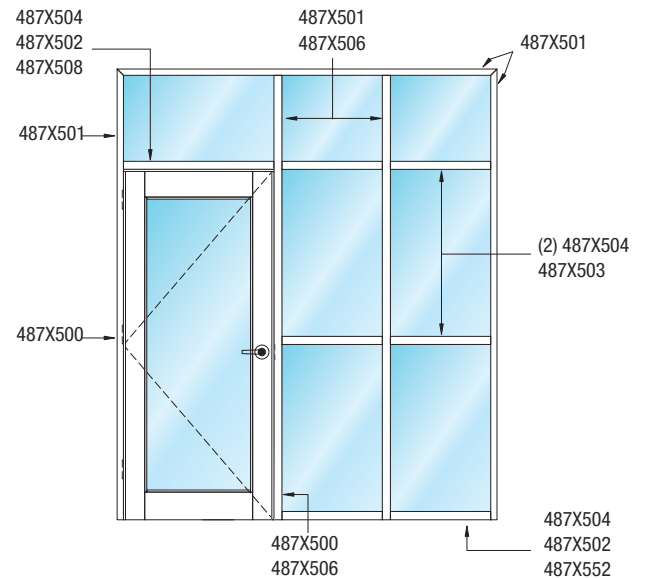
487 Series 1-1/2" (38 mm) Trim Center Glazed Office Partition Extrusions are available in stock length form for many applications including Door Frames, Sidelites, Borrowed Lites, and Cased Openings. The unique framing members are designed for both clip joinery for quick on site installation, and screw spline assembly for shop fabrication. This allows 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 Fabricated Door Frames see page 533Z.

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. Ask for Ext. 7770. You can also email us at partitions@crlaurence.com.



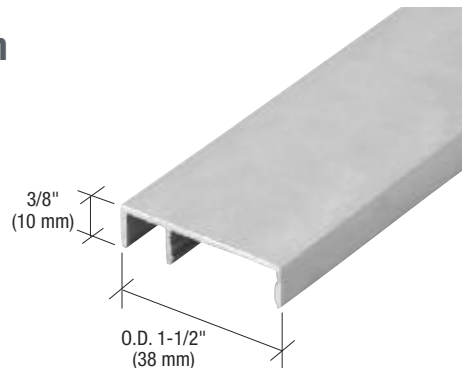
Series 487
1-1/2" Trim 487X015 Center Glazed



Series 487
1-1/2" Trim 487X015 Center Glazed with Transom

1-1/2" 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.

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

519Z

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



CRL 487 Series 1" or 2" Trim Center Glazed Office Partition Systems



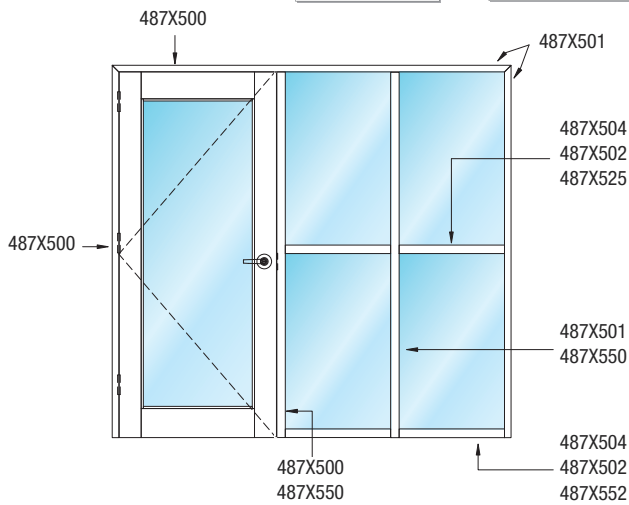
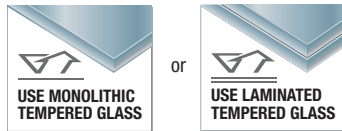
U.S. ALUMINUM™
INTERIOR PRODUCTS

ARCHITECTURAL
SPECIFICATIONS

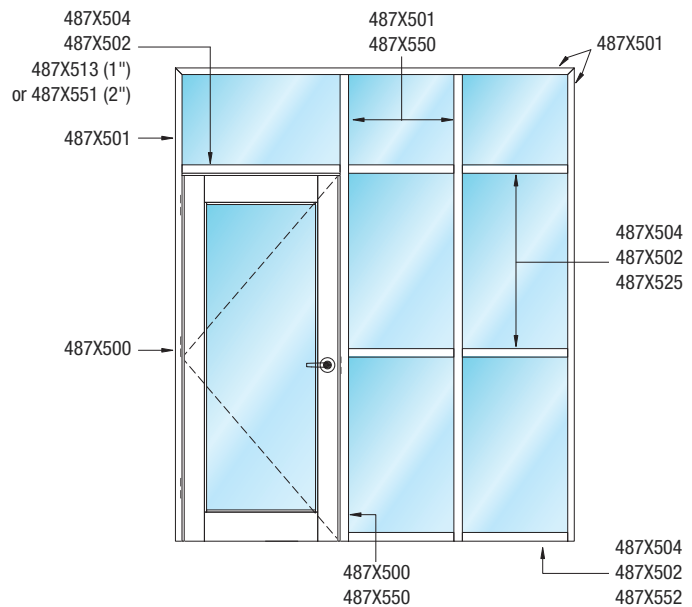
- Accommodates 4-7/8" (124 mm) Wall Thickness
- Center Glazed Available for 1/4", 3/8", 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing
- Designed for Top Load Gaskets
- Clear, Dark Bronze, and Black Anodized Finishes
- Custom Finishes Available Upon Request

487 Series 1" or 2" (25 or 51 mm) Trim Center Glazed Office Partition Extrusions are available in stock length form for many applications including Door Frames, 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. This allows 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 Fabricated Door Frames see page 533Z.

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. Ask for Ext. 7770. You can also email us at partitions@crlaurence.com.



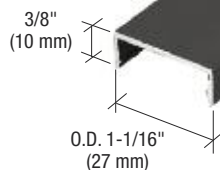
Series 487
1" or 2" Trim Center Glazed



Series 487
1" or 2" Trim Center Glazed with Transom

1" Face Trim

- Snaps Into Place to Conceal Fasteners



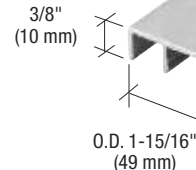
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X00111	Clear Anodized
487X00122	Dark Bronze Anodized
487X00133	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

2" Face Trim

- Snaps Into Place to Conceal Fasteners



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X00211	Clear Anodized
487X00222	Dark Bronze Anodized
487X00233	Black Anodized

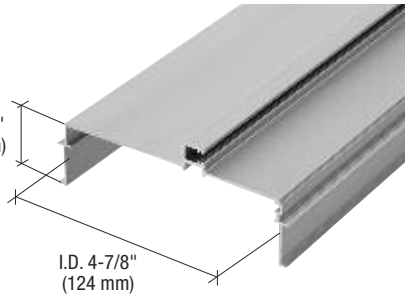
Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

CRL 487 Series Center Glazed Office Partition Extrusions

U.S. ALUMINUM™
INTERIOR PRODUCTS

CRL Door Frame Jamb/Head

- Used With 1-1/2" or 2" (38 or 51 mm) Face Trim
- Used With NP600 Stop Gasket (See Page 532Z)



NEW!

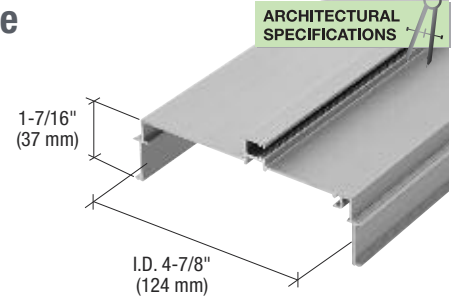
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X50011	1-1/2" or 2" (38 or 51 mm) Face Trim	Clear Anodized
487X50022	1-1/2" or 2" (38 or 51 mm) Face Trim	Dark Bronze Anodized
487X50033	1-1/2" or 2" (38 or 51 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Door Frame Jamb/Head

- Used With 1" (25 mm) Face Trim
- Used With NP600 Stop Gasket (See Page 532Z)



NEW!

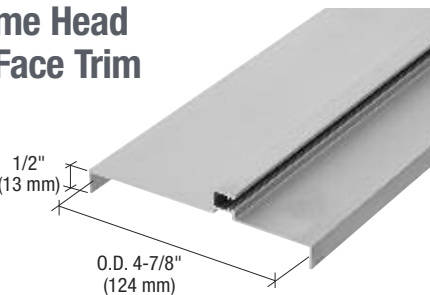
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X51211	1" (25 mm) Face Trim	Clear Anodized
487X51222	1" (25 mm) Face Trim	Dark Bronze Anodized
487X51233	1" (25 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Transom Frame Head Insert for 1-1/2" Face Trim

- Used With 487X500 Door Jamb (See Above), 487X502 Glazing Base and 487X504 Glazing Stop (See Page 522Z)



NEW!

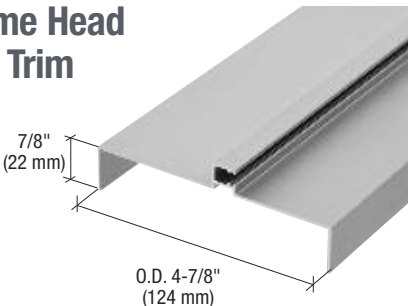
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X50811	1-1/2" (38 mm) Face Trim	Clear Anodized
487X50822	1-1/2" (38 mm) Face Trim	Dark Bronze Anodized
487X50833	1-1/2" (38 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Transom Frame Head Insert for 1" Face Trim

- Used With 487X512 Door Jamb (See Above), 487X502 Glazing Base and 487X504 Glazing Stop (See Page 522Z)



NEW!

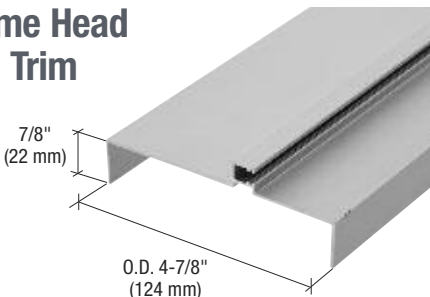
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X51311	1" (25 mm) Face Trim	Clear Anodized
487X51322	1" (25 mm) Face Trim	Dark Bronze Anodized
487X51333	1" (25 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Transom Frame Head Insert for 2" Face Trim

- Used With 487X500 Door Jamb (See Above), 487X502 Glazing Base and 487X504 Glazing Stop (See Page 522Z)



NEW!

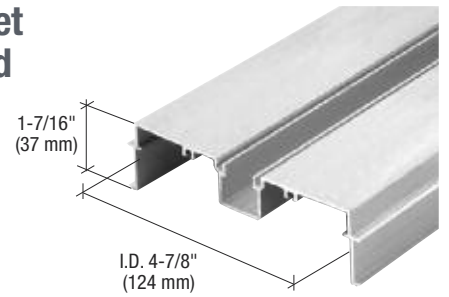
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X55111	2" (51 mm) Face Trim	Clear Anodized
487X55122	2" (51 mm) Face Trim	Dark Bronze Anodized
487X55133	2" (51 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Deep Pocket Wall Jamb/Head

- For Use as Intermediate Verticals With 487X506 or 487X550 (See Page 523Z)



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X50111	All Face Trim Sizes	Clear Anodized
487X50122	All Face Trim Sizes	Dark Bronze Anodized
487X50133	All Face Trim Sizes	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

521Z

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

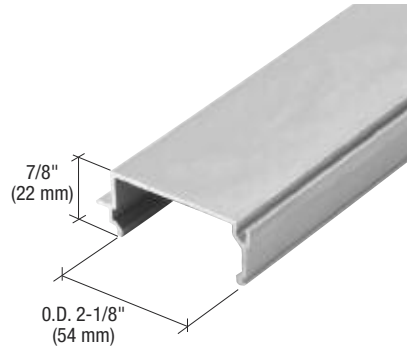
CRL
U.S. ALUMINUM

CRL 487 Series Center Glazed Office Partition Extrusions

U.S. ALUMINUM™
INTERIOR PRODUCTS

CRL Glazing Stop

- Easily Snaps Into Place
- Used With 487X502 and 487X503 Bases (See Right and Below)



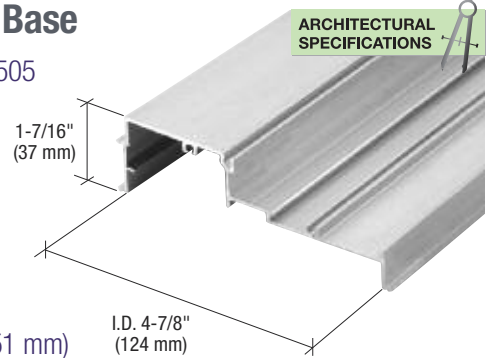
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X50411	All Face Trim Sizes	Clear Anodized
487X50422	All Face Trim Sizes	Dark Bronze Anodized
487X50433	All Face Trim Sizes	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Glazing Base

- Used With 487X505 Floor Track and 487X504 Glazing Stop (See Left)
- Used With 487X525 Insert As Intermediate Horizontal for 1" or 2" (25 or 51 mm) Face Trim (See Below)



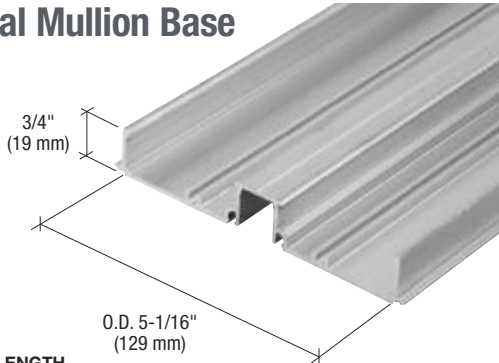
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X50211	All Face Trim Sizes	Clear Anodized
487X50222	All Face Trim Sizes	Dark Bronze Anodized
487X50233	All Face Trim Sizes	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Horizontal Mullion Base

- Used With 487X504 Glazing Stop (See Above) and 487X015 Face Trim (See Page 519Z)



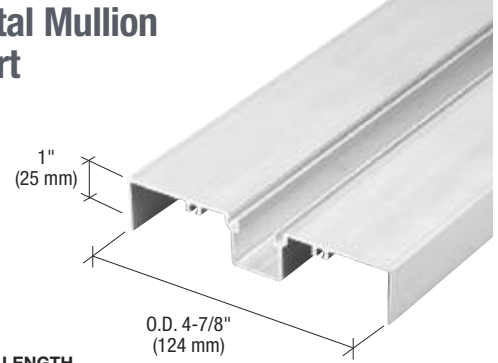
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X50311	1-1/2" (38 mm) Face Trim	Clear Anodized
487X50322	1-1/2" (38 mm) Face Trim	Dark Bronze Anodized
487X50333	1-1/2" (38 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Horizontal Mullion Glazing Insert

- Used With 487X502 Glazing Base and 487X504 Glazing Stop (See Above)



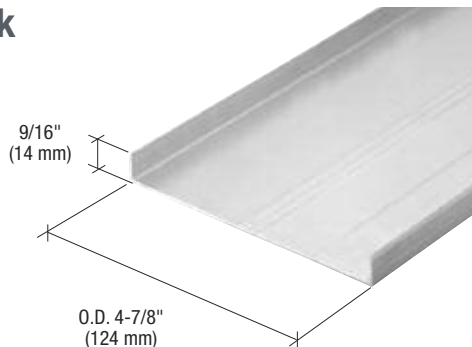
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X52511	1" or 2" (25 or 51 mm) Face Trim	Clear Anodized
487X52522	1" or 2" (25 or 51 mm) Face Trim	Dark Bronze Anodized
487X52533	1" or 2" (25 or 51 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Floor Track

- Used With 487X502 Glazing Base (See Above)



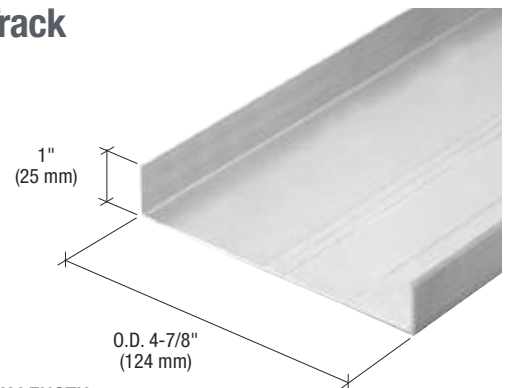
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X50511	1-1/2" (38 mm) Face Trim	Clear Anodized
487X50522	1-1/2" (38 mm) Face Trim	Dark Bronze Anodized
487X50533	1-1/2" (38 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Floor Track

- Used With 487X502 Glazing Base (See Above)



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X55211	1" or 2" (25 or 51 mm) Face Trim	Clear Anodized
487X55222	1" or 2" (25 or 51 mm) Face Trim	Dark Bronze Anodized
487X55233	1" or 2" (25 or 51 mm) Face Trim	Black Anodized

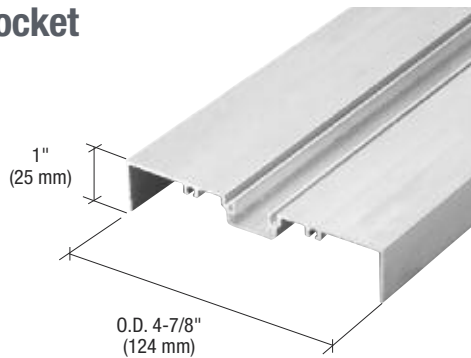
Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL 487 Series Center Glazed Office Partition Extrusions

U.S. ALUMINUM™
INTERIOR PRODUCTS

CRL Shallow Pocket Glazing Insert

- Used With 487X501 Jamb for Intermediate Verticals (See Page 521Z)



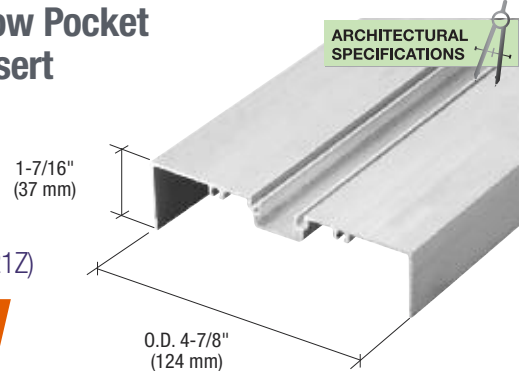
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X50611	1-1/2" (38 mm) Face Trim	Clear Anodized
487X50622	1-1/2" (38 mm) Face Trim	Dark Bronze Anodized
487X50633	1-1/2" (38 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Shallow Pocket Glazing Insert

- Used With 487X501 Jamb for Intermediate Verticals (See Page 521Z)



NEW!

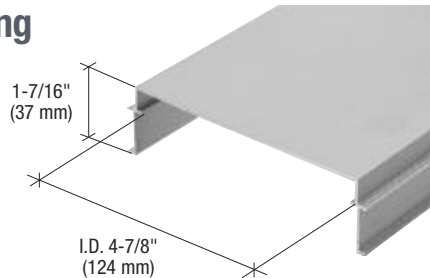
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X55011	1" or 2" (25 or 51 mm) Face Trim	Clear Anodized
487X55022	1" or 2" (25 or 51 mm) Face Trim	Dark Bronze Anodized
487X55033	1" or 2" (25 or 51 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Cased Opening Jamb/Head/Sill

- For All Face Trim Sizes



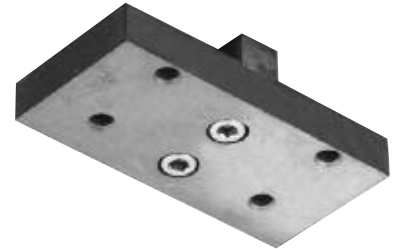
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED WITH	FINISH
487X50911	All Face Trim Sizes	Clear Anodized
487X50922	All Face Trim Sizes	Dark Bronze Anodized
487X50933	All Face Trim Sizes	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL 487 Series Drill Jig

- Lets You Accurately Drill Holes for Screw Spline Assembly



This CRL Drill Jig is designed for use on our 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. Visit crlaurence.com/accufab for more information.

CAT. NO. DJ487

CRL Frame Reinforcement Backing Plates

- For Standard Weight Butt Hinge and Strike Installations



Cat. No. 487RBP1 is designed to support BB10 and BB15 Series 4-1/2" (114 mm) Butt Hinges, and Cat. No. 487RBP2 for PLK1ASA Strikes (see page 541Z) when mounted to our 487 Series Office Partition Frames. Minimum order is one each.

CAT. NO. 487RBP2
(For Strike Plates)

CRL 4-1/2" x 4-1/2" Standard Weight Ball Bearing Butt Hinge

- Square Corners
- Three Hinges Per Box

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.



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 quality pricing.

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

523Z

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

CRL
U.S. ALUMINUM

CRL 487 Series Integrated Top Hung Sliding Doors

- For Use with 1-3/4" (44 mm) Aluminum and Wood Doors, or 3/8", and 1/2" (10 and 12 mm) '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
- Includes 'Softbrake' Braking System (On 'All-Glass' Version Only)
- Variety of Pull Handles are Available

The 487 Series Integrated Top Hung Sliding Door is an expansion of our initial 487 Series Office 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). Systems come complete with perimeter door seals and new adjustable astragal for Bi-Parting Doors (see page 108Z).

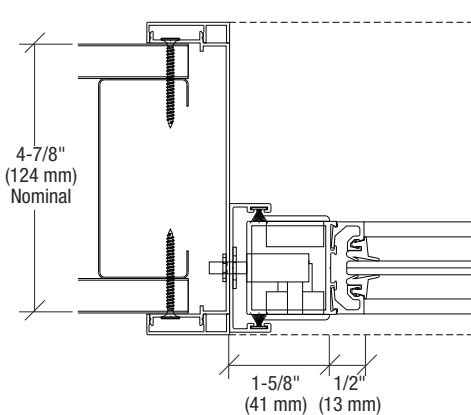
For additional information, please visit us online at crlaurence.com/office-partitions or contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also email us at partitions@crlaurence.com.



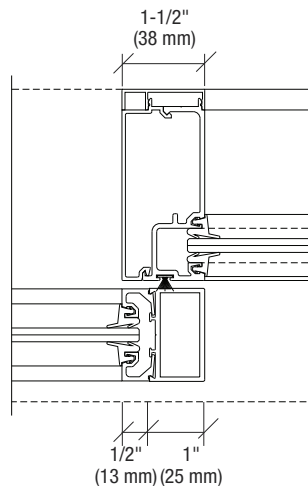
or



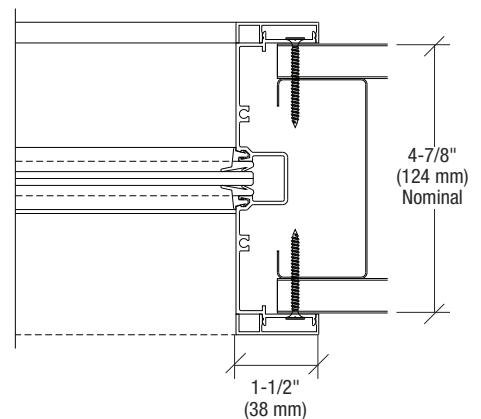
U.S. ALUMINUM™
INTERIOR PRODUCTS



Handing Shown: Latch Left



Shown With Typical 200 Series Narrow Stile Door



go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

524Z

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



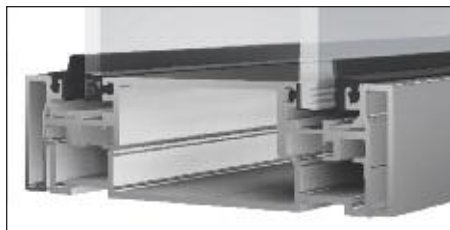
CRL 487-AR (Acoustically-Rated) Series Double Glazed Office Partition System

- Acoustically-Rated from STC 39 to 47
- Single and Double Door Frames Designed to Wrap 4-7/8" (124 mm) Walls
- Optional Mounting for Walls Greater Than 4-7/8" (124 mm)
- Clip Joinery
- 1-1/2" (38 mm) Face Trims Available
- Aluminum and Wood Doors Available
- Available in Individual Stock Lengths or Fully Fabricated Frame Kits
- Several Stock Finishes Available, With Custom Finishes on Request
- For Use With 1/4" or 3/8" (6 or 10 mm) Laminated Tempered Glass
- Can be Converted to Single Glazed with the Use of a Filler



The 487-AR (Acoustically-Rated) Series Double Glazed Office Partition System offers an optimal STC rating compared to traditional office partition systems. This reduces sound transmission while allowing ample natural light to flow through building interiors. The 487-AR Double Glazed Office Partition accommodates standard and acoustic doors, along with a variety of glass, including switchable privacy glass. Use Acoustical Sealant by others to achieve maximum STC Rating.

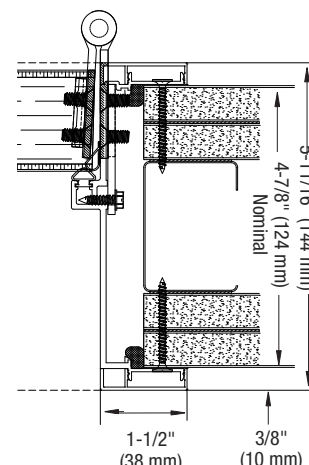
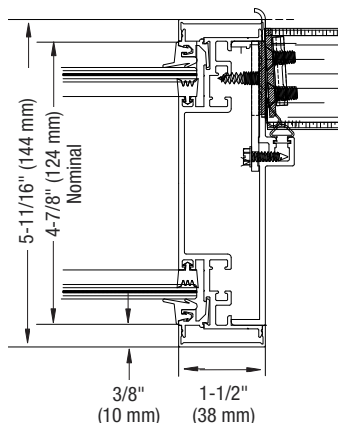
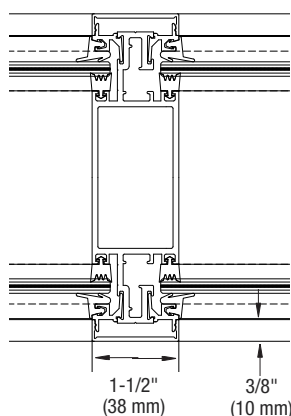
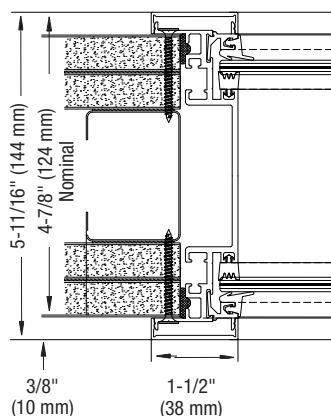
For additional information, visit us online at crlaurence.com/office-partitions or contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also email us at partitions@crlaurence.com.



Double Glazed Frame for Optimal Acoustical Privacy



U.S. ALUMINUM™
INTERIOR PRODUCTS



487 Double Glazed with Door Frame (Typical)

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

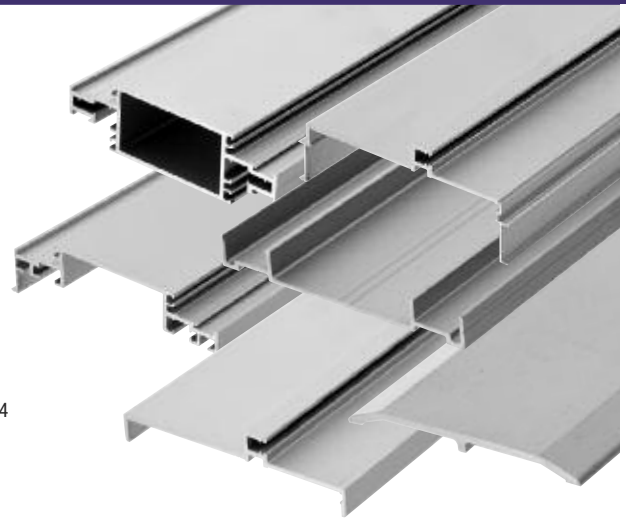
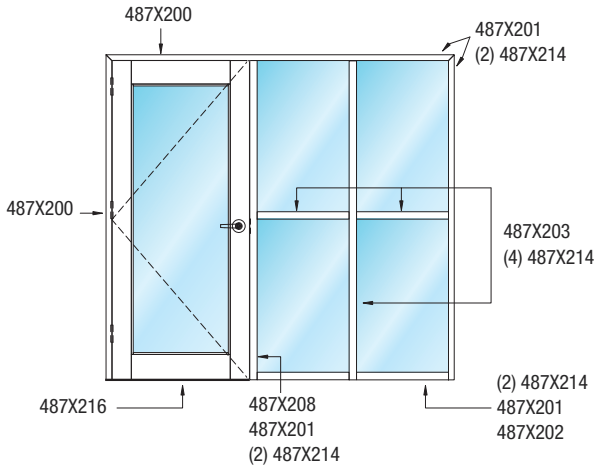
525Z

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



CRL 487-AR (Acoustically-Rated) Series Double Glazed Office Partition Extrusions

- Several Stock Finishes Available, with Custom Finishes on Request
- For Use With 1/4" or 3/8" (6 or 10 mm) Laminated Tempered Glass



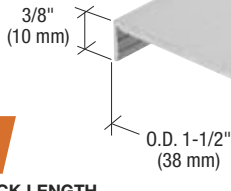
ARCHITECTURAL
SPECIFICATIONS



U.S. ALUMINUM™
INTERIOR PRODUCTS

CRL 487-AR Face Trim

- 1-1/2" (38 mm) Face Trim
- Snaps Into Place to Conceal Fasteners



NEW!

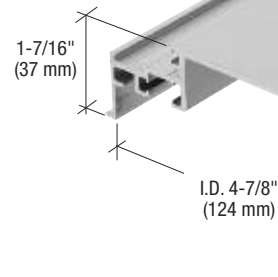
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X21511	Clear Anodized
487X21522	Dark Bronze Anodized
487X21533	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

CRL 487-AR Pocket Wall Jamb/Head

- Used With 487X214 Glazing Stop (See Below)



NEW!

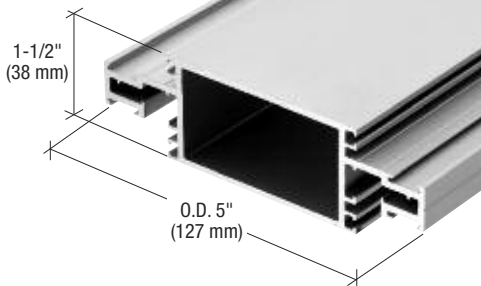
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X20111	Clear Anodized
487X20122	Dark Bronze Anodized
487X20133	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

CRL 487-AR Mullion

- Used With 487X214 Glazing (See Right)



NEW!

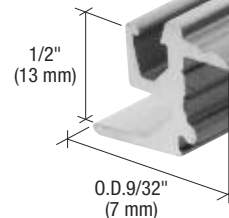
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X20311	Clear Anodized
487X20322	Dark Bronze Anodized
487X20333	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

CRL 487-AR Glazing Stop

- Used With 487X201 Wall Jamb/Head (See Above) and 487X203 Mullion (See Left)



NEW!

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X21411	Clear Anodized
487X21422	Dark Bronze Anodized
487X21433	Black Anodized

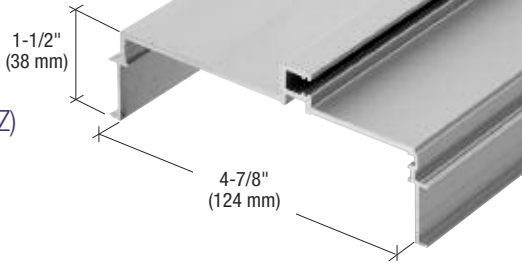
Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

CRL 487-AR (Acoustically-Rated) Series Office Partition Extrusions

U.S. ALUMINUM™ INTERIOR PRODUCTS

CRL 487-AR Door Jamb/Head

- Used With 487X215 Face Trim (See Page 526Z)



NEW!

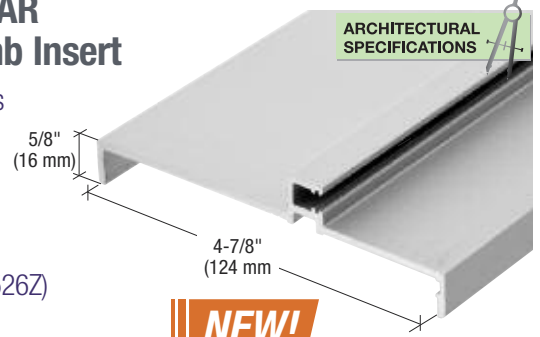
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X20011	Clear Anodized
487X20022	Dark Bronze Anodized
487X20033	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL 487-AR Door Jamb Insert

- Easily Snaps Into Place
- Used With 487X201 Pocket Wall Jamb/Head (See Page 526Z)



NEW!

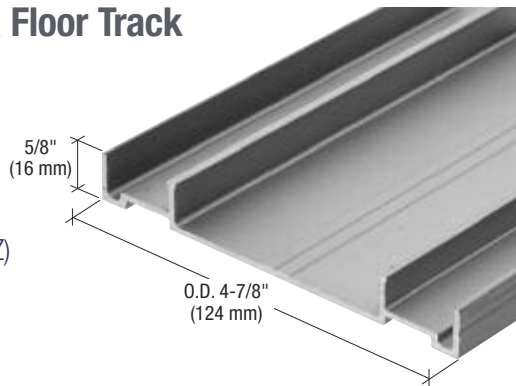
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED FOR	FINISH
487X20811	1" (25 mm) Face Trim	Clear Anodized
487X20822	1" (25 mm) Face Trim	Dark Bronze Anodized
487X20833	1" (25 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL 487-AR Floor Track

- Used With 487X214 Pocket Wall Jamb/Head and 487X201 Glazing Stop (See Page 526Z)



NEW!

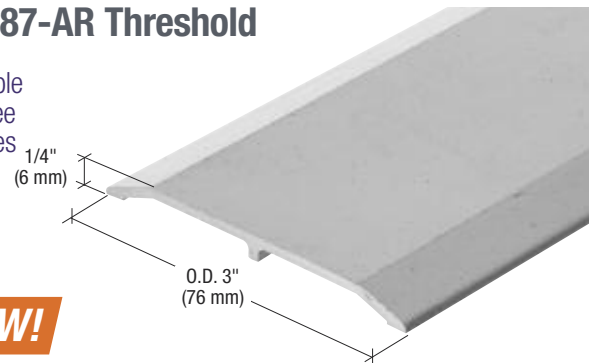
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X20211	Clear Anodized
487X20222	Dark Bronze Anodized
487X20233	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL 487-AR Threshold

- Available in Three Finishes



NEW!

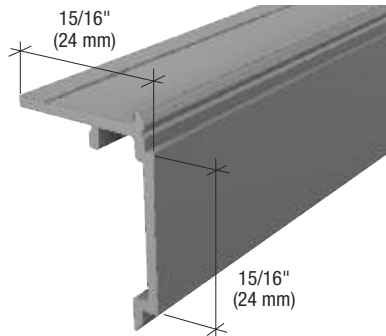
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X21611	Clear Anodized
487X21622	Dark Bronze Anodized
487X21633	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL 487-AR Single Pocket Filler

- Used at Jamb, Head, and Still
- Adapts Dual Glazed to Single Glazed Keeping Exterior Glass in Line



NEW!

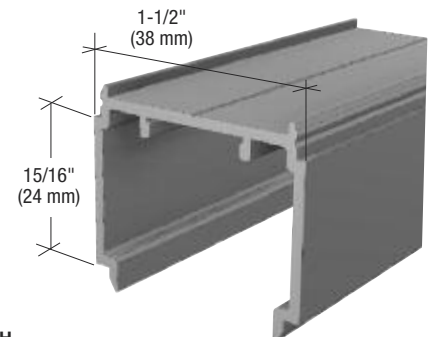
24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X21711	Clear Anodized
487X21722	Dark Bronze Anodized
487X21733	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL 487-AR Dual Pocket Filler

- Used at Horizontal and Vertical Mullions
- Adapts Dual Glazed to Single Glazed Keeping Exterior Glass in Line



NEW!

24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X21811	Clear Anodized
487X21822	Dark Bronze Anodized
487X21833	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL 487 Series 3" Offset Glazed Office Partition System



- 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 (See Page 533Z)
- Fully Fabricated Frames Available for Fast and Easy Installation
- Stock Lengths Available for On Site Fabrication
- Screw Spline or Clip Joinery
- 1-1/2" (38 mm) Face Trim Only



or



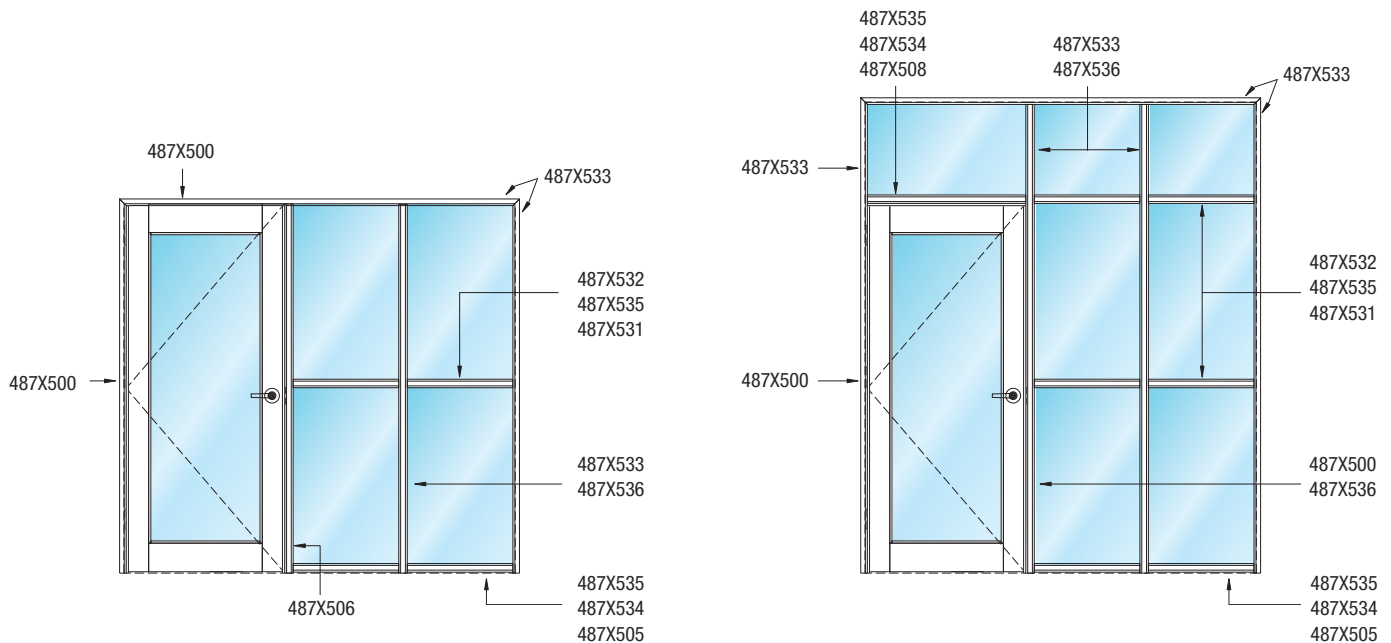
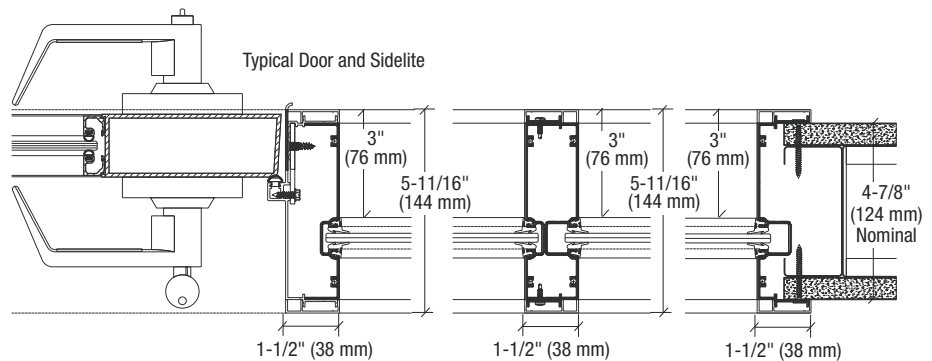
U.S. ALUMINUM™
INTERIOR PRODUCTS



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. Ask for Ext. 7770. You can also send email to partitions@crlaurence.com.



Series 487
3" (76 mm) Offset Glazed (TYP.)

Series 487
3" (76 mm) Offset Glazed With Transom (TYP.)

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

528Z

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

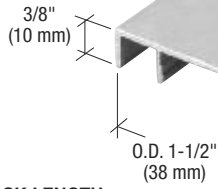


CRL 487 Series 3" Offset Glazed Office Partition Extrusions

U.S. ALUMINUM™
INTERIOR PRODUCTS

CRL Face Trim

- 1-1/2" (38 mm) Face Trim
- Snaps Into Place to Conceal Fasteners



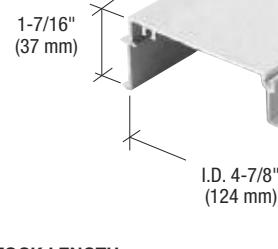
24'-2" (7.3 M) STOCK LENGTH

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.

CRL Deep Pocket Wall Jamb/Head

- Used With 487X536 Pocket Insert (See Below)



24'-2" (7.3 M) STOCK LENGTH

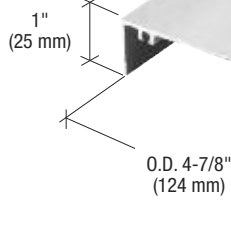
CAT. NO.	FINISH
487X53311	Clear Anodized
487X53322	Dark Bronze Anodized
487X53333	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

CRL Shallow Pocket Glazing Insert

NEW!

- Used With 487X533 Jamb for Intermediate Verticals (See Above)



24'-2" (7.3 M) STOCK LENGTH

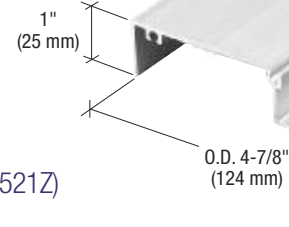
CAT. NO.	FINISH
487X53611	Clear Anodized
487X53622	Dark Bronze Anodized
487X53633	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.

CRL Deep Pocket Glazing Insert

NEW!

- Used With 487X500 Door Jamb (See Page 521Z)



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X53011	Clear Anodized
487X53022	Dark Bronze Anodized
487X53033	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quantity pricing. Must ship common carrier.



go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

529Z

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

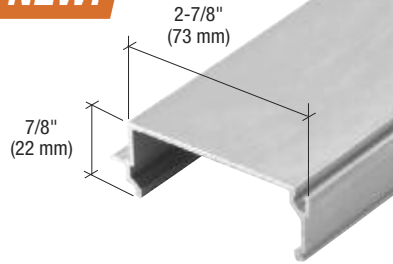
CRL
U.S. ALUMINUM

CRL 487 Series 3" Offset Glazed Office Partition Extrusions

CRL Interior Glazing Stop

NEW!

- Easily Snaps Into Place
- Used With 487X534 Glazing Base and 487X531 Horizontal Mullion Base (See Below)



24'-2" (7.3 M) STOCK LENGTH

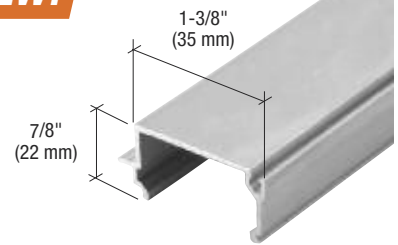
CAT. NO.	FINISH
487X53511	Clear Anodized
487X53522	Dark Bronze Anodized
487X53533	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Exterior Glazing Stop

NEW!

- Easily Snaps Into Place
- Used With 487X531 Horizontal Mullion Base (See Below)



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	USED FOR	FINISH
487X53211	1" (25 mm) Face Trim	Clear Anodized
487X53222	1" (25 mm) Face Trim	Dark Bronze Anodized
487X53233	1" (25 mm) Face Trim	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Glazing Base **NEW!**

- Used With 487X505 Floor Track (See Page 522Z) and 487X535 Glazing Stop (See Above)



24'-2" (7.3 M) STOCK LENGTH

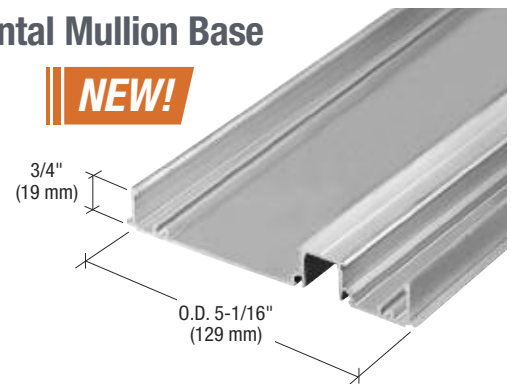
CAT. NO.	FINISH
487X53411	Clear Anodized
487X53422	Dark Bronze Anodized
487X53433	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

CRL Horizontal Mullion Base

NEW!

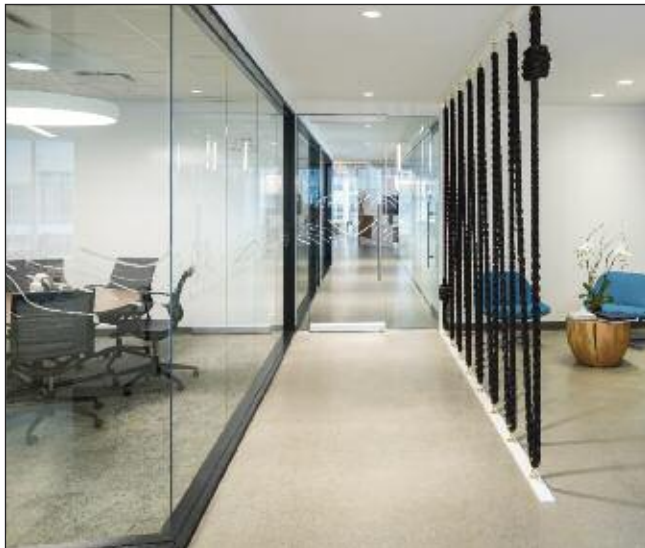
- Used With 487X532 and 487X535 Glazing Stops (See Above)



24'-2" (7.3 M) STOCK LENGTH

CAT. NO.	FINISH
487X53111	Clear Anodized
487X53122	Dark Bronze Anodized
487X53133	Black Anodized

Minimum order: 1 stock length. All 487 Series Extrusions can be combined for quality pricing. Must ship common carrier.

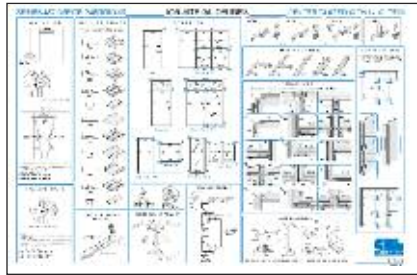


CRL 487 Series Office Partition Accessories

U.S. ALUMINUM™
INTERIOR PRODUCTS

CRL Installation Poster

- Shows Clip Usage and Postions for All 487 Series Systems

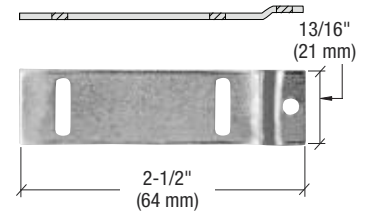


Go to crlaurence.com/office-partitions and click on Installation Manuals.

CRL Wide Offset Clip

- Used to Fasten Vertical Mullion to Head

Assembly Screws are sold separately (see Cat. No. 20061601 below).



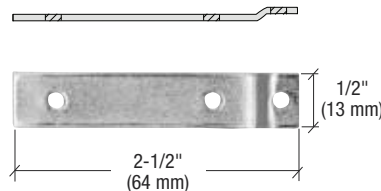
CAT. NO.	QTY/PKG
487C4	2

Minimum order: 1 pack.

CRL Offset Clip

- Used to Fasten Horizontal Mullion or Sill to Verticals

Assembly Screws are sold separately (see Cat. No. 20061601 below).



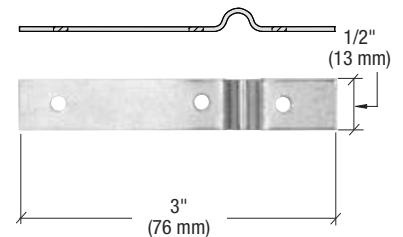
CAT. NO.	QTY/PKG
487C5	2

Minimum order: 1 pack.

CRL Hook Clip

- Used to Fasten Horizontal Mullion or Sill to Verticals

Assembly Screws are sold separately (see Cat. No. 20061601 below).



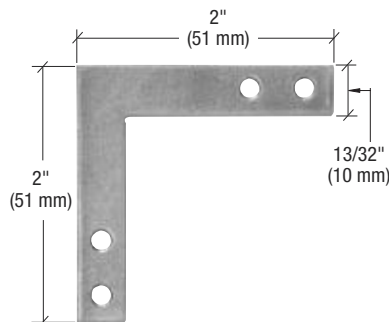
CAT. NO.	QTY/PKG
487C3	2

Minimum order: 1 pack.

CRL Corner Clip

- Used to Fasten Head to Jamb

Assembly Screws are sold separately (see Cat. No. 20061601 below).



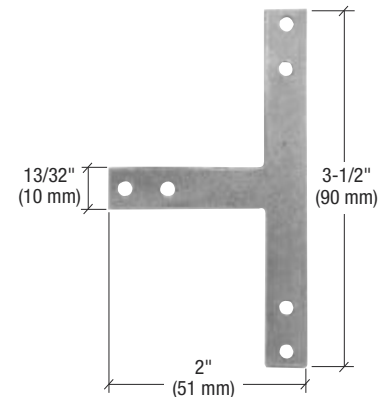
CAT. NO.	QTY/PKG
487C1	2

Minimum order: 1 pack.

CRL 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.

CRL 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.

CRL 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 page 523Z).



CAT. NO.
10X1HWSMS
For Screw
Spline Assembly



CAT. NO. 8X58HWSMS

For Reinforcement
Backing Plates
(See Page 523Z)

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.

TEK is a registered trademark of the ITW Buildex Corp.

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

531Z

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



CRL 487 Series Office Partition Accessories

CRL Glazing Gaskets

- Vinyl, EPDM, and Silicone Top Load Gaskets
- For 1/4", 3/8", 1/2", and 9/16" (6, 10, 12, and 14 mm) Glazing*



***NOTE:** When glazing with 1/2" (12 mm) glass use Model NP238 on one side and Model NP563 on the opposite side.

These Glazing Gaskets are used with our 487 Series Office Partitions. Vinyl Gaskets are used for non-rated assemblies, EPDM for AR (Acoustically Rated) and Silicone Gaskets when "positive pressure" 20 minute fire rated assemblies are required. Available in black or gray. For easy installation we recommend our Vinyl Roller Tools (see below).

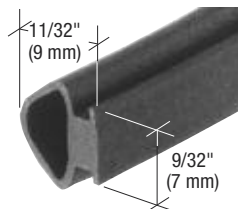
500 FT. ROLL VINYL CAT. NO.	500 FT. ROLL SILICONE CAT. NO.	500 FT. ROLL EPDM CAT. NO.	100 FT. ROLL VINYL CAT. NO.	100 FT. ROLL SILICONE CAT. NO.	100 FT. ROLL EPDM CAT. NO.	COLOR	FOR GLASS THICKNESS
—	—	NP718	—	—	NP718C	Black	AR Series only 1/4" (6 mm)
NP225V	NP225S	—	NP225VC	NP225SC	—	Black	1/4" (6 mm)
NP225VGRY	NP225SGRY	—	NP225VGRYC	NP225SGRYC	—	Gray	1/4" (6 mm)
—	—	NP716	—	—	NP716C	Black	AR Series only 3/8" (10 mm)
NP238V	—	—	NP238VC	—	—	Black	3/8" and 1/2" (10 and 12 mm)*
NP238VGRY	—	—	NP238VGRYC	—	—	Gray	3/8" and 1/2" (10 and 12 mm)*
NP563V	—	—	NP563VC	—	—	Black	1/2" and 9/16" (12 and 14 mm)*
NP563VGRY	—	—	NP563VGRYC	—	—	Gray	1/2" and 9/16" (12 and 14 mm)*

Minimum order: 1 roll.

CRL Door Frame Stop Gasket

- 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.



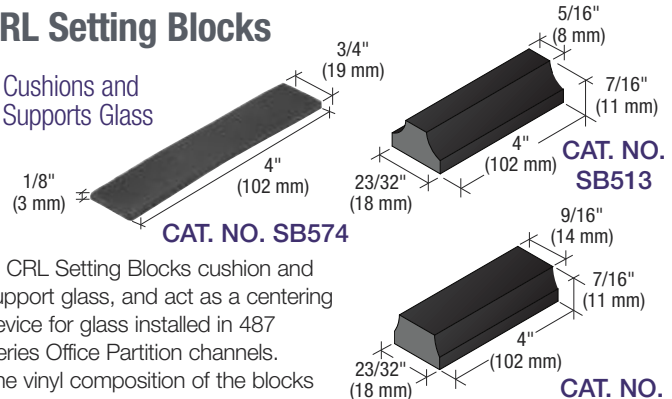
Compresses When Door is Closed

CAT. NO.	COLOR	ROLL LENGTH
NP600C	Black	100' (30.5 m)
NP600	Black	750' (228.6 m)

Minimum order: 1 roll.

CRL Setting Blocks

- Cushions and Supports Glass



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.

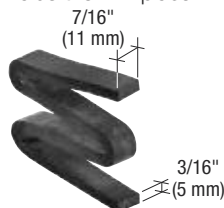
CAT. NO.	FOR GLASS THICKNESS	MATERIAL	QTY/PKG
SB513	1/4" to 3/8" (6 to 10 mm)	PVC	20
SB514	1/2" to 9/16" (12 to 14 mm)	PVC	20
SB574	AR Series Only	Neoprene	100

Minimum order: 1 pack for SB513 and SB514 and 100 each for SB574.

CRL 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.

CRL 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 Vinyl Roller Tools

- Ball Bearing Wheels



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. All Rollers Tools can be combined for quantity pricing.

CRL 487 Series Office Partition Door Frame Kits



U.S. ALUMINUM™
INTERIOR PRODUCTS

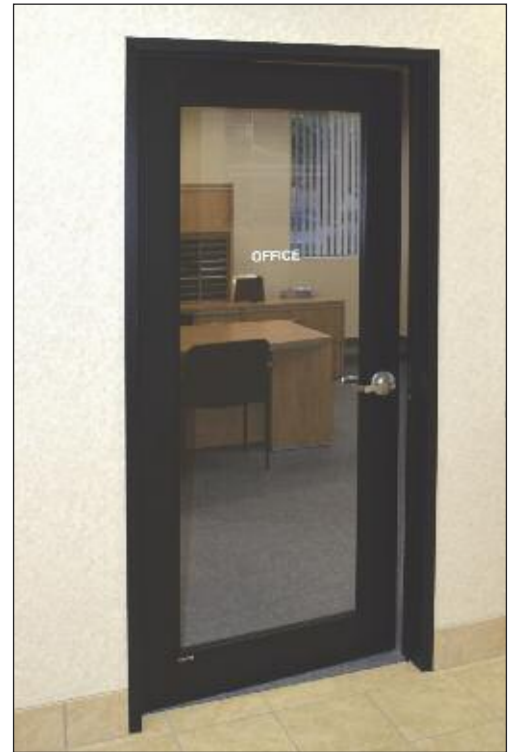
- Up and Over Framing Kits for Single or Double Doors
- Stocked in Clear, Dark Bronze, and Black Anodized Finishes
- Six Standard Size Configurations Available
- Custom Sizes Available on Special Order
- Non-Fire Rated

CRL-U.S. Aluminum stocks a variety of 487 Office Partition Door Frame Kits in clear, dark bronze, and black 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.



See page 108Z for our Online Estimating Software Solution



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.

UP AND OVER – SINGLE DOOR FRAME

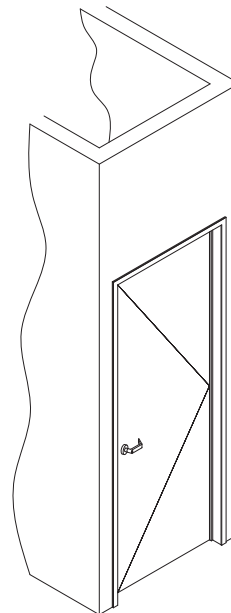
CAT. NO.	HANDING	DOOR OPENING	FINISH
487F3711L	LH	3'0" x 7'0" (914 x 2134 mm)	Clear Anodized
487F3711R	RH	3'0" x 7'0" (914 x 2134 mm)	Clear Anodized
487F3722L	LH	3'0" x 7'0" (914 x 2134 mm)	Dark Bronze Anodized
487F3722R	RH	3'0" x 7'0" (914 x 2134 mm)	Dark Bronze Anodized
487F3733L	LH	3'0" x 7'0" (914 x 2134 mm)	Black Anodized
487F3733R	RH	3'0" x 7'0" (914 x 2134 mm)	Black 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
487F3833L	LH	3'0" x 8'0" (914 x 2438 mm)	Black Anodized
487F3833R	RH	3'0" x 8'0" (914 x 2438 mm)	Black 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
487F3933L	LH	3'0" x 9'0" (914 x 2743 mm)	Black Anodized
487F3933R	RH	3'0" x 9'0" (914 x 2743 mm)	Black Anodized

Minimum order: 1 each. **NOTE:** Doors and hardware must be ordered separately.

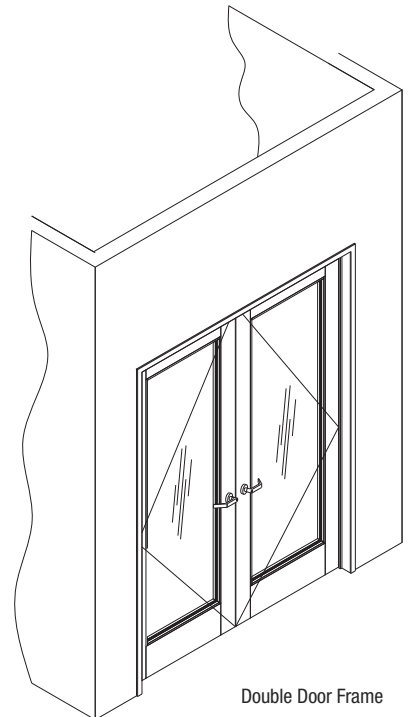
UP AND OVER – DOUBLE DOOR FRAME

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
487F6733	6'0" x 7'0" (1829 x 2134 mm)	Black 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
487F6833	6'0" x 8'0" (1829 x 2438 mm)	Black 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
487F6933	6'0" x 9'0" (1829 x 2743 mm)	Black Anodized

Minimum order: 1 each. **NOTE:** Doors and hardware must be ordered separately.



Single Door Frame



Double Door Frame

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

533Z

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



CRL 487 Series Office Partition "Positive Pressure" 20 Minute Fire Rated Frames



- Custom Fully Fabricated Door Frames
- Accommodates 4-7/8" (124 mm) Wall Thickness
- 1-1/2" (38 mm) Face Trim
- Supplied With CRL Smoke Seal
- Available in Clear, Bronze, and Black Anodized Finishes
- Custom Finishes are Available on Request
- 20-Minute Wood Doors Available (See Page 537Z)



Our 487 Series Office Partition 20-Minute "Positive Pressure" Frame provides a highly effective heat barrier, and is available as single or double door frames. 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: Rated frames are not for use with sidelites. Maximum single door size is 48" (1.2 m) wide x 96" (2.4 m) tall. Maximum double door size is 96" wide (2.4 m) x 96" (2.4 m) tall.

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. Ask for Ext. 7770. You can also email us at partitions@crlaurence.com.

CRL HSS2000 Smoke Seal

- 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 mm)	7/16" (11 mm)	24' (7.3 m)
HSS2000W	White	3/64" (1 mm)	7/16" (11 mm)	24' (7.3 m)

Minimum order: 1 roll.



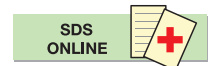
CAT. NO. HSS2000



CAT. NO. HSS2000W

CRL FG3000 Fire Glazing Tapes

- Specially Formulated High Performance Intumescent Glazing Tape
- Positive Pressure Tested and Listed
- For Use With Wire Glass and Firelite™
- Not for Use on 487 Series Office Partition Fire Rated Frames



CAT. NO.	COLOR	THICKNESS	WIDTH	ROLL LENGTH
FG3000S45	White	3/64" (1 mm)	7/16" (11 mm)	16' (4.9 m)
FG3000S90	White	5/64" (2 mm)	7/16" (11 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

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

534Z

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



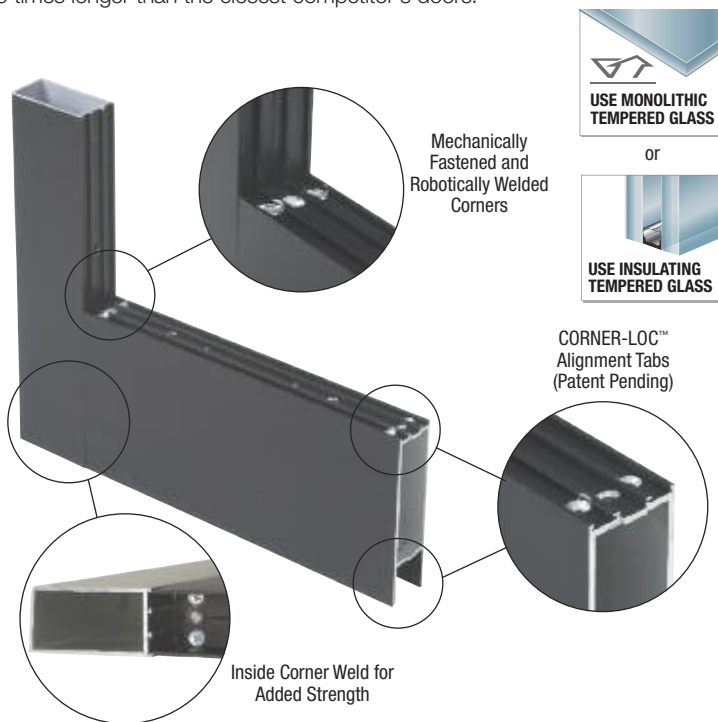
CRL 250, 400, and 550 Series Butt Hinged Aluminum Doors

- Narrow, Medium, and Wide Stile Doors
- 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.



CRL-U.S. Aluminum provides dependable quality Aluminum Framed Doors to meet your specifications. Thousands of examples of CRL-U.S. Aluminum Doors are installed in buildings nationwide. Builders know that our systems are subjected to rigorous testing to assure quality and reliability through many years of service in all environmental conditions. Many CRL-U.S. Aluminum products now qualify for LEED® ratings as the requirement for "green" building products increases.

For additional information, visit us online at crlaurence.com/entrances or contact our Technical Sales department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also email us at partitions@crlaurence.com.

LEED is a registered trademark of U.S. Green Building Council.

go to crlaurence.com to search for

entrances

Search

or enter the Catalog Number for complete product information

535Z

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



CRL 250, 400, and 550 Series Butt Hinged Aluminum Doors

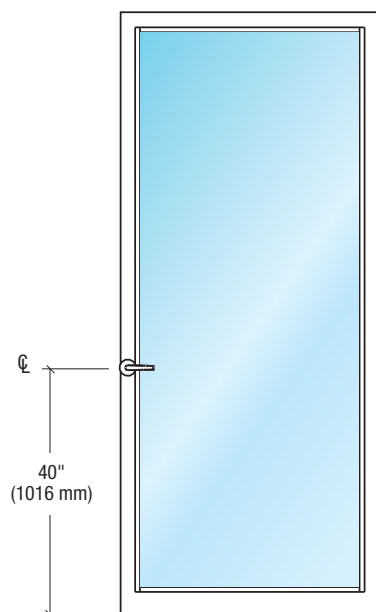


- Prepped for Butt Hinges, Glass Stops, and Cylindrical or Mortise Locksets (Not Included)

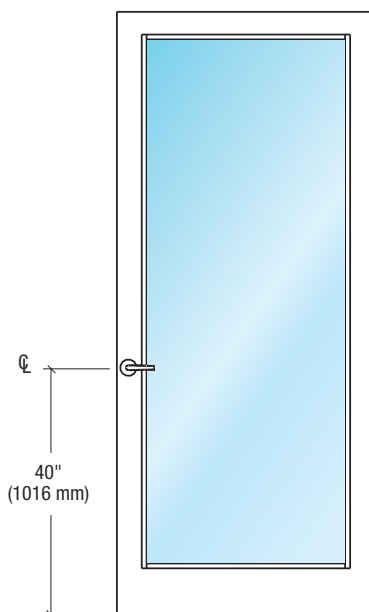
As an industry leader in the manufacturing of entrance doors and frames, U.S. Aluminum consistently builds products to meet the highest industry standards, ensuring years of reliable service. Job-tested, mechanically fastened and welded corner construction creates a rugged structural corner assembly. 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. Standard features include glass stops and an adjustable leveling screw in the top rail.

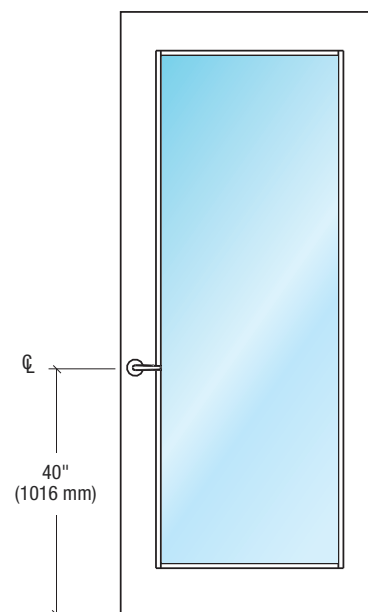
We also make custom doors to meet your exact requirements. Optional accessories such as door closers, panic exit devices, and special locking hardware is available.



Series 250 - Narrow Stile



Series 400 - Medium Stile



Series 550 - Wide Stile

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.

Accessories:

Hinging Hardware
Butt Hinges for Single Acting Doors
Closers
Surface Mounted Overhead
Concealed Overhead

Panic Exit Devices

Conventional Cross Bar
*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.

go to crlaurence.com to search for

entrances

Search

or enter the Catalog Number for complete product information

536Z

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



CRL Wood Flush Doors

- 1-3/4" (44 mm) Thick
- Interior Use Only
- Fire Ratings Up to 20 Minutes
- Optional Vision Lites Available
- Contributes to LEED® Certification Ratings

■ U.S. ALUMINUM™
INTERIOR PRODUCTS



CRL-U.S. Aluminum offers an extensive selection of Wood Flush Doors to complement our Office 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 fire rating. 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 Mineral Core. All Wood Flush Doors are available unfinished, prefinished with a UV Clear Coat, or your choice from a wide selection of colors. Visit crlaurence.com/office-partitions for additional information.

NOTE: Maximum single door size is 48" (1.2 m) wide x 96" (2.4 m) tall. Maximum double door size is 96" (2.4 m) wide x 96" (2.4 m) tall.

For additional information contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also send an email to partitions@crlaurence.com.

SC Series Wood Flush Door

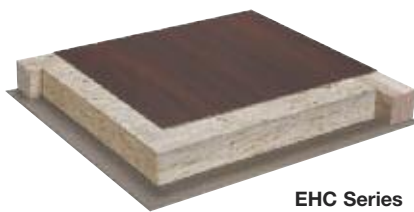
- Flush Standard Particleboard Core
- 1-3/4" (44 mm) Thick
- 5-Ply Construction
- Exceeds Industry Standards of WDMA I.S.1
- Core: 28-30 Lb. Particleboard, ANSI A208.1 Grade LD-1



SC Series

EHC Series Wood Flush Door

- Flush Extra Heavy-Duty Structural Composite Lumber Core
- 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
- 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.

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

537Z

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



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

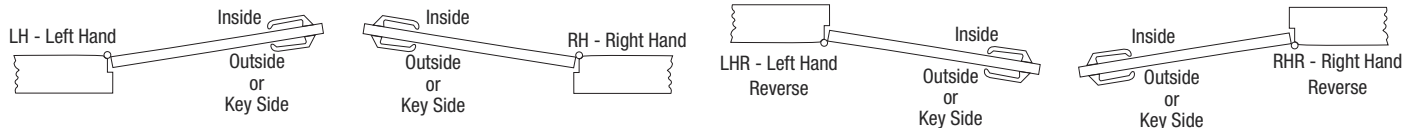


CRL Mortise Lever Lock Code Compliances

- 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

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.
		CLASSROOM F 84	Outside lever locked or unlocked by key.
		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 Heavy-Duty Mortise Lever Lockset

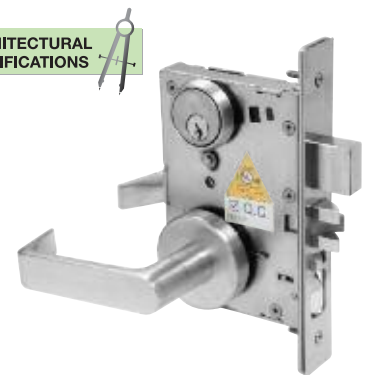
- ANSI A156.13 Series 1000 Grade 1
- Supplied in ANSI-F20 Entrance Lock Function
- Field Reversible (Non-Handed)
- Fits Doors 1-3/8" to 1-3/4" (35 to 45 mm) Thick
- 2-3/4" (70 mm) Backset
- Schlage® 'C' 6-Pin, 1-1/8" (29 mm) Mortise Cylinder
- Supplied With ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike
- 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. Ask for Ext. 7700. You can also send an e-mail to architectural@crlaurence.com.

UL is a registered trademark of UL LLC.
Schlage is a registered trademark of Allegion plc.



Interior Side



CAT. NO.	DESCRIPTION	FINISH
ML9453	Heavy-Duty Mortise Lever Lock	Satin Chrome

Minimum order: 1 each. Specify handing when ordering.

CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Entrance

- ANSI A156.2 Grades 1 and 2
- Grade 1 Includes Clutch Feature
- Choice of Keyways
- UL Listed

These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed, and reversible. Grade 1 Locksets 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
D50ENTORB	D52ENTORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

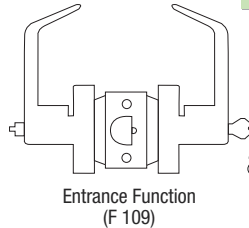
GRADE 2

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D55ENT	D57ENT	Brushed Chrome
D55ENTCH	D57ENTCH	Polished Chrome
D55ENTBN	D57ENTBN	Brushed Nickel
D55ENTPB	D57ENTPB	Polished Brass
D55ENTORB	D57ENTORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



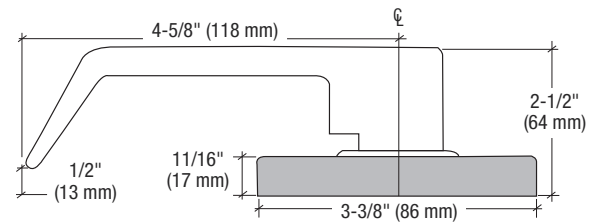
Schlage® 'C' 6-Pin Keyway



Entrance Function
(F 109)



7-Pin SFIC Keyway



CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Storeroom

- ANSI A156.2 Grades 1 and 2
- Grade 1 Includes Clutch Feature
- Choice of Keyways
- UL Listed

These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed, and reversible. Grade 1 Locksets 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
D70STRORB	D72STRORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

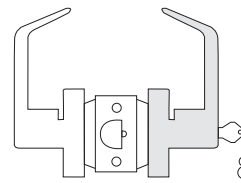
GRADE 2

SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D75STR	D77STR	Brushed Chrome
D75STRCH	D77STRCH	Polished Chrome
D75STRBN	D77STRBN	Brushed Nickel
D75STRPB	D77STRPB	Polished Brass
D75STRORB	D77STRORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



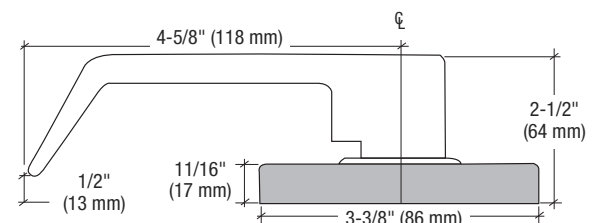
Schlage® 'C' 6-Pin Keyway



Storeroom Function
(F 86)



7-Pin SFIC Keyway



UL is a registered trademark of UL LLC.

Schlage is a registered trademark of Allegion plc.

go to crlaurence.com to search for

lever-locksets

Search

or enter the Catalog Number for complete product information

539Z

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

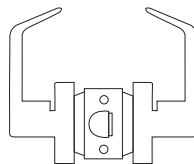
CRL
ALUMINUM

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.

ARCHITECTURAL
SPECIFICATIONS



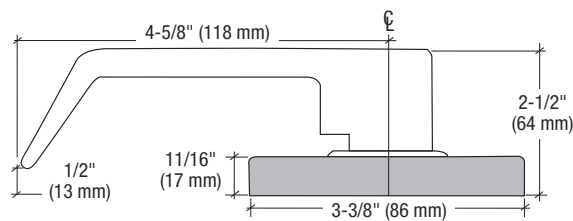
Passage Function
(F 75)



GRADE 1		GRADE 2	
CAT. NO.	FINISH	CAT. NO.	FINISH
D10PASS	Brushed Chrome	D15PASS	Brushed Chrome
D10PASSCH	Polished Chrome	D15PASSCH	Polished Chrome
D10PASSBN	Brushed Nickel	D15PASSBN	Brushed Nickel
D10PASSPB	Polished Brass	D15PASSPB	Polished Brass
D10PASSORB	Oil Rubbed Bronze	D15PASSORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Classroom

- ANSI A156.2 Grades 1 and 2
- Choice of Keyways
- Grade 1 Includes Clutch Feature
- UL Listed

These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed, and reversible. Grade 1 Locksets 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.

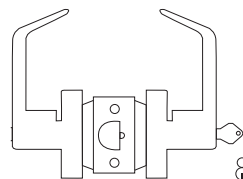
NOTE: Locksets are keyed randomly.



Schlage® 'C' 6-Pin Keyway

GRADE 1		
SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D80CLS	D82CLS	Brushed Chrome
D80CLSCH	D82CLSCH	Polished Chrome
D80CLSBN	D82CLSBN	Brushed Nickel
D80CLSPB	D82CLSPB	Polished Brass
D80CLSORB	D82CLSORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



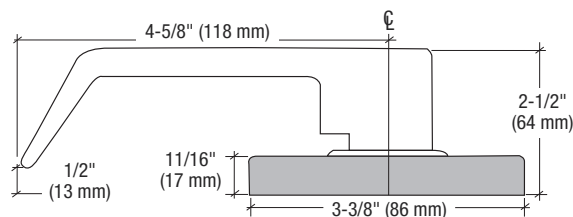
Classroom Function
(F 84)



7-Pin SFIC Keyway

GRADE 2		
SCHLAGE® 6-PIN CAT. NO.	7-PIN SFIC CAT. NO.	FINISH
D85CLS	D87CLS	Brushed Chrome
D85CLSCH	D87CLSCH	Polished Chrome
D85CLSBN	D87CLSBN	Brushed Nickel
D85CLSPB	D87CLSPB	Polished Brass
D85CLSORB	D87CLSORB	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.

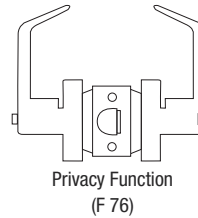
CRL Heavy-Duty Grade 1 and Grade 2 Lever Locksets - Privacy

ARCHITECTURAL
SPECIFICATIONS

- ANSI A156.2 Grades 1 and 2
- UL Listed



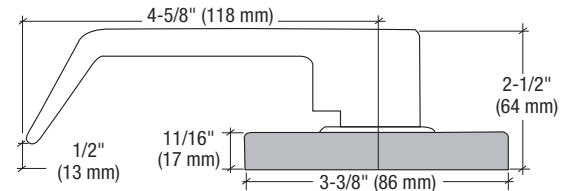
These CRL Heavy-Duty Commercial Grade 1 and 2 Lever Locksets are non-handed and reversible. Locksets are UL Listed with a 3-hour fire rating, and fit door thicknesses from 1-3/8" to 1-3/4" (35 to 45 mm) with a 2-3/4" (70 mm) backset. An ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike is included.



GRADE 1		GRADE 2	
CAT. NO.	FINISH	CAT. NO.	FINISH
D40PRV	Brushed Chrome	D45PRV	Brushed Chrome
D40PRVCH	Polished Chrome	D45PRVCH	Polished Chrome
D40PRVBN	Brushed Nickel	D45PRVBN	Brushed Nickel
D40PRVPB	Polished Brass	D45PRVPB	Polished Brass
D40PRVORB	Oil Rubbed Bronze	D45PRVORB	Oil Rubbed Bronze

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.

Minimum order: 1 each. All Lever Locksets can be combined for quantity pricing.



CRL Deadlatches, Spring Latches, and Strikes for Lever Locks

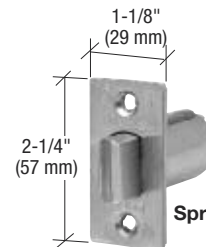
- Non-Handed and Reversible
- ANSI A156.2 Grades 1 and 2
- UL Listed



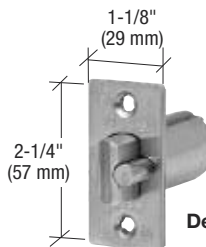
CRL Deadlatches and Spring Latches are made for 2-3/8" (60 mm) or 2-3/4" (70 mm) backsets. Both Latches and Strikes are designed to work with the CRL Lever Locksets shown above. One per package.

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	----	-----
487RBP2	Strike Backing Plate	----	-----

Minimum order: 1 each. Deadlatches, Spring Latches, and Strikes can be combined for quantity pricing.



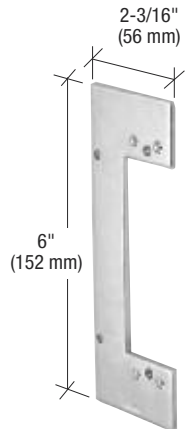
Spring Latch



Deadlatch



Strike



Strike Backing Plate

CRL Glass Lever Lock Housings

- 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
- Five Function Options (See Pages 244Z-245Z)



Glass Fabrication is Required.
Installation Instructions and
Fabrication Template Included.

UL is a registered trademark of UL LLC.

go to crlaurence.com to search for

lever-locksets

Search

or enter the Catalog Number for complete product information

541Z

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

CRL
ALUMINUM

CRL Fallbrook Series Office Partition System

NEW!



- Accommodates 5/16", 3/8", and 1/2" (8, 10, and 12 mm) Monolithic Tempered Glass Doors and Sidelite Panels
- Slim Profiles Produce Maximum Transparency
- Door Hinges and Lock Hardware Available to Exclusively Fit Fallbrook Frames (Sold Separately)

The NEW Fallbrook Series Office Partition System allows the creation of attractive office partitions using monolithic tempered glass doors and panels, or upgrading to the **XL Series** so that monolithic tempered glass can be used on the doors, but insulating glass can be used on the fixed panels to reduce sound transmission and keep noise to a minimum (see opposite page). The front load dry glazing does not have exposed fasteners, and the narrow profile frames allow creation of a floating appearance, thus providing more of the 'all-glass' look desired by more designers and architects who want to minimize the hardware and expose more glass. The Standard Fallbrook Series System, is available in two kit choices, either door-to-wall or door-to-glass. Kits accommodate 5/16", 3/8", and 1/2" (8, 10, and 12 mm) thick glass doors.



CRL Fallbrook Door-to-Wall Door Frame Set

NEW!

- Door Hinges and Locks Sold Separately



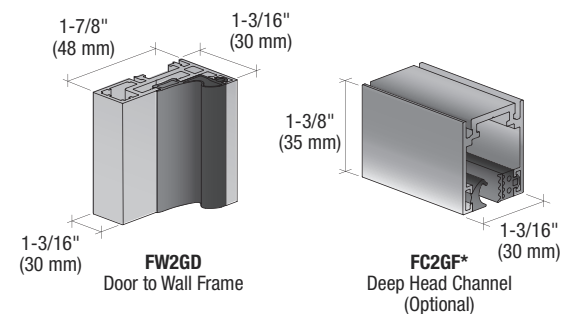
Typical Installation

Each Set Includes:

- 2 each 96-7/16" (2.45 m) lengths of Door Frame
- 1 each 43-5/16" (1.1 m) length of Door Frame
- 1 each Strike Plate
- 3 pair Hammer Head Nuts
- 4 each Corner Connectors

CAT. NO.	GASKET COLOR	FINISH
FTW2GDSA	Gray	Satin Anodized
FTW2GDBN	Black	Brushed Nickel

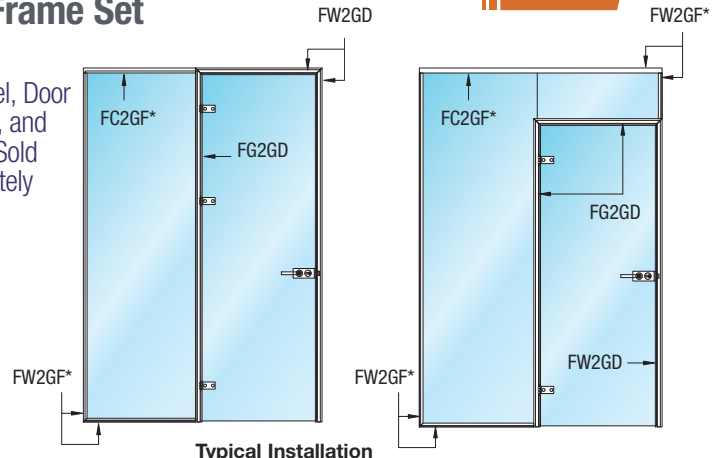
Minimum order: 1 each.



CRL Fallbrook Door-to-Glass Door Frame Set

NEW!

- Glazing Channel, Door Hinges, and Locks Sold Separately



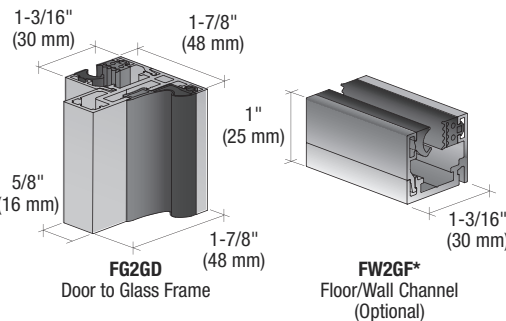
Typical Installation

Each Set Includes:

- 2 each 96-7/16" (2.45 m) lengths of Door Frame
- 1 each 43-5/16" (1.1 m) length of Door Frame
- 1 each Strike Plate
- 3 pair Hammer Head Nuts
- 4 each Corner Connectors

CAT. NO.	GASKET COLOR	FINISH
FTG2GDSA	Gray	Satin Anodized
FTG2GDBN	Black	Brushed Nickel

Minimum each: 1 each.



* FC2GF and FW2GF Optional Channels must be ordered separately.

Go to crlaurence.com/office-partitions for a full selection of Fallbrook Series Office Partition Systems and Components.



Ordering Information: Hinges, Locks, and Glazing Channel must be ordered separately (see crlaurence.com/office-partitions).

go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

542Z

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

CRL
U.S. ALUMINUM

CRL Fallbrook **XL Series** Office Partition System

NEW!

- When Insulating Glass Sidelite Panels Are Used for Noise Reduction and Reduced Sound Transmission
- Accommodates Insulating Glass Sidelite Panel Thicknesses of 13/16", 7/8", 15/16", 1", and 1-1/8" (20, 22, 24, 26, and 28 mm)
- Accommodates 3/8" and 1/2" (10 and 12 mm) Thick Monolithic Tempered Glass Doors, or 1-9/16" (40 mm) Thick Wood Doors
- Front Load Dry Glazed System With No Exposed Fasteners
- Available in Satin Anodized and Brushed Nickel Finishes
- EPDM Gasket

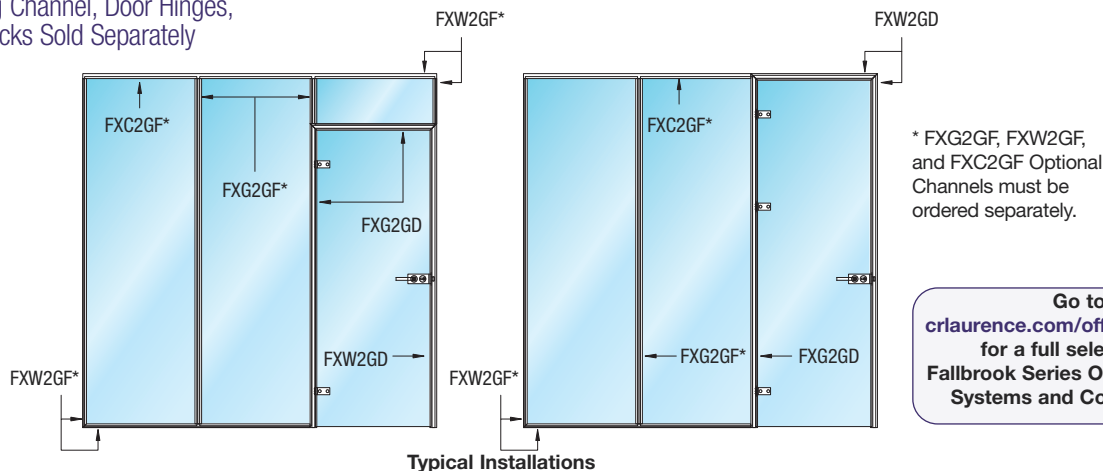


The Fallbrook **XL Series** Office Partition System is for use when insulating glass sidelite panels are utilized for noise and sound reduction. This system allows you to create an office front with a "floating" door frame aesthetic, and the slim profile allows maximum transparency. The Fallbrook **XL Series** is designed to accommodate 3/8" or 1/2" (10 or 12 mm) thick monolithic tempered glass doors, as well as 1-9/16" (40 mm) thick wood doors. The insulating glass sidelite panels can be 13/16", 7/8", 15/16", 1", or 1-1/8" (20, 22, 24, 26, or 28 mm) thick.

For additional information, please visit us online at crlaurence.com/office-partitions or contact Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for extension 7770. You can also send an email to partitions@crlaurence.com.

CRL Fallbrook **XL Series** Door-to-Glass Door Frame Set

- Glazing Channel, Door Hinges, and Locks Sold Separately



Go to crlaurence.com/office-partitions for a full selection of Fallbrook Series Office Partition Systems and Components.

Each Set Includes:

- 2 each 96-7/16" (2.45 m) lengths of Door Frame
- 1 each 43-5/16" (1.1 m) length of Door Frame
- 1 each Strike Plate
- 3 pair Hammer Head Nuts
- 4 each Corner Connectors

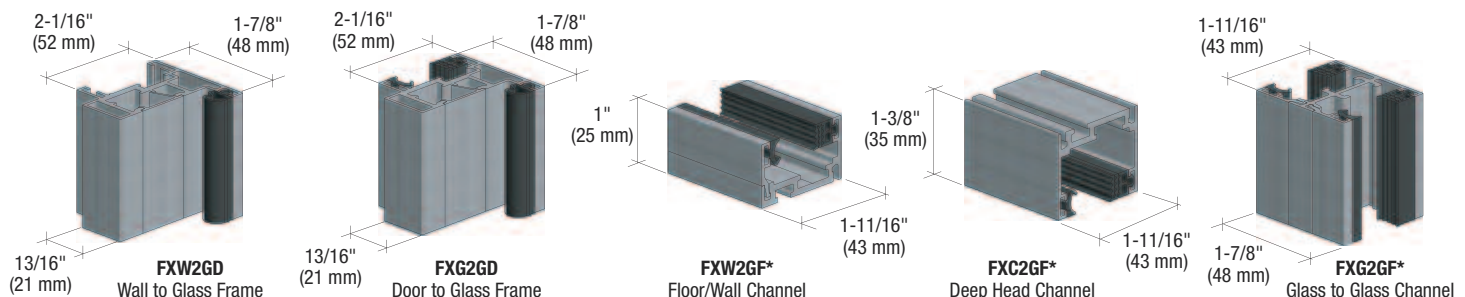
CAT. NO.	GASKET COLOR	FINISH
FXTG2GDSA	Gray	Satin Anodized
FXTG2GDBN	Black	Brushed Nickel

Minimum order: 1 each.



Ordering Information:

Hinges, Locks, and Glazing Channel must be ordered separately (see crlaurence.com/office-partitions).



go to crlaurence.com to search for

office-partitions

Search

or enter the Catalog Number for complete product information

543Z

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





CRL Clear View Office Partition System

NEW!

- Full-Length Door Rails Utilize the Patented Wedge-Lock® Dry Glaze System
- Ideal for Office Fronts, Conference Rooms, Lobbies and Waiting Rooms
- Available in Six Standard Architectural Finishes With Custom Finishes Available Upon Request
- 3/8" to 3/4" (10 to 19 mm) Tempered Glass



CRL Clear View Frameless Glass Wall Office Systems provide the same seamless aesthetics as our CRL Cascade System, but with full-length, door and sidelite rails. Your choice of pivoting and sliding door options are designed to accommodate nearly any space. CRL Clear View Pivoting Systems are available in different configurations with rugged door closer options concealed within the floor, ceiling, or floating header, giving you a glass system that is completely tailored to your design.

Standard finishes are satin anodized, black/bronze anodized, black powder coat, brushed stainless, polished stainless, and polished brass. Custom finishes are available upon request.

For additional information visit us online at crlaurence.com/clear-view, or contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also send an email to partitions@crlaurence.com.

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.





Design by Clive Wilkinson Architects. Photo: Ema Peter

CRL Cascade Office Partition System

- Patch Fittings and U-Channels
- Minimal Hardware Allows for Maximum Natural Light Transmission
- Ideal for Office Fronts, Conference Rooms, Lobbies and Waiting Rooms
- Available in Six Standard Architectural Finishes With Custom Finishes Available Upon Request
- For Use With 3/8" to 3/4" (10 to 19 mm) Tempered Glass

NEW!



U.S. ALUMINUM™
INTERIOR PRODUCTS

CRL Cascade Frameless Glass Wall Office Systems provide clean, uninterrupted spans of "all-glass" partitions with minimal hardware. Slim patch fittings yield maximum natural light transmission while delivering a minimalist aesthetic to complement any contemporary interior. Frameless sliding configurations are available featuring our 'Softbrake' braking system. Cascade Systems are available in different configurations with rugged door closer options concealed within the floor, ceiling, or floating header, giving you a glass system that is completely scalable and adaptable to your project requirements.

Standard finishes are satin anodized, black/bronze anodized, black powder coat, brushed stainless, polished stainless, and polished brass. Custom finishes are available upon request.

For additional information visit us online at crlaurence.com/cascade, or contact our Technical Sales Department at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also send an email to partitions@crlaurence.com.

NOTE: For maximum door sizes when using this product, CRL follows GANA Guidelines.



go to crlaurence.com to search for

cascade

Search

or enter the Catalog Number for complete product information

545Z

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



CRL EZ GLAZE Soundstrips

- Creates a Seal Between Glass Panels
- Simple to Install - No Adhesives
- Available in Extra Clear or Black in Sizes for 1/4", 3/8", and 1/2" (6, 10, and 12 mm) Thick Glass

MODEL **NEW!**

CRL EZ GLAZE Soundstrip is an extruded silicone gasket designed to reduce sound, smoke, and odors through glass-to-glass (butt) joints. It's most commonly used in interior office spaces where tenants wish to utilize partial and full-height glass partitions to reduce sound transmission. Unlike wet glazing with silicone sealants, EZ GLAZE Soundstrip is easy to apply, saving the labor required to mask and apply silicone, plus the clean-up afterward. It can be installed from one side of the glass with simple roller tools, or by hand it cuts easily, and will not bubble like silicone sealants. Does not adversely affect laminated glass. EZ GLAZE is available in extra clear or black for 1/4" (6 mm), 3/8" (10 mm), and 1/2" (12 mm) thick glass. Recommended gap between the lites of glass is 1/4" (6 mm). Rolls are 100' (30.5 m) in length.



EXTRA CLEAR EZ GLAZE SOUNDSTRIP - 100' (30.5 M) ROLL

CAT. NO.	COLOR	FITS GLASS THICKNESS
EZ14XC	Extra Clear	1/4" (6 mm)
EZ38XC	Extra Clear	3/8" (10 mm)
EZ12XC	Extra Clear	1/2" (12 mm)

Minimum order: 1 Roll. Sizes and colors can be combined for quantity pricing.

BLACK EZ GLAZE SOUNDSTRIP - 100' (30.5 M) ROLL

CAT. NO.	COLOR	FITS GLASS THICKNESS
EZ14BL	Black	1/4" (6 mm)
EZ38BL	Black	3/8" (10 mm)
EZ12BL	Black	1/2" (12 mm)

Minimum order: 1 Roll. Sizes and colors can be combined for quantity pricing.

CRL Vacuum Ratchet and Turnbuckle Tensioning Kits

- Ideal For Joining Glass Partitions
- Uses Two S108 Vacuum Lifters (Included)
- Pulls With Tremendous Force

The CRL Tensioning Kits are designed to pull two flat surfaces or seams together. They are perfect for glass-to-glass butt joints or any situation in which flat, nonporous surfaces need to be pulled together.

While one set is handy, large panels usually need two sets, one on each corner, for an even pull. The ratchet or turnbuckle can be removed in order to use the Lifters alone as manual lift aids.



Ratchet Tensioning Kit
(Includes two each S108 Vacuum Lifters)



Turnbuckle Tensioning Kit
(Includes two each S108 Vacuum Lifters)

CAT. NO.	DESCRIPTION
G0284	Ratchet Tensioning Kit
G0285	Turnbuckle Tensioning Kit

Minimum order: 1 each. **NOTE:** Replacement S108 Vacuum Lifters are available (see page 552Z).

CRL CLEAR STRIPS FOR GLASS JOINTS

MORE CHOICES
crlaurence.com/joint-strips

CRL Clear Copolymer Strips

SIZE **NEW!**

- Pre-Applied Clear Adhesive Tape on All Models
- Sleek Appearance
- 120" (3.05 m) Lengths
- Dimensional Drawings at crlaurence.com
- Safe With Laminated Glass

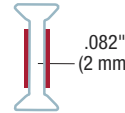


or



180 Degree Joint

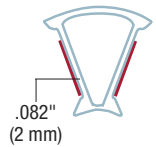
- A Clear Slimline Finish Between Two Glass Panels
- NEW Model for 3/4" (19 mm) Glass Thickness



CAT. NO.	FOR GLASS THICKNESS
EZCC88	5/16" (8 mm) Laminated Glass
EZCC10	3/8" (10 mm) Tempered Glass
EZCC108	3/8" (10.8 mm) Laminated Glass
EZCC12	1/2" (12 mm) Tempered Glass
EZCC128	1/2" (12.8 mm) Laminated Glass
EZCC19	3/4" (19 mm) Tempered Glass

135 Degree Joint

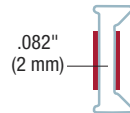
- A Connecting Joint Between Fixed Panels at 135 Degrees



CAT. NO.	FOR GLASS THICKNESS
EZCA10	3/8" (10 mm) Tempered Glass
EZCA108	3/8" (10.8 mm) Laminated Glass
EZCA12	1/2" (12 mm) Tempered Glass
EZCA128	1/2" (12.8 mm) Laminated Glass

Abutment Joint

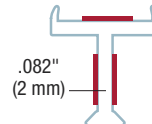
- For Use Between Glass Panels at 90 Degrees



CAT. NO.	FOR GLASS THICKNESS
EZCE10	3/8" (10 mm) Tempered Glass
EZCE108	3/8" (10.8 mm) Laminated Glass
EZCE12	1/2" (12 mm) Tempered Glass
EZCE128	1/2" (12.8 mm) Laminated Glass

3-Way Joint

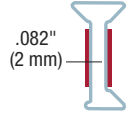
- For Connection Between Three Glass Panels at 90 Degrees



CAT. NO.	FOR GLASS THICKNESS
EZCT10	3/8" (10 mm) Tempered Glass
EZCT108	3/8" (10.8 mm) Laminated Glass
EZCT12	1/2" (12 mm) Tempered Glass
EZCT128	1/2" (12.8 mm) Laminated Glass

90 Degree Corner Joint

- For Corners at 90 Degrees



CAT. NO.	FOR GLASS THICKNESS
EZCL10	3/8" (10 mm) Tempered Glass
EZCL108	3/8" (10.8 mm) Laminated Glass
EZCL12	1/2" (12 mm) Tempered Glass
EZCL128	1/2" (12.8 mm) Laminated Glass

CRL Clip-On Clear Copolymer Strips

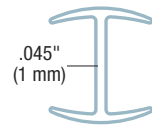
- Pre-Applied Clear Adhesive Tape On Most Models
- Clips Over the Glass Joint
- 120" (3.05 m) Lengths
- Safe With Laminated Glass



or



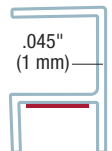
180 Degree Joint



No Tape (Pressure Applied)

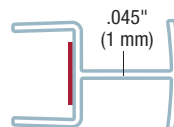
CAT. NO.	FOR GLASS THICKNESS
CLON10	3/8" (10 mm) Tempered Glass
CLON108	3/8" (10.8 mm) Laminated Glass
CLON12	1/2" (12 mm) Tempered Glass
CLON128	1/2" (12.8 mm) Laminated Glass

90 Degree Joint



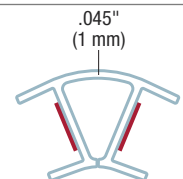
CAT. NO.	FOR GLASS THICKNESS
CLON210	3/8" (10 mm) Tempered Glass
CLON2108	3/8" (10.8 mm) Laminated Glass
CLON212	1/2" (12 mm) Tempered Glass
CLON2128	1/2" (12.8 mm) Laminated Glass

3-Way Joint



CAT. NO.	FOR GLASS THICKNESS
CLON310	3/8" (10 mm) Tempered Glass
CLON3108	3/8" (10.8 mm) Laminated Glass
CLON312	1/2" (12 mm) Tempered Glass
CLON3128	1/2" (12.8 mm) Laminated Glass

135 Degree Joint



CAT. NO.	FOR GLASS THICKNESS
CLON410	3/8" (10 mm) Tempered Glass
CLON4108	3/8" (10.8 mm) Laminated Glass
CLON412	1/2" (12 mm) Tempered Glass
CLON4128	1/2" (12.8 mm) Laminated Glass

Minimum order: Five each of one size and shape. Must be ordered in increments of five. All shapes can be combined for quantity pricing. Must ship common carrier.

go to crlaurence.com to search for

joint-strips

Search

or enter the Catalog Number for complete product information

547Z

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

CRL
ALUMINUM

CRL Water Clear Silicone Sealant

- Optically Clear When Cured
- Applications Include Glass Butt Joints, Shower Enclosures, and Specialty Glass Assemblies

CRL Water Clear Silicone Sealant is an optically clear acetic cure, 100% silicone sealant. Water Clear Silicone cures quickly with a tack-free time of 5 to 10 minutes. It adheres to clean metal, glass, most types of wood, silicone resin, ceramic, natural and synthetic fiber, and most painted surfaces.

Important Note

Exceptional clarity of product will not hide application or tooling errors. A small amount of bubbles may form during the curing process of the sealant, so considerations should be made up front regarding standards of appearance and subsequent repairs. Not recommended for use in the following applications: Glazing or edge sealing of insulating glass; laminated glass, copper, brass, magnesium, zinc, galvanized surfaces. Water Clear Silicone is not mildew resistant. Check cartridge label and Specification Data Sheet online for additional limitations.

10.3 and 5.0 Fl. Oz.
(305 and 148 ml) Cartridges
30 Cartridges Per Case



SPEC. DATA
ONLINE

SDS
ONLINE

Technical Data

Meets or exceeds the test requirements of Federal Specification TT-S-001543A (COM-NBS) Class A for silicone building sealants; TT-S-230C (COM-NBS) Class A, Non-Sag for one-component building sealants; ASTM C-920 Standard Specifications for Elastomeric Joint Sealants as Type S, Grade NS, Class 25, Use NT, G and A; CAN/CGSB-19.13-M97. Meets California Air Resources Board 2003 requirements for Volatile Organic Compound (VOC) content.



CRL Water Clear

CAT. NO.	CONTENTS
WCS1	10.3 Fl. Oz. (305 ml)
WCS5	5.0 Fl. Oz. (148 ml)

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

CRL 33S Silicone Sealant

LEED®

- Our Most Popular Sealant is Available in Eight Colors
- Applications Include Glass Butt Joints



10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

SPEC. DATA
ONLINE

SDS
ONLINE

CRL 33S Silicone is a high quality sealant that delivers the performance you demand at a competitive price. It is a one component, room temperature curing, acetic cure, 100% silicone elastomer that does not require the addition of activators, stabilizers, or catalysts to achieve optimum performance.

CRL 33S Silicone is especially designed for joining and sealing most non-porous building materials including a variety of structural materials: glass, aluminum, metal alloys, stainless steel, wood, and plastics.

Technical Data

Meets or exceeds Federal Specifications: TT-S-001543A (COM-NBS) Class A, for silicone building sealants; TT-S-00230C (COM-NBS) Class A, for one-component building sealants; ASTM C-920 for elastomer joint sealants, Type S, Grade NS, Class 25, Use NT, G, A; CAN/CGSB 19.13-M87.

10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
33SC	Clear
33SMRC	*Mildew Resistant Clear
33SAL	Aluminum
33SBL	Black
33SBRZ	Bronze
33ST	*Tan
33SW	*White
33STW	*Translucent White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing. *Mildew Resistant Color.

CRL RTV408 Neutral Cure Silicone

LEED®

- Available in Eight Colors



10.3 Fl. Oz. (305 ml);
30 Cartridges Per Case;
1440 Cartridges Per Pallet

SPEC. DATA
ONLINE

SDS
ONLINE

CRL RTV408 is a neutral cure, medium modulus, 100% silicone sealant. It cures to a tough, flexible rubber when exposed to moisture. It is designed to have primerless adhesion to the following common building materials: aluminum, stainless steel, chromium, tin, iron, plastics, rigid PVC, phenolic resin, glass, ceramic, and most reflective coated glasses. It is also non-corrosive to all common building components.

Technical Data

TT-S-001543A (COM-NBS) Class A, for Silicone Building Sealants; TT-S-00230C (COM-NBS) Class A, Non-Sag for One-Component Sealants; ASTM C-920 Standard Specifications for Elastomeric Joint Sealants as Type S, Grade NS, Class 25, Use NT, G, A and O; AAMA 802.3-92 Type 1, 802.3-92 Type 2, 805.2-94 and 808.3-92; CGSB 19.13-M87.

10.3 FL. OZ. (305 ML) CARTRIDGES

CAT. NO.	COLOR
RTV408C	Clear
RTV408AL	Aluminum
RTV408BL	Black
RTV408BRZ	Bronze
RTV408BGE	Beige
RTV408DT	Dark Tan
RTV408T	Tan
RTV408W	White

Minimum order: 1 each. All cartridge sealants can be combined for quantity pricing.

LEED is a registered trademark of U.S. Green Building Council Corporation

go to crlaurence.com to search for

silicone-sealants

Search

or enter the Catalog Number for complete product information

548Z

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

CRL
US ALUMINUM



Tools and "Also From C.R. Laurence"

8

PAGES
549Z - 580Z

A to Z Index

Adhesive Tapes

Architectural Metals

Architectural Railing Systems

Assistance in Finding Products

Automotive Products

Cleaning and
Maintenance Products

Extrusions

P-Series Post Railing Systems

Phone, Fax, and Email Directory

Screen Security Products

Shower Door Hardware

Standoff and Glass
Connection Systems

Swivel Fittings

Tools and Accessories

Transaction Hardware and
Hospitality Products

U.S. Aluminum Storefront and
Curtain Wall Products



These products and more can be found in this catalog section. On the top and 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 **More Choices** in that category. To view **More Choices**, simply click on the red and white icon to be taken to a larger selection.

MORE CHOICES
crlaurence.com

SECTION 8 INTRODUCTION

MORE CHOICES
crlaurence.com/tools

CRL Tools and Accessories

PAGES 549Z-557Z

- Metal Cutting Saws
- Glass Handling Equipment
- Shims
- Laser and Measuring Tools
- Vacuum Lifters
- Adhesives Tapes

"Making do" with tools and accessories can sometimes lead to shortcuts that show up in the end result. On the other hand, using CRL Professional Tools and Accessories can lead to a job well done, and give your company a reputation for the highest quality. For that reason CRL offers a selection of Metal Cutting Saws, Laser and Measuring Tools, Vacuum Lifters, Dollies, Shims of all types, and more.



Also From C.R. Laurence

PAGES 558Z-575Z

- U.S. Aluminum Storefront Systems
- U.S. Aluminum Curtain Wall Systems
- Architectural Railing Systems
- Architectural Metals
- Frameless Shower Hardware
- Transaction, Hospitality, Standoffs, Security Screens, Automotive, and Glazing Products



Although you may know CRL best from using our Architectural Hardware, Glass Entrance Systems and Products, we also offer other product lines that may help you diversify your business investments. Please go to crlaurence.com to view all opportunities for you to expand your business.



CRL Technical Sales Directory

PAGES 576Z-578Z

- Phone, Fax, and Email Directory
- CRL Business Groups

When you need technical information, C.R. Laurence wants you to work with the best qualified individual, not be transferred from desk to desk, or get the "run-around". That is why we established divisions within the company to get you the answers you require in the most expeditious manner. Pages 576Z to 578Z define our Business Groups. Each has a dedicated phone extension, email address, and fax number. Please utilize this information when requesting help from CRL. You will be helping yourself by letting qualified CRL Professionals serve you.



go to crlaurence.com to search for

tools

Search

or enter the Catalog Number for complete product information

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

CRL
U.S. ALUMINUM

CRL 4" x 6" Horizontal/Vertical Metal Cutting Band Saw

NEW!

- Cuts Everything From Brass and Aluminum to Rugged Alloy and Tool Steels
- Ultimate in Metal Cutting Versatility
- Two-Position Rocker Switch With Safety Lock-Off
- 0-55 Degree Left Miter Cuts on Horizontal
- 120V 7AMP 1 HP Motor With Three Speeds
- U.L. Certified

Quickly and accurately cut rectangular work pieces up to 4" x 6" (102 x 152 mm), and round 4-1/2" (114 mm) diameter pieces using the Band Saw's adjustable horizontal and vertical positions. Choose from three speeds to cut everything from brass and aluminum to rugged alloy and tool steels. Includes a 1/2" x 0.025" x 64-1/2" (13 x .64 x 1638 mm) blade (14 TPI), plus a heavy-duty stand with two wheels.



Replacement Blade

CAT. NO.	DESCRIPTION
BND5W1 BND5WB64	120 Volt 4" x 6" Horizontal/Vertical Band Saw* Replacement Blade

Minimum order: 1 each. *Must ship common carrier.

CRL Makita® 12" Cold Cut Metal Chop Saw

- 60 Tooth Carbide Blade Supplied With Saw is Ideal for Cutting Mild Steel
- Optional 12" x 1" Arbor 76 Tooth Carbide Blade Available for Cutting Thin Gauge Steel, or Stainless Steel Such as Cladding

The CRL Makita® 12" (305 mm) Cold Cut Metal Chop Saw is supplied with a 60 tooth dry cutting carbide blade that is excellent for cutting mild steel, such as many hand and cap rails. No lubrication or coolant required. The Saw has a fixed angle head and adjustable fence/clamp stop to allow 0 - 45 degree cutting. A 4-1/2" (114 mm) maximum cut depth can be achieved at 90 degrees. This Cold Cut Metal Chop Saw is powered by a 15 Amp, 1300 RPM motor.

NOTE: For cutting thin gauge steel and stainless steel (such as cladding) without causing distortion or flaring, use Cat. No. A91039 12" x 1" (305 x 25 mm) Arbor 76 Tooth Carbide Blade (purchased separately).



CAT. NO.	DESCRIPTION
LC1230 A90532 A91039	110 Volt 12" Cold Metal Chop Saw With A90532 Blade Replacement 12" x 1" Arbor 60 Tooth Carbide Saw Blade Optional 12" x 1" Arbor 76 Tooth Carbide Blade for Stainless Steel

Minimum order: 1 each.

CRL Makita® 18 Volt Cordless Metal Cutting Saw Kit

- 2" (51 mm) Maximum Cutting Depth
- 3600 RPM No Load Speed
- 30 Tooth Carbide Blade for Mild Steel and Aluminum Cutting Included

VIDEO



The dry cutting BCS550 Metal Cutting Saw Kit 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 Carbide Saw Blade is engineered for stainless steel cutting only, and should not be used on aluminum.



CAT. NO.	DESCRIPTION
BCS550 BCS550SS BL1830 DC18RA A95794	18 Volt Cordless Metal Saw Kit 18 Volt Cordless Metal Saw Kit with A95794 Blade for Stainless Steel Replacement 18V DC Lithium-Ion Battery Cartridge Replacement 18V Lithium-Ion Battery Charger - 110 Volt 5-3/8" (137 mm) 56 Tooth Carbide Blade for Stainless Steel

Minimum order: 1 each.

Makita is a registered trademark of Makita Corporation.

go to crlaurence.com to search for

saws

Search

or enter the Catalog Number for complete product information

549Z

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

CRL
ALUMINUM

CRL Cross-Line Self Leveling Laser Kit

- Self-Leveling Within 3 Degrees, 49 Foot (15 meter) Range
- Locking Mechanism Blocks Self Leveling and Locks Display
- 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.

CRL Standard Spot Laser Tool

- Establishes Plumb and Level
- Projects Laser Beams 3 Ways
- Self-Leveling Within 6 Degrees



The CRL Standard Spot Laser Tool gives you the convenience of a torpedo level with the quality of information available only from a professional point-to-point laser. Three bright laser points allow the PLS3 to be used anywhere on the job site for level reference and point-to-point plumb from floor to ceiling, or from up to 50 feet (15.2 m) off the ground. Weighing only 12 ounces (.33 kg), this hand held unit operates on three AA batteries (not included) for up to 30 hours. It comes with a leather carrying pouch, operating manual, and one-year manufacturer's warranty. Minimum order is one each.

CAT. NO. PLS3

CRL Deluxe Spot Laser Tool

- Establishes Plumb, Level, and Square
- Projects Laser Beams 5 Ways
- Self-Leveling Within 8 Degrees



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, gates, doors, windows, railings, 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 one-year manufacturer's warranty. Minimum order is one each.

CAT. NO. PLS5

CRL 5-Point Laser Level

- Increases Productivity - Projects Plumb, Level, and Square Laser Points
- Electronically Motorized Leveling
- Range Up to 100 Feet (30.5 m)
- Carrying Case Included



The CRL 5-Point Laser Level eliminates set-up time and ensures accuracy. It transfers and aligns level, plumb, 90 degrees, and grade points. The robust housing is water and dust proof to ensure years of dependable operation. Includes: laser tool, multi-purpose attachment, recalibration wrench, laser enhancement glasses, mounting strap, and carrying case. Requires three AA batteries (not included). Minimum order is one each.

CAT. NO. GPL5

CRL Laser Distance Measurer

- Measures to 130 Feet (39.6 m) With Accuracy of 1/8" (3 mm) or Better
- Measures Distances, Areas, and Volumes for Material Estimates



This CRL Laser Distance Measurer will measure up to 130 feet (39.6 m) and display the distance in either feet-inch-fractions, decimal feet, inches, or meters. The built in calculator will also calculate area or room volume. The automatic memory function stores the 10 most recent measurements. Accuracy is within 1/8" (3 mm). Minimum order is one each.

CAT. NO. 3356L

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

CRL POLYCAST® Protractor/Angle Finder

- High-Impact POLYCAST® Plastic Construction
- Adjustable Angle Pointer for Marking Angles
- Magnetic Base



The CRL Magnetic POLYCAST® Protractor/Angle Finder measures any angle from 0 to 90 degrees in any quadrant. It comes with a dampened pendulum for quicker readings and an adjustable angle pointer for marking and transferring angles. The magnetic back and base provides "hands-free" use when working with ferrous surfaces. Minimum order is one each.

CAT. NO. 36MPP

CRL "Anglefix" Measuring Tool

- Measures Angles Quickly and Precisely
- Built-in-Spirit Levels Help Keep it in Position
- Easy-to-Read Analog Display

The "Anglefix" Measuring Tool is a precision measuring device that works quickly and easily. Built-in horizontal and vertical spirit levels assist in keeping it in position, so you can reliably set and read any angle. The angle measurement is displayed on an easy to read analog display. A clamping screw locks the "Anglefix" in any position. Two types of "Anglefix" are offered. The Mini "Anglefix" is a handy tool for glaziers, interior finishers, and metal workers. The Maxi "Anglefix" is intended for glaziers, carpenters, builders, and metal workers. The Maxi Model is additionally fitted with points, one of which can be removed and fitted with a pencil for compass use.



CAT. NO.	MODEL	LEG LENGTH	MEASURING POINT
TT450	Mini	14-9/16" (370 mm)	No
TT500	Maxi	23-5/8" (600 mm)	Yes

Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL Out-of-Plumb Level Gauge



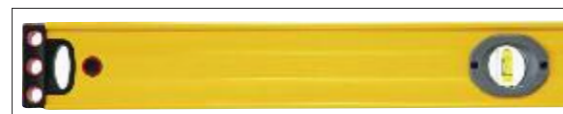
The CRL Out-of-Plumb Level Gauge gives you a precise "Out-of-Plumb" dimension. The Out-of-Plumb Gauge mounts to your level in minutes, or order the Cat. No. HF0172 Level Set. The scale on the side of the Gauge reveals your "Out-of-Plumb" measurement.

CAT. NO.	DESCRIPTION
HF01	Out-of-Plumb Level Gauge
HF0172	Out-of-Plumb Gauge and 72" Aluminum Level Set

Minimum order: 1 each.

CRL Stanley® FatMax® Levels

- Superior Aluminum Structure for Increased Durability
- Shock Absorbing End Caps



The CRL Stanley® FatMax® Levels are constructed with a seamless one-piece aluminum extrusion, and have a level accuracy of 0.0005" (.01 mm). Block vials and shock absorbing end caps assure maximum accuracy and durability. FatMax® Levels also feature non-marring side bumpers to prevent damage when working against finished surfaces.

CAT. NO.	LENGTH
ST43524	24" (609 mm)
ST43548	48" (1219 mm)
ST43572	72" (1829 mm)

Minimum order: 1 each.

Polycast is a registered trademark of Empire Level Mfg. Corp.
Stanley and FatMax are registered trademarks of Stanley Logistics, LLC.

go to crlaurence.com to search for

measuring-tools

Search

or enter the Catalog Number for complete product information

551Z

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

CRL
ALUMINUM

CRL S7950 8" Pump-Action Vacuum Lifter

- Safe Lifting Weight Up to 125 Pounds (57 kg)
- Heavy-Duty Stainless Steel Handle
- Tough ABS Plunger With Red-Line Indicator
- Wide Release Valve Lever With Safety Guard Permits Quick and Complete Release



CAT. NO. S7950
Minimum order: 1 each.

CRL Sure-Grip 8" Vacuum Lifter

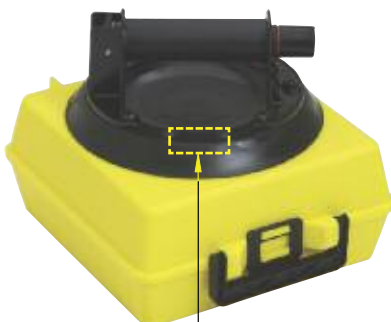
- Greatest Lifting Capacity of Any 8" (203 mm) Pump Activated Vacuum Lifter Up to 150 Pounds (68 kg)
- Comfortable Grip
- Convenient Vacuum Indicator and Release
- Superior "Press and Pump" Attachment Feature



CAT. NO. S338
Minimum order: 1 each.

CRL S108 8" Pump-Action Vacuum Lifter

- Safe Lifting Weight Up to 120 Pounds (54 kg)
- Tough ABS Polymer Handle
- Molded Carrying Case
- Four Extra Mounting Points for Attaching to Lifting Frames and Jigs



Threaded Holes for Mounting



CAT. NO. S108
Minimum order: 1 each.

CRL S110 10" Pump-Action Vacuum Lifter

- Safe Lifting Weight Up to 175 Pounds (79 kg)
- A Bigger Cup for Larger Heavier Loads
- Tough ABS Polymer Handle
- Comes With Protective Carrying Case



CAT. NO. S110
Minimum order: 1 each.

CRL Glass Handling Gloves



CAT. NO. 10
Knit Wrist Gloves



CAT. NO. 12
Gauntlet Cuff Gloves

- Flexible and Smooth Rubber Coating on Fingers and Palms for Handling Glass
- Two Popular Styles With a Very Comfortable Fit

CRL Disposable Nitrile Gloves

- Powder-Free
- 4 mil Thickness
- Superior Durability and Dexterity
- Limited Protection Against Solvents



CAT. NO.	SIZE	QTY/BOX
CRL7M	Medium	100 Each
CRL7L	Large	100 Each
CRL7X	X-Large	100 Each

Minimum order: 1 box. Sizes can be combined for quantity pricing.

Minimum order: 1 pair. Styles can be combined for quantity pricing.

go to crlaurence.com to search for

vacuum-lifters

Search

or enter the Catalog Number for complete product information

552Z

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



CRL Plate Glass Dollies

- Caster Design Allows Turn-on-a-Dime Maneuvering
- Felt Pads Cushion Loads
- Three Available Lengths



CRL Plate Glass Dollies are ideal for moving large glass infills for storefronts and entrances. Their hardwood construction features ball bearing casters and wheels. The 1-1/2" (38 mm) center groove is wide enough for even thick laminated panels. Felt pads on either end cushion loads during movement. Dollies have a capacity of 350 pounds (159 kg). **NOTE:** Not available in Australia.

CAT. NO.	LENGTH
13063	36" (914 mm)
13065	60" (1524 mm)
13066	72" (1829 mm)

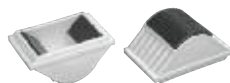
Minimum order: 1 each. Sizes can be combined for quantity pricing.

CRL All Terrain Dolly

VIDEO



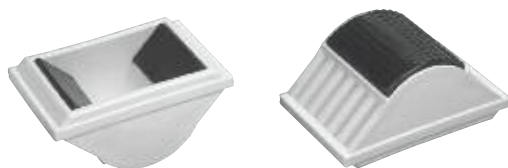
- Terrific for Moving Heavy Glass Panels Around the Job Site
- Goes Where Other Glass Dollies Won't
- Built-In 8" Wood's Powr-Grip® Vacuum Cup
- Includes a Set of Our RB200 Roller Blocks
- 400 Pound (181 kg) Capacity



CRL's All Terrain Dolly is like having an extra person on the job site. Moving large glass lites, insulating units, patio door panels, or even stone slabs across any terrain is now a snap. Curbs, door sills, and scrap lumber are no longer obstacles when your crew is using the All Terrain Dolly. Its large 16" (406 mm) diameter pneumatic tire won't bog down in grass or dirt, common to residential or commercial job sites. This handy device also eliminates back and arm strain associated with carrying heavy loads suspended over long distances. Included is a Wood's 8" (203 mm) Powr-Grip® Vacuum Cup and set of Cat. No. RB200 Roller Blocks to protect the panel's edges once unloaded. The Roller Blocks are stored conveniently inside the frame of the All Terrain Dolly so you always know where to find them. Maximum capacity is 400 pounds (181 kg). Minimum order is one each.

CAT. NO. ATD1

CRL Roller Blocks



- Roller Design Lets You Rotate Heavy Glass Panels With Ease
- Turn Them Over to Use as Resting Blocks
- Rubber Base Ensures Traction

CRL Roller Blocks were developed to aid in the safe handling of large and/or heavy glass panels. Each of these blocks has a cushioned 90 degree inside corner on which to rest the glass while rotating or maneuvering it into position. Maximum capacity is 400 pounds (181 kg) per block. Minimum order is one pair.

CAT. NO. RB200

CRL Two-Wheel Adjustable Glass Dolly

- Perfect for Large and Heavy Glass Panels
- 300 Pound (136 kg) Capacity



With the CRL Two-Wheel Adjustable Glass Dolly, heavy items such as railing panels, storefront doors, framed windows, storm windows, I.G. units or just about any other flat surfaced item can be easily moved in an upright position. The Dolly is adjustable to widths from 2-1/2" to 4-1/2" (63 to 114 mm). The steel carriage is carpeted to prevent marring of the surfaces. Minimum order is one each.

CAT. NO. LD450

Wood's Powr-Grip is a registered trademark of Wood's Powr-Grip Co., Inc.

go to crlaurence.com to search for

glass-dollies

Search

or enter the Catalog Number for complete product information

553Z

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



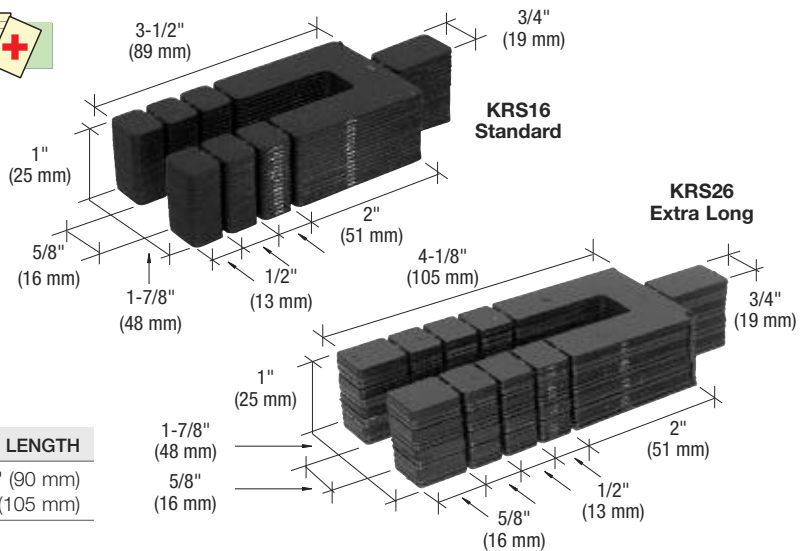
CRL Shimstack Shims

- Adjustable Size Options Lets You Choose the Desired Thickness From 1/16" to 1" (1.6 to 25 mm)
- Standard and Extra Long Sizes

Shimstack Shims give you fast, low cost leveling. 16 heat-sealed pieces make up one 1" (25 mm) stack. Simply snap off individual shims to get the thickness you need. Made of fire resistant, non-staining, black color high-impact plastic with an ASTM rating of 5000 p.s.i. compressive strength.

CAT. NO.	TYPE	THICKNESS	LENGTH
KRS16	Standard	1/16" (1.6 mm)	3-1/2" (90 mm)
KRS26	Extra Long	1/16" (1.6 mm)	4-1/8" (105 mm)

Minimum order: 1000 shims. Must order in increments of 1000. Sizes can be combined for quantity pricing.



CRL Plastic Horseshoe Shims

- 1/16", 1/8", and 1/4" (1.6, 3.2, and 6.3 mm) Thicknesses
- Simplifies All Rail Leveling Requirements

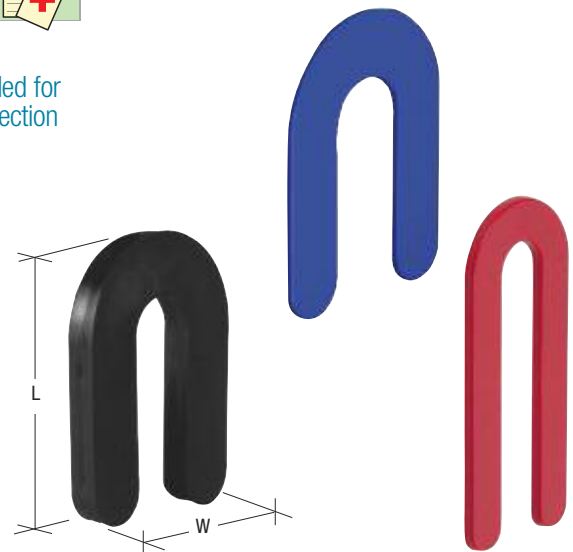
CRL Plastic Horseshoe Shims are made to simplify leveling problems wherever they occur, and have been approved by architects for use in the installation of railings, windows, doors, curtain walls, storefronts, and insulating glass units.

CAT. NO.	COLOR	THICKNESS	"W" WIDTH	"L" LENGTH
PHS4	Black	1/4" (6.3 mm)	1-1/2" (38 mm)	2" (51 mm)
PHS8	Red	1/8" (3.2 mm)	1-1/2" (38 mm)	2" (51 mm)
PHS6	Blue	1/16" (1.6 mm)	1-1/2" (38 mm)	2" (51 mm)
PHS24	Black	1/4" (6.3 mm)	2-5/16" (59 mm)	3" (76 mm)
PHS28	Red	1/8" (3.2 mm)	2-5/16" (59 mm)	3" (76 mm)
PHS26	Blue	1/16" (1.6 mm)	2-5/16" (59 mm)	3" (76 mm)
PHS14	Black	1/4" (6.3 mm)	1-1/2" (38 mm)	3-1/2" (89 mm)
PHS18	Red	1/8" (3.2 mm)	1-1/2" (38 mm)	3-1/2" (89 mm)
PHS16	Blue	1/16" (1.6 mm)	1-1/2" (38 mm)	3-1/2" (89 mm)

Minimum order: 100 shims. Must order in increments of 100. Sizes can be combined for quantity pricing.



- Color Coded for Quick Selection



CRL Jumbo Plastic Horseshoe Shims

- Large 3" x 4" (76 x 102 mm) Size
- Available in Three Thicknesses
- High Impact Styrene

CRL Jumbo Size Plastic Horseshoe Shims are preferred for use in larger installations. These high impact styrene Shims are molded to a jumbo 3" x 4" (76 x 102 mm) size in standard thicknesses of 1/4", 1/8" and 1/16" (6.3, 3.2, and 1.6 mm). Precisely sized and balanced for vertical and horizontal installation.

CAT. NO.	COLOR	THICKNESS	"W" WIDTH	"L" LENGTH
PHS34	Black	1/4" (6.3 mm)	3" (76 mm)	4" (102 mm)
PHS38	Red	1/8" (3.2 mm)	3" (76 mm)	4" (102 mm)
PHS36	Blue	1/16" (1.6 mm)	3" (76 mm)	4" (102 mm)

Minimum order: 100 shims. Must order in increments of 100. Sizes can be combined for quantity pricing.



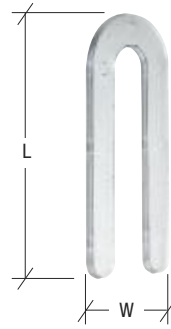
CRL Clear Plastic Horseshoe Shims

- Clear Color Helps Hide Shim
- 1/16", 1/8", and 1/4" Thicknesses



CAT. NO.	THICKNESS	"W" WIDTH	"L" LENGTH
CHS14	1/4" (6 mm)	1-1/2" (38 mm)	3-1/2" (89 mm)
CHS18	1/8" (3 mm)	1-1/2" (38 mm)	3-1/2" (89 mm)
CHS16	1/16" (2 mm)	1-1/2" (38 mm)	3-1/2" (89 mm)

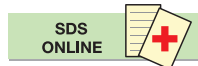
Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.



CRL Clear Plastic Horseshoe Shims are made to simplify leveling problems wherever they occur, and have been approved by architects for use in the installation of railings, windows, doors, curtain walls, storefronts, and insulating glass units. CRL Horseshoe Shims are made of a clear high impact styrene plastic, properly designed and balanced for vertical or horizontal use. Available in three thicknesses 1/16", 1/8", and 1/4" (2, 3, and 6 mm). All sizes have 9/16" (14 mm) space between the legs.

CRL Clear Plastic Setting Blocks

- Barely Visible Blocks are Great for Use in Railing Installations
- 80±5 Durometer Hardness



CRL Clear Plastic Setting Blocks are especially suited for use where black neoprene rubber setting blocks are undesirable, such as 'all-glass' railing installations. Custom size Clear Plastic Blocks are available on special order.

- Available in Six Sizes



CAT. NO.	THICKNESS	WIDTH	LENGTH
PSB040	.040" (1 mm)	1/4" (6 mm)	2" (51 mm)
PSB080	.080" (2 mm)	1/4" (6 mm)	2" (51 mm)
PSB125	1/8" (3 mm)	1/4" (6 mm)	2" (51 mm)
PSB156	5/32" (4 mm)	1/4" (6 mm)	2" (51 mm)
PSB250	1/4" (6 mm)	1/4" (6 mm)	2" (51 mm)
PSB375	3/8" (10 mm)	1/4" (6 mm)	2" (51 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Plastic Bearing Shimstrips

- High Compressive Strength
- Snap Off to Required Length for Every Job



CRL Plastic Bearing Shimstrips are intended for use in placing and leveling of precast panels and tilt slabs. Just snap off the length you need for each job, and stack to the required thickness.

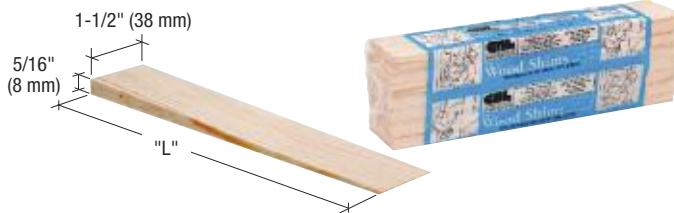


CAT. NO.	THICKNESS	WIDTH	LENGTH
PBS04	1/4" (6 mm)	2" (51 mm)	4" (102 mm)
PBS08	1/8" (3 mm)	2" (51 mm)	4" (102 mm)
PBS06	1/16" (2 mm)	2" (51 mm)	4" (102 mm)

Minimum order: 100 each. Must be ordered in increments of 100. Sizes can be combined for quantity pricing.

CRL Wood Shims

- 8" and 12" (203 and 305 mm) Lengths



CRL Wood Shims can be used in so many ways: for leveling door and window frames, cabinets and large appliances; for stirring paints and stains; for spreading mastics and adhesives. They are handy to use, with no more mess of breaking or cutting shingles.

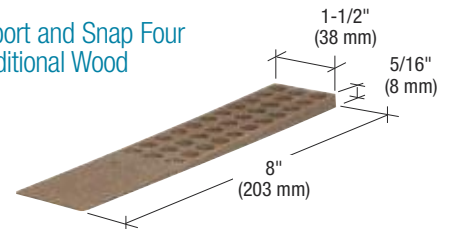
New BEDDAR WOOD® Shims snap off cleaner than pine or cedar. Taper is from 5/16" to 1/16" (8 to 2 mm).

CAT. NO.	TYPE	"L" LENGTH	SHIMS/CTN
NWS9	White Wood	8" (203 mm)	420 Shims
NWS9C	Cedar	8" (203 mm)	432 Shims
NWS12	BEDDAR WOOD®	12" (305 mm)	504 Shims
NWS12B	BEDDAR WOOD®	12" (305 mm)	42 Per Bundle

Minimum order: 1 bundle or carton. Can be combined with other Wood Shims for quantity pricing.

CRL Wood Composite Shims

- 35% Better Load Support and Snap Four Times Easier Than Traditional Wood



This CRL Wood Composite Shim is engineered to high performance standards with reduced material at natural break-points, resulting in less waste while providing great strength. Versatile Composite Shims can be used in so many ways: for leveling railing base shoes, door and window frames, cabinets and large appliances; for stirring paints and stains; for spreading mastics and adhesives. Environmentally friendly, they use no wood from the rain forests or from endangered tree species. Taper is from 5/16" to 1/16" (8 to 2 mm).

CAT. NO.	TYPE	SHIMS/CTN
NWCS8	Wood Composite	32
BWCS8	Bulk Wood Composite	288

Minimum order: 1 carton. Can be combined with all other Wood Shims for quantity pricing.

BEDDAR WOOD is a registered trademark of Airmark, Inc.

go to crlaurence.com to search for

shims

Search

or enter the Catalog Number for complete product information

555Z

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

CRL
ALUMINUM

CRL Super Tip Granite, Marble, and Tile Drill Bits

- Designed for Hammer or Rotary Drills Only
- Four Diameters to Choose From



Carbide "Super" Tip



CRL Super Tip Granite, Marble, and Tile Drill Bits are especially suited for drilling holes 50% faster in stone and tile.

CAT. NO.	DIAMETER	LENGTH
SDB18	1/8" (3.2 mm)	3" (76 mm)
SDB316	3/16" (4.8 mm)	3" (76 mm)
SDB14	1/4" (6.3 mm)	4" (102 mm)
SDB38	3/8" (9.5 mm)	5" (127 mm)

Minimum order: 1 each. Sizes can be combined with other Granite Drills for quantity pricing.

CRL Construction Master® Pro Calculator

- Feet-Inch-Fraction Calculator
- Includes Problem Solving for Stairs, Studs, Drywall, Siding, Panels, and More



CAT. NO. CM6

The Construction Master® Pro quickly finds solutions to challenging building and dimensional problems, and eliminates the need to remember complicated formulas. Enter the numbers just as you would say them and the solutions appear in an instant. Battery included. Minimum order is one each.

CRL 18-Volt Cordless Variable Speed Impact Driver/Drill Kit

- Reversible With Two Speed Ranges: 0 to 500, and 0 to 1150 RPM
- Impact Drill Frequency of 6,400 or 18,000 Strokes Per Minute



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.

CAT. NO.	DESCRIPTION
LD147	18-Volt DC Cordless Impact/Driver Drill Kit
LD147B	Replacement 18-Volt DC Battery Cartridge for LD147
LD147C	Replacement Charger for LD147B 18-Volt Battery - 110 Volt
LD147C240V	Replacement Charger for LD147B 18-Volt Battery - 240 Volt
LD147SW	Replacement Switch for LD147

Minimum order: 1 each. Kit Includes: Driver/Drill, Battery, Charger, Six Drill Bits, Magnetic Bit Holder, plus Molded Carrying Case.

CRL Blue Masking and Trim Securing Tape

- Leaves No Adhesive Residue for Up to Seven Days
- Ideal for Masking Tooled Silicone Joints and Securing Cladding



CRL Blue Masking and Trim Securing Tape is ideal for holding cladding in place on base shoe while silicone cures. Also used as a masking tape for silicone butt glazed joints, or any application where the metal needs to be protected.

CAT. NO.	WIDTH	ROLL LENGTH
BL9934	3/4" (19 mm)	180' (54.8 m)
BL991	1" (25 mm)	180' (54.8 m)
BL99112	1-1/2" (38 mm)	180' (54.8 m)
BL992	2" (51 mm)	180' (54.8 m)

Minimum order: 1 roll. All Masking Tape can be combined for quantity pricing.

Construction Master is a registered trademark of Calculated Industries, Inc.

go to crlaurence.com to search for

tools

Search

or enter the Catalog Number for complete product information

556Z

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

CRL
US ALUMINUM

CRL 3M® Transparent and Translucent Adhesive Tapes

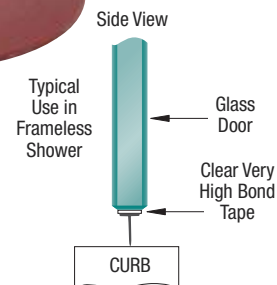
- Bonds to Most Clean, Dry Surfaces Instantly
- Full Strength Attained in 72 Hours
- Widely Used by Frameless Shower Door Installers

CAT. NO.	TYPE	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
490514	Transparent, 3M® VHB® Double-Sided	1/4" (6.3 mm)	.020" (.5 mm)	216' (66 m)	36
491014	Transparent, 3M® VHB® Double-Sided	1/4" (6.3 mm)	.040" (1 mm)	108' (33 m)	36
491012	Transparent, 3M® VHB® Double-Sided	1/2" (12.7 mm)	.040" (1 mm)	108' (33 m)	18
491034	Transparent, 3M® VHB® Double-Sided	3/4" (19 mm)	.040" (1 mm)	45' (14 m)	12
SDT51660	Translucent, *Double-Sided	5/16" (7.9 mm)	.005" (.13 mm)	180' (55 m)	16
867238	Transparent, 3M® Single-Sided	3/8" (9.5 mm)	.006" (.15 mm)	108' (33 m)	24

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing. *SDT51660 is not manufactured by 3M®.



SPEC. DATA
ONLINE



CRL Clear Double-Sided PVC Tape

- Easy-to-Peel Off Liner
- Tape Does Not Stretch

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
4420C	23/64" (9 mm)	.009" (.23 mm)	180' (55 m)	24

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

SPEC. DATA
ONLINE



This CRL Double-Sided PVC Tape adheres to rubber, plastic, glass, metal, and wood substrates. Great for adhering polycarbonate seals to frameless shower doors. Excellent temperature, UV, aging, and water vapor resistance.

CRL 3M® Very High Bond Manufacturing Tapes

- Super Adhesive, High Bonding Strength White Tape Can Replace Rivets, Screws, Spot Welds, and Liquid Adhesives

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
494512	1/2" (12.7 mm)	.045" (1.1 mm)	108' (33 m)	18
3M462412	1/2" (12.7 mm)	.062" (1.6 mm)	108' (33 m)	18
494534	3/4" (19 mm)	.045" (1.1 mm)	108' (33 m)	12
49451	1" (25.4 mm)	.045" (1.1 mm)	108' (33 m)	9
3M4622112	1-1/2" (38 mm)	.045" (1.1 mm)	108' (33 m)	9
49452	2" (50.8 mm)	.045" (1.1 mm)	108' (33 m)	6

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.



SPEC. DATA
ONLINE

Can be used for interior or exterior industrial applications. It applies neatly and easily, conforms to irregular surfaces, and allows concealment during use. It also features excellent resistance to ultraviolet light, solvents, moisture, and plasticizer migration.

CRL Very High Adhesion Foam Tape

- White Double-Sided Self-Adhesive Tape

This tape combines a PVC backing with outstanding acrylic adhesive for secure, reliable mounting of many different materials.

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
4970	1" (25.4 mm)	.009" (.23 mm)	180' (55 m)	36

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.

SPEC. DATA
ONLINE



CRL Acrylic Foam Very Hi-Bond Adhesive Tape

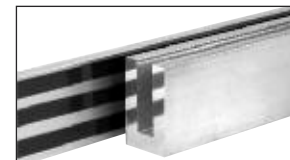
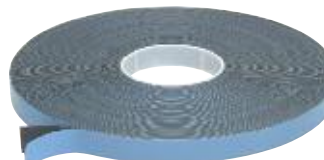
- Can be Used to Adhere Cladding

SDS
ONLINE

SPEC. DATA
ONLINE

CAT. NO.	WIDTH	THICKNESS	ROLL LENGTH	ROLLS/CASE
AT234	3/4" (19 mm)	.045" (1.1 mm)	108' (33 m)	12

Minimum order: 1 roll. All tapes on this page can be combined for quantity pricing.



This CRL Acrylic Foam Very Hi-Bond Tape is designed to replace mechanical fasteners and welds for a variety of applications including: cladding, auto trim attachment, window grids, signs, graphics, and construction use. It's solid acrylic core gives it superior strength, and allows for clean cuts. Best adhesion when applied at temperatures above 50°F (10°C) to 100°F (38°C). Full strength is attained in 72 hours.

3M and VHB are registered trademarks of 3M Company.

go to crlaurence.com to search for

adhesive-tapes

Search

or enter the Catalog Number for complete product information

557Z

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

CRL
ALUMINUM

CRL-U.S. Aluminum Storefront Systems

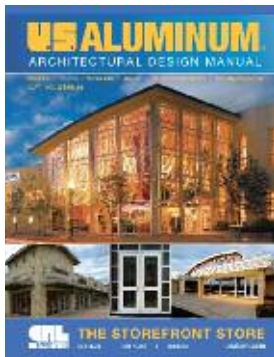


- Modern Systems
- Supplies
- Technical Service
- Leader in the Industry for Over 50 Years

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. Ask for Ext. 5305. You can e-mail us at usalum@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.

KD Storefront Fabrication Service

You Provide the Details and We'll Do the Rest. Let Us Fabricate for You!

Take the guesswork out of quoting your fabrication labor, reduce costly fabrication errors, and, most importantly, save time. Our KD Storefront Fabrication Service provides installation-ready materials and hardware bundled by elevation. Glass sizes and step-by-step installation instructions are included. Our unique combination of quality, inventory, expertise, and turnkey services gives you maximum flexibility and profitability. See crlaurence.com/fabrication.

Advantages of U.S. Aluminum Fully Fabricated Storefronts:

PROJECT EFFICIENCY

- Complete Turnkey, KD Solution Available for Local Pick Up Includes all hardware, gaskets and accessories required for the complete assembly. Materials can be added or removed as required.
- Fast Turnarounds and Rapid Customization
- Materials Bundled by Elevation for Easy Job Site Handling

QUALITY ASSURANCE

- Precise Fabrication Via State-of-the-Art CNC Equipment
- Heavy Wall Packaging with Wood Blocking for Protected Handling of Materials to the Job Site

PEACE OF MIND

- Minimizes Cost and Liability Resulting From Fabrication Errors
- Simply Send Us Your Details and We Can Do the Rest

SINGLE SOURCE ACCOUNTABILITY

We supply the materials, fabricate the extrusions, provide glass sizes, and offer the largest selection of door hardware, installation tools, and supplies to get the job done right.



CRL-U.S. Aluminum Curtain Wall Systems

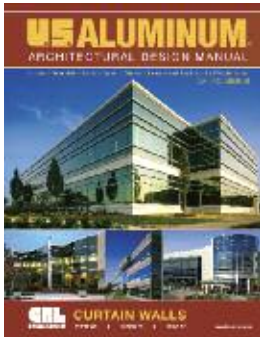


- Modern Systems
- Supplies
- Technical Service
- Leader in the Industry for Over 50 Years

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. Ask for Ext. 5305. You can e-mail us at usalum@crlaurence.com.

Our revolutionary Storefronts Online® estimating software now includes U.S. Aluminum Curtain Walls. Be among the many benefitting from the capabilities of Storefronts Online®. Go to crlaurence.com/SFOL or contact U.S. Aluminum Technical Sales at (800) 262-5151 and ask about how you can receive a FREE 30-day trial.



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.



Architectural Metals Designed, Engineered, and Manufactured by C.R. Laurence

- Architectural Bollards in Stock and Custom Sizes
- Custom Clad Entrance and Storefront Systems
- Custom Break Shaped Aluminum or Architectural Metals
- Custom Metal Column Covers
- Custom Metal Panel Systems
- Custom Ornamental Metals
- Custom Ornamental Hand Rails and Guard Rails
- Custom Canopies



C.R. Laurence Company fabricates custom metals that are both functionally correct and aesthetically pleasing to the eye. We can be involved in all phases of your project, from initial design to delivery, with every step controlled by processes that meet strict ISO standards. Our Los Angeles, California manufacturing staff incorporates fine craftsmanship and experience in the design, fabrication, and finishing of architectural metals.

Some of our work is installed in the finest hotels and retail buildings in North America. You can see examples of it in many commercial and entertainment venues. We're able to be involved in so many projects because we have the versatility to supply what you want, and to do so in a cost-efficient and timely manner.

Custom architectural finishes and textures are always an option, so you won't have to be limited to just a few. We specialize in meeting your requirements.

For more information on custom architectural metals contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7700. You can also send an e-mail to architectural@crlaurence.com.



Available Finishes

- US-32 #8 Polished Stainless Steel
- US-32D #4 Satin Stainless Steel
- US-3 Polished Brass
- US-4 Satin Brass
- US-9 464 Polished Bronze
- US-10 464 Satin Bronze
- US-10B Oil Rubbed Bronze*
- US-28 Satin Aluminum Clear Anodized
- Dark Bronze Anodized
- Custom Powder Coated Finishes
- Custom Plated Finishes
- Custom Brushed Finishes

* NOTE: Finish 613 (US-10B) is unstable and will vary when applied to different alloys or forms of base metal, and to products of different manufacturers.

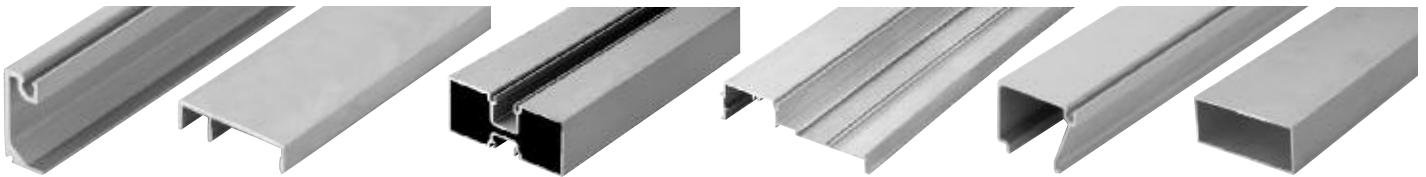


CRL Extrusions and Profiles

The Shapes, Materials, and Finishes You Need, When You Need Them



Selection



Service



Through years of working with the industries, C.R. Laurence Company has developed an extensive line of Extrusions and Profiles that enables professionals to create projects with no limitations of design. Whether you are working with glass, mirror, plastics or other materials, you will find the selection is made of the highest quality materials, in the most commonly used shapes, along with hundreds of special application configurations.

Our material choices of aluminum, stainless steel, brass, and plastic will allow you to use the most appropriate parts in assembling your jobs. Our large selection of finishes makes it easier than ever to accent the applications in either new or existing environments. And if you need something special, custom shapes and finishes can be quoted upon request.

Ordering online at crlaurence.com, by toll free phone, toll free fax, or visiting one of our 40 service center locations is easier than ever. We take a business-to-business approach to every transaction. We are always pleased to receive your orders, and promise to fill them as promptly as possible.

C.R. Laurence's Customer Services are offered in a variety of forms. The CRL Technical Sales Department offers Product Specialist Groups who are trained in the latest product systems and are ready to answer all of your product questions.

Most important is knowing that you can depend on CRL to have the inventory of products you need when you need them. We've invested in huge supplies of Extrusions and Profiles to be ready to serve you.

CRL Architectural Railing Systems

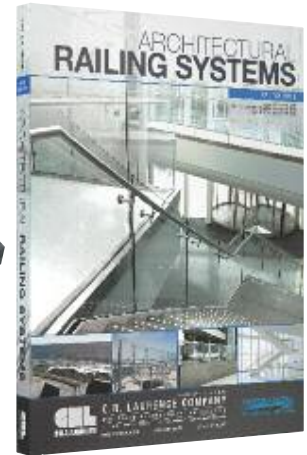
CRL proudly designs and manufactures Architectural Railing Systems for residential, commercial, and institutional needs. It is a comprehensive program that can provide you with Hand Rails, Guard Rails, Balustrades, Windscreens, and Gates that will not only serve their purpose, but also do so in a manner that will add to the aesthetics of the structure into which they are installed.

CRL Railing Systems combine innovative component design and installation techniques refined by experts of railing technology. Materials used throughout are of the highest quality in a variety of architectural finishes.

Our Technical Sales Professionals can help you select and design the Railing System that will best serve your needs. It's a total program that is unmatched by any firm in our industry. For additional information, contact CRL Railing Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7730. You can also send an email to railings@crlaurence.com.



All the latest Railing Systems and related accessories are shown in our **NEW HR18** Catalog. View online at crlaurence.com/catalogs.



Glass Railing Systems

- Available in Diameters From 1-1/2" to 4" (38 to 102 mm) and Up to Six Stock Finishes



Hand Rail Systems

- Available in Stainless Steel, Brass, Aluminum, and Wood
- Round and Square Profiles



Aluminum Railing Systems

- Glass, Picket, Cable, and Custom Systems in a Variety of Colors



Aluminum Windscreen Systems

- For Pools and Spas, Patios, Balconies, and Observation Decks



CRL Heavy Aluminum Base Shoe for Monolithic Tempered Glass

- For 1/2", 5/8", and 3/4" (12, 15, and 19 mm) Thick Tempered Glass



B5S Series



8B Series



B6N/B6S Series



8B58 Series



B7S Series



8B34 Series



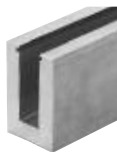
B5T Series



B5L Series

CRL Heavy Aluminum Base Shoe for Laminated Tempered Glass

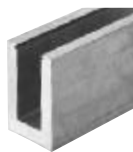
- For 9/16", 11/16", 27/32", and 1-1/16" (13.52, 17.52, 21.52, and 25.52 mm) Thick Laminated Glass



L56S Series



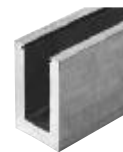
9BL56 Series



L68S Series



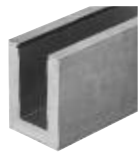
9BL68 Series



L21S Series



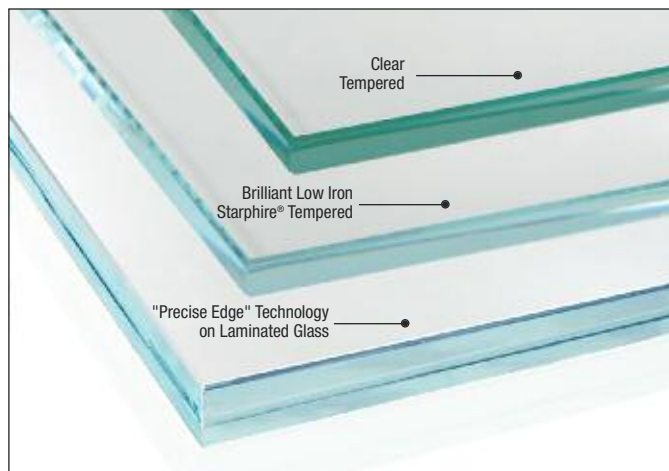
9BL21 Series



L25S Series

CRL Monolithic Tempered and Laminated Tempered "Rail Glass"

For Use With Our Railing Systems



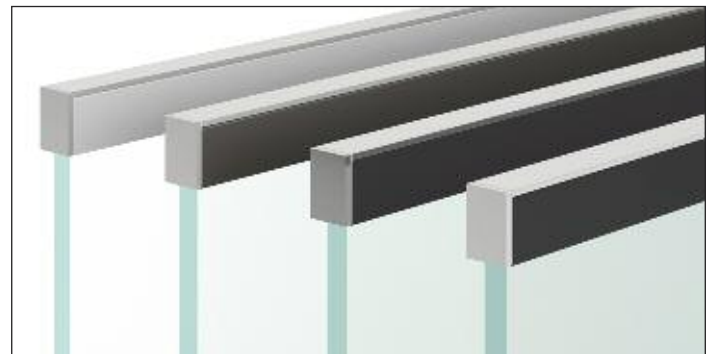
- Proudly Produced in the U.S.A.
- Five Standard Monolithic Glass Thicknesses to Choose From
- Clear Tempered and Low Iron (Starphire®) Glass Types Available
- All Glass Panels Ship Cut and Tempered, Ready to Install
- Custom Sizes, Fabrication, Drilling, and Edge Work Also Available
- Laminated Clear Tempered and Low Iron Starphire® Glass Types Available
- Meets IBC 2015 Building Code Requirements

Starphire is a registered trademark of Vitro, S.A.B. de C.V. Corp.

CRL Two-Tone Cap Rail

NEW!

- Timeless Look of Two Metal Tones In a Modern Form
- Compatible With Our Current Offering of "Crisp Corner" Cap Rail Splices
- Available In Custom Color and Finish Combinations



Add the touch of color that you want, and keep the strength, durability and small profile afforded by stainless steel. At the core of this product is our ever popular "Crisp Corner" Cap Rail topped with an accent of solid stainless steel that protects the painted surfaces from wear. The U-shaped portion in contact with the glass is made from 304 grade stainless steel then powder coat painted with three standard colors, available in four finish combinations.

Standard Finish Combinations:

Matte Black Stainless Steel Base With Brushed Stainless Steel Cap
Matte Black Stainless Steel Base With Polished Stainless Steel Cap
Dark Bronze Painted Base With Brushed Stainless Steel Cap
White Painted Stainless Steel Base With Brushed Stainless Steel Cap

go to crlaurence.com to search for

base-shoe

Search

or enter the Catalog Number for complete product information

563Z

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

CRL
ALUMINUM

CRL Stainless Steel P-Series Post Railing Systems



MODEL **NEW!**



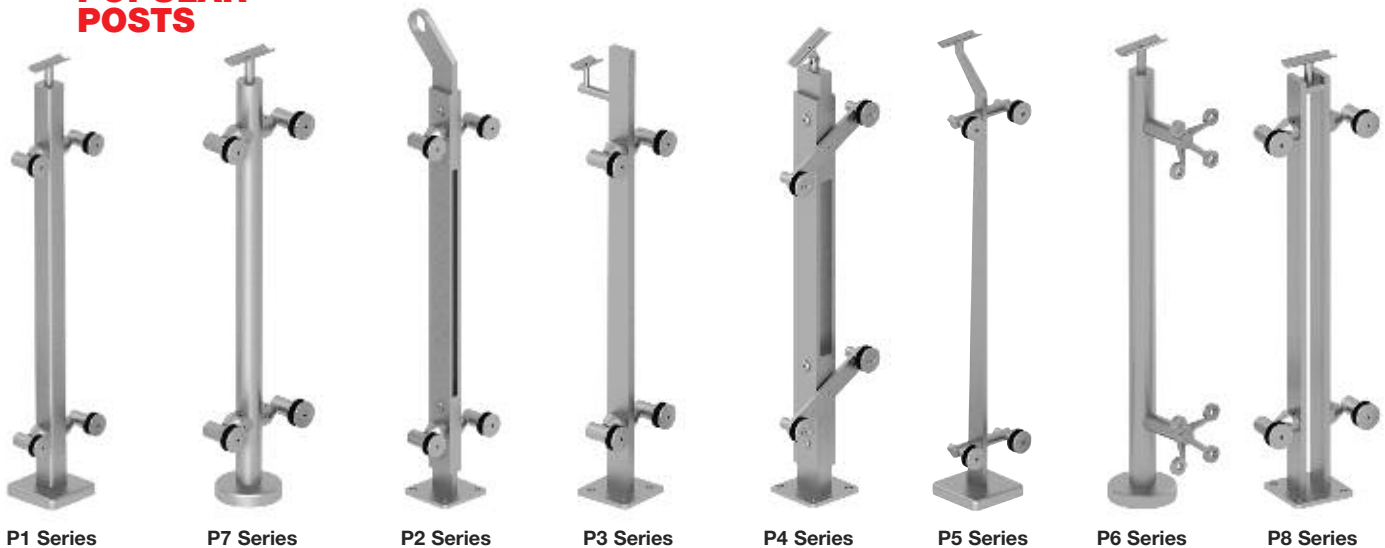
or



A Selection of High Quality Stainless Steel Post Kits and Components

- Complete "Off-The-Shelf" Stock Kits Including Your Choice of Glass Fittings (P7 Series Posts Only)
- Customize Your Own Post Systems From a Choice of Glass Fittings and Components (All P-Series Posts)
- New Blank Posts Available for P1 and P7 Series (Our Most Popular Posts)

OUR MOST POPULAR POSTS



- Railing Posts 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" to 27/32" (12 to 21.52 mm) Thick Tempered Glass
- Two Standard Stainless Finishes, With Custom Powder Paint Finishes Also Available
- Standard 42" (1067 mm) Height, With Custom Heights and Styles Available on Special Order

C.R. Laurence manufactures a comprehensive selection of P-Series Railing Posts 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 Posts 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 stainless steel. The standard height is 42" (1067 mm), with custom heights available 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. **NOTE:** The tempered or laminated tempered glass is sold separately, and must be fabricated with pre-drilled holes to be fastened to the Posts. Please contact CRL Railing Technical Sales for assistance in planning your Post Railing project.



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 Finishes, Plus Custom Finishes



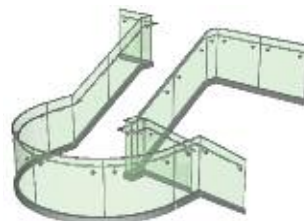
Post Mounted Swinging Gate Shown

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, and ask for Ext. 7730. You can also e-mail us at railings@crlaurence.com.

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
- Generates Accurate Quotes in Minutes
- Six Easy Steps to Design a Railing System, See Them Online at 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.

FREE 30 Day Trial Offer Upon Completion of Introductory Webinar 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.

Hansen Architectural Systems is Now Part of the CRL Family of Brands



Hansen has over 20 years of experience specializing in the design, fabrication, and installation of high-quality Aluminum Railing Systems. Their product offering includes cable railings, glass railings, picket railings, and sun control systems. Architects and contractors have been specifying Hansen's Railing Systems for decades on hundreds of notable commercial and residential projects across the nation. CRL is a leader in the railings industry, and Hansen's strong brand reputation was a logical fit for our ARS Aluminum Railing and AWS Aluminum Windscreen product lines. We look forward to leveraging our strengths to bring our customers Hansen's high-quality products and benefiting from Hansen's expertise in this industry.

For more information and to view products, visit aluminumrailing.com



go to crlaurence.com to search for

railing-systems

Search

or enter the Catalog Number for complete product information

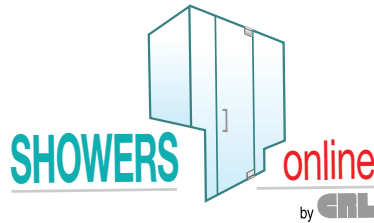
565Z

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

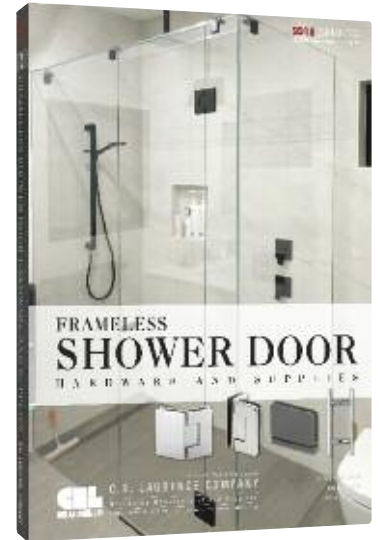


CRL Frameless Shower Door Hardware and Supplies

- Beautiful Architectural Finishes
- Unequaled Selection
- Huge Inventories
- Innovative Solutions
- Online Services
- Expert Technical Assistance



Web-Based Design, Glass Sizing, Quote,
 and Ordering Program go to
crlaurence.com/frameless-showers



CAT. NO. SD18

C.R. Laurence offers the largest variety of Frameless Shower Door Hardware in the glass industry. Our initial offering of the basic Wall Mount Hinge in just two finishes has evolved over the years to over 25 series of Shower Door Hinges in various configurations and beautiful finishes, plus Door Pulls and Knobs, Towel Bars, Glass Clamps, Headers, U-Channels, Thresholds, Frameless Door Kits, Wipes and Seals, Sliding Shower Door Kits, Bathroom Mirrors, and Decorator Accessories.

Reacting to the "wish list" of designers and installers has brought about many of the new products that are now part of our extensive selection. Unsurpassed quality combined with technical expertise, full inventories, and the willingness to listen has contributed to create our complete package of quality hardware backed by unequalled service.

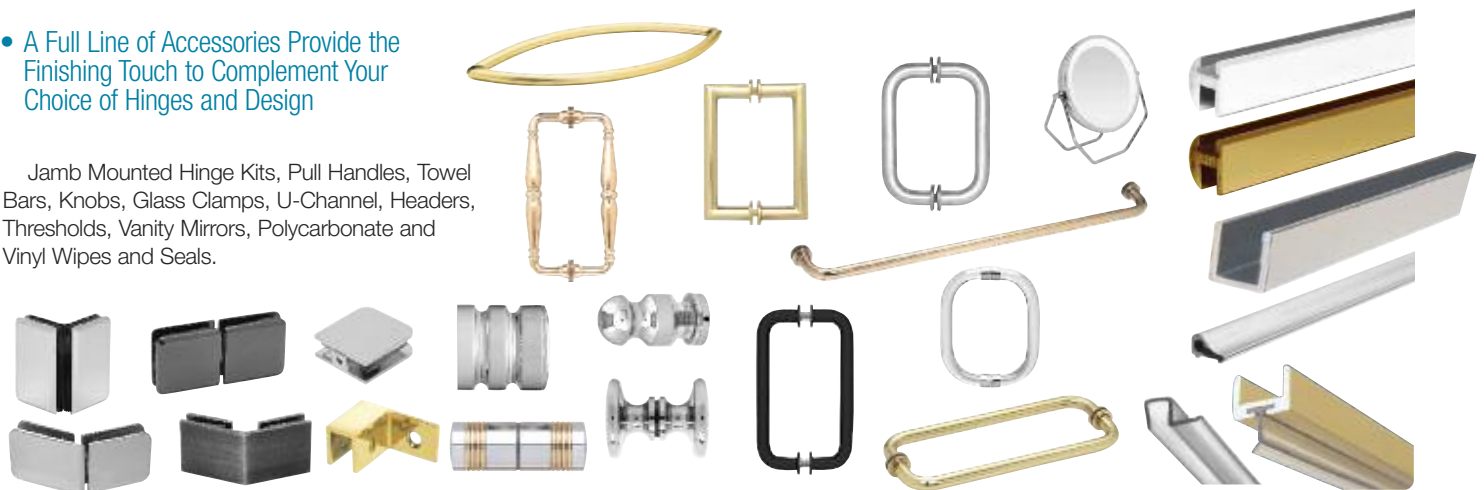
- CRL Offers Over 25 Varieties of Hinge Series to Accommodate 1/4" to 1/2" (6 to 12 mm) Thick Glass, and Match Most Any Modern Bathroom Décor

NEW! MATTE BLACK



- A Full Line of Accessories Provide the Finishing Touch to Complement Your Choice of Hinges and Design

Jamb Mounted Hinge Kits, Pull Handles, Towel Bars, Knobs, Glass Clamps, U-Channel, Headers, Thresholds, Vanity Mirrors, Polycarbonate and Vinyl Wipes and Seals.



CRL Frameless Showers: Innovative Frameless Sliding Systems

Hydroslide Series Sliding Shower Door System

- Excellent Design for Compact Areas



Deluxe Serenity Series Sliding Shower Door System

- Unique Award-Winning Design Gives an Almost Floating Appearance



glass
magazine
award
winner

Essence Series Headerless Sliding Shower Door System

- Beautiful Bottom Rolling System for 1/2" (12 mm) Thick Tempered Glass



Cottage Series Sliding Shower Door System

- Choice of Clear Polycarbonate or Metal Side Jamb



Deluxe Shower Door Header Kits

- Nearly 20 Beautiful Finishes



Frameless Restroom Partition System

- Custom Built to Your Specifications Using CRL Shower Hardware



CRL TRANSPARA™ Vertically Frameless Shower Door System

NEW!



- Doors Shipped "Ready-to-Install" With Door Rails Factory Bonded to 3/8" (10 mm) Thick Tempered Glass
- Doors Rise 1/8" (3 mm) for Quiet Bottom Seal Operation
- Plus or Minus 1" (25 mm) Door Closing Position Adjustment
- Water Management System in Bottom Pivot, and SDTW Vinyl Wipe Integrated Into Door Rail
- Ceiling/Soffit Mount or Header Mount Options Available
- Stock Door Kit or Custom Door Systems Offered
- Stock Doors Prepped With Holes and Supplied With BM6X6 Model Handle
- Fixed Panels Can Be Supplied by CRL or Customer
- Stocked in Four Popular Finishes

STOCK FINISHES:



Brite
Anodized



Brite Gold
Anodized



Brushed
Nickel



Oil Rubbed
Bronze

The NEW Transpara™ Shower Door System offers a truly all-glass aesthetic by being able to handle large glass lites without the need for door hinges or vertical framing. This produces uninterrupted glass visuals that are further enhanced by sleek, low-profile door rails. Matching U-Channel on adjacent fixed panels maintain a continuous sightline across the entire enclosure. With visible hardware being only 3/4" (19 mm) high, Transpara™ delivers the best in contemporary design.



TRANSPARA™

Patent Pending

Appearances can be deceiving; despite having minimal hardware, the thin frames come equipped with innovative performance features. They include a water management system that is integrated into the closing mechanism, and a four-component fitting that uses the weight of the door itself to close. The installer-friendly door comes factory pre-glazed, and requires only two screws to install the bottom pivot.

Stock Door Kits and Custom Kits

READY-TO-INSTALL STOCK DOOR KIT INCLUDES:

- Top Pivot
- Bottom Pivot Set with Mounting Fasteners and Expansion Anchors
- Top and Bottom Rails Bonded Onto the 3/8" (10 mm) Glass Door, with Bushing Pre-installed in the Top Rail, and Pivot Pin and Self-Closing Mechanism in the Bottom Rail
- Four End Caps Bonded Into Place
- BM6X6 Model Tubular Back-to-Back Pull Handle



ITEMS ORDERED SEPARATELY:

- Fixed Panel Glass
- TRA1516UC Fixed Panel U-Channel
- TRAUC1 U-Channel End Caps
- Vertical Seals
- SQH980 Header and TRAHPR1 Pivot Retainer Block (if necessary)

SPECIFICATIONS:

Door Glass Thickness:
3/8" (10 mm) Tempered Safety Glass
Construction: Extruded Aluminum
Door Swing: Full Rotation
Closing Type: Self Closing When Within 45 Degrees of Closed Position
No Cut-Out Required

MAXIMUM CAPACITIES:

Door Weight: 100 lbs/45 kg
Door Width: 31"/787 mm
(Do not exceed either Door Weight or Door Width)

CAT. NO.	DESCRIPTION	FINISH
TRA2884BA	28" x 84" (711 x 2134 mm) Stock Kit	Brite Anodized
TRA2884BGA	28" x 84" (711 x 2134 mm) Stock Kit	Brite Gold Anodized
TRA2884BN	28" x 84" (711 x 2134 mm) Stock Kit	Brushed Nickel
TRA2884ORB	28" x 84" (711 x 2134 mm) Stock Kit	Oil Rubbed Bronze
TRAC1BA	Custom Kit (Specify)	Brite Anodized
TRAC1BGA	Custom Kit (Specify)	Brite Gold Anodized
TRAC1BN	Custom Kit (Specify)	Brushed Nickel
TRAC1ORB	Custom Kit (Specify)	Oil Rubbed Bronze

Minimum order: 1 each.

Go to crlaurence.com/transpara for complete information.

go to crlaurence.com to search for

transpara

Search

or enter the Catalog Number for complete product information

568Z

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



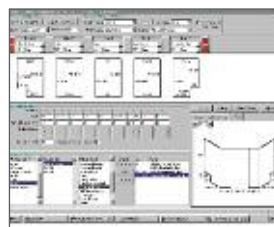
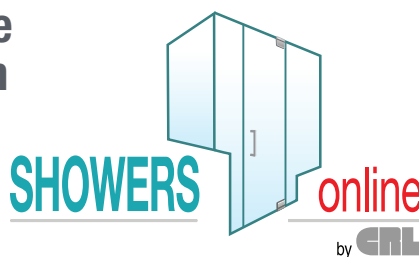
30 DAY FREE TRIAL

crlaurence.com/online-apps



SHOWERS ONLINE® Complete Estimating Software Solution

- 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
- Regular Tutorial Webinar to Introduce Program Effectiveness



GO TO CRLAURENCE.COM/ONLINE-APPS TO ATTEND A WEBINAR AND RECEIVE YOUR **FREE 30 DAY TRIAL**



Contact CRL Technical Sales with all your engineering and design needs. Call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7740. You can also send email to showers@crlaurence.com.

Technical Assistance and Design Criteria

Modern shower and bath enclosures start with an idea, or vision, of an elegant and functional bathing environment that will add beauty and value to a home. Transforming the idea to reality requires not only quality hardware, but a design or plan to integrate the new enclosure into the existing surroundings.

We offer help in two critical areas of shower enclosure construction. First, the design must be evaluated. Will it fit the existing area, or will extensive modifications be required? We can review your plan design to evaluate its suitability for the intended installation. Second, the hardware must be compatible with the intended glazing and layout. Recommendations as to which hinges and accessories will be compatible to a functional design will be offered. We will help you choose the hardware that brings out the very best in your design plans. All of this is part of our effort to bring you not only the best products, but also top level service to match.

Contact CRL Technical Sales with all your engineering and design needs. Call (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7740. You can also send email to showers@crlaurence.com.

CRL Frameless Shower Door Catalog Library and Online Reference Resources



Go to crlaurence.com and enter [frameless-showers](http://crlaurence.com/frameless-showers) in the search box.



CRL Standoff and Glass Connection Systems

**CRL's Family of Standoff Products
 Can Be Used Independently or
 Together to Create Unique Designs**

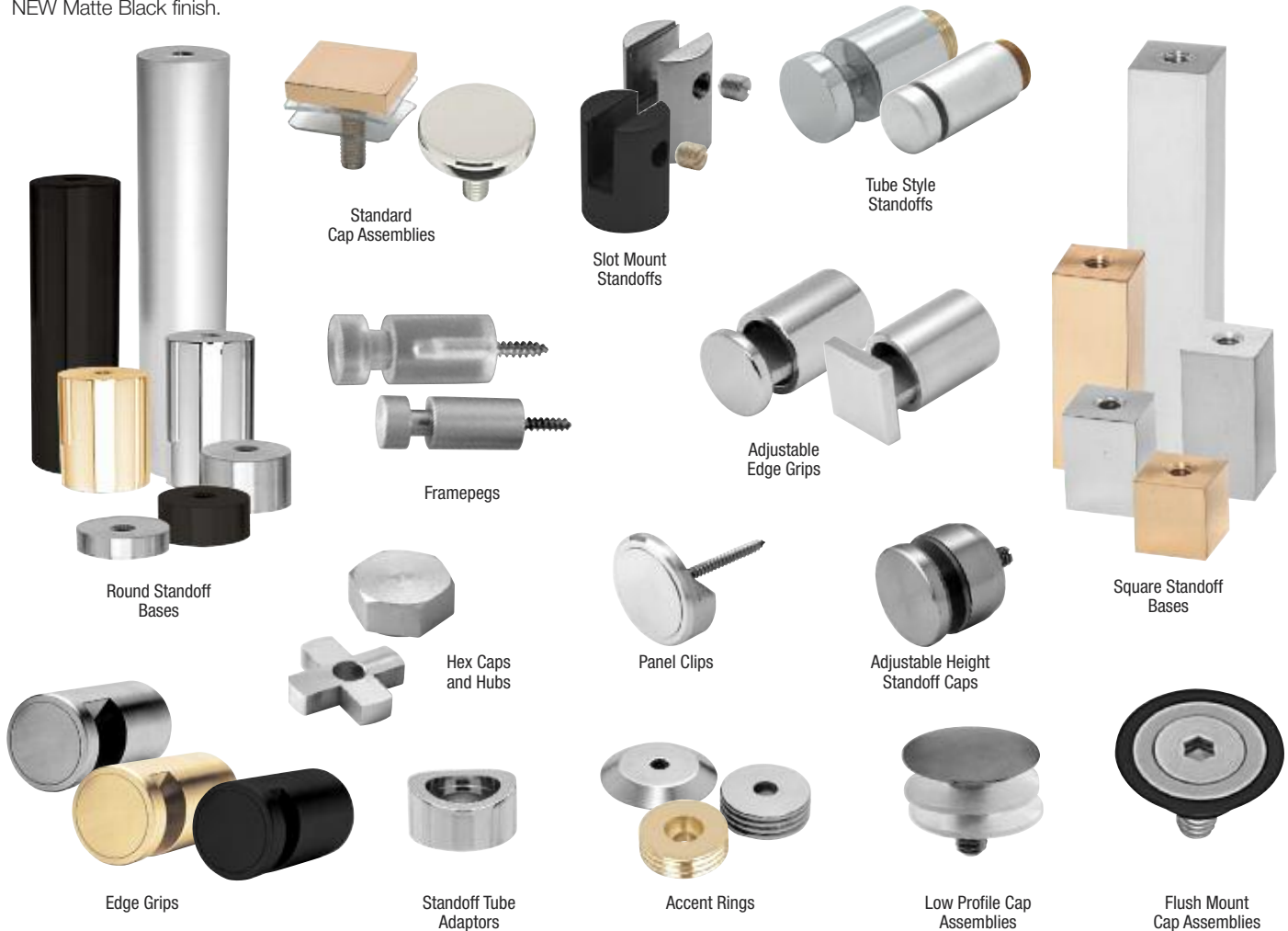
NEW! MATTE BLACK



All the latest Standoff Systems and related accessories are shown in our SC18 Catalog. View online at crlaurence.com/catalogs.

C.R. Laurence has more than Standoffs. We offer a complete family of Standoff related products. From our standard line of Round and Square Standoffs, to Custom Standoffs, Cap Assemblies, Tube Style Standoffs, Edge Grips, Slot Mount Standoffs, Accent Rings, Swivel Fittings, Framepegs, and Mounting Hardware, CRL has everything you will need to create innovative designs in architecture, store fixtures, signage, and furniture.

CRL's Standoff Display System provides architects and designers unlimited resources for retail store, commercial or restaurant applications. Most models are available in Chrome, Brass, Brushed Stainless, Satin Chrome, and Gun Metal finishes, with many other models also offering our NEW Matte Black finish.



CRL Custom Manufactured Standoff Service

- Machined to Your Specifications in Lengths Up to 48" (1219 mm)
- Choose From a Variety of Round and Square Bar Stock Dimensions
- Available in the Following Finishes: Polished Stainless, Brushed Stainless, Polished Brass, Satin Brass, Sandblasted Stainless Steel, Matte Black, and Powder Paint
- Custom Plated Finishes are Also Available
- Miter Cut or Angled Edges Available
- Welded Flanges or Plates Available
- Timely Delivery



CRL Custom Standoff Fittings may require machining, welding, bending, and special finishing. This can all be accomplished with our in-house equipment for the fastest delivery time in the industry. Not only will we bring your design to reality, but our Technical Sales staff is here to assist you with alternate designs or suggestions. We work every day with our customers to fulfill their glass attachment needs. E-mail your Custom Standoff requirements to architectural@crlaurence.com and we will quickly respond with a quotation.



Custom Cap Diameters



Custom Base Diameters



*Custom Base Lengths



Custom Square Caps



Custom Square Base Widths



*Custom Square Base Lengths

*** NOTE:** If diameter is equal to, or less than 2-1/2" (64 mm) or square is equal to, or less than 3" (76 mm), the maximum length is 48" (1219 mm). If diameter is between 3" and 4" (76 to 102 mm), the maximum length is 10" (254 mm).



Bending (on Selected Diameters)



Welding on All Diameters



Precision Machining



Over 1 Million Combined Square Feet of Manufacturing Capacity

go to crlaurence.com to search for

standoffs

Search

or enter the Catalog Number for complete product information

571Z

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



CRL Swivel Fittings



Column Series Swivel Fittings



This display unit was connected using our Column Series Swivel Fittings and our Round Standoffs

Styles of Swivel Fittings

- Column or Arch Style Fittings Available in Wall-to-Glass or Glass-to-Glass Models
- Brushed Stainless Finish
- Swivel to Fit Different Angles
- Choose Surface or Flush Mount Glass Fasteners (Sold Separately)

Arch Series Swivel Fittings



CRL offers two styles of Swivel Fittings. Our Column Style and Arch Style Fittings are used for wall or floor-to-glass applications, and glass-to-glass applications. Surface or Flush Glass Attachments are sold separately. This gives you a choice, depending on your needs. See below for more information.

All the latest Swivel Fitting Systems and related accessories are shown in our SC18 Catalog. View online at crlaurence.com/catalogs.



Typical Configurations:

In today's market the 'all-glass' look is preferred and that makes our Swivel Fittings the perfect component solution. They are designed for a variety of applications, such as connecting glass panels for display, exhibit, and furniture projects. CRL's Column Style and Arch Style Swivel Fittings are available in various models for glass-to-glass and glass-to-wall attachment configurations. There are two forms of glass attachment: Surface Mounted Cap Assemblies require a hole in the glass; Flush Mounted Cap Assemblies need a hole and countersink for installation.

The Swivel Fittings pictured on this page show just a few of the glass attachments that can be accomplished. The following pages display all of the different styles of Fittings with dimensions that will assist you in making the correct product choice for your project. If additional assistance is required, please call CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us at architectural@crlaurence.com.



Additional Swivel Fitting styles and accessories are available on our web site at crlaurence.com/swivel-fittings.

CRL Cleaning and Polishing Products Give Your Projects a Perfect Finishing Touch

Give your projects a perfect finishing touch with CRL's complete assortment of quality cleaning and polishing agents for glass, aluminum, and stainless steel. These easy to apply, hard-working products are formulated to give you bright, squeaky-clean surfaces.

Our glass cleaners have been the standard of the glass industry for decades. Hard water spots and stains can dull the finish of glass and metal surfaces, but with our water spot removers you can make them look like new again. We also offer cleaners and degreasers to polish and protect metal surfaces.

Doing a good cleaning job is always easier with the right tools. Our professional strength wipes clean surfaces without streaking, and absorb moisture faster than traditional paper towels. Our squeegees, scrapers, blades and other maintenance tools are online at crlaurence.com/cleaners.



• Aerosol and Concentrate Glass Cleaners



• Stain and Water Spot Removers



• Surface Protection

• Metal Cleaners, Degreasers, and Polishes



• Professional Quality Wipes



• Stainless Steel Surface Cleaner and Protection



• Cleaning Tools

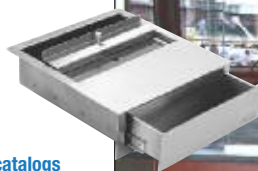


Security and Transaction Hardware

- Bullet Resistant Windows
- Service Windows
- Ticket and Cashier Windows
- Mail Slots and Package Receivers
- Deal Trays and Shelves
- Speak-Thru Devices
- Electronic Communicators
- Transaction Drawers



TH18
SECURITY AND
TRANSACTION
HARDWARE
CATALOG



View Online at crlaurence.com/catalogs
or Ask for Your Copy Today



Hospitality and Service Hardware

- Partition Posts and Booth Dividers
- Food Service Sneeze Guards
- Tray Slide Hardware
- Menu Boards
- Standoffs and Glass Connectors



HS12
HOSPITALITY
AND SERVICE
HARDWARE
CATALOG

**Engineering • Cutting
Drilling • Machining • Welding
Cladding • Painting • Polishing
Assembly • Packaging • Shipping**

View Online at crlaurence.com/catalogs
or Ask for Your Copy Today



Automotive Products

- Auto Glass Adhesives, Sealants, Lubricants, and Cleaners
- Auto Glass Replacement Tools
- Storage and Handling Equipment
- Windshield Repair Systems
- Channels, Moldings, Weatherstrips
- Clips, Fasteners, and Rollers
- Shop Tools and Safety Gear



**CRL43 AUTO GLASS
TOOLS AND
HARDWARE CATALOG**



**TV12A TRUCK AND VAN
ACCENTS CATALOG**

View Online at crlaurence.com/catalogs
or Ask for Your Copy Today



**SFC/CRL Sunroofs
and Parts**



**Van
Windows**



**Truck Sliding
Windows**



go to crlaurence.com to search for

catalogs

Search

or enter the Catalog Number for complete product information

575Z

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

CRL
US ALUMINUM

Business Development

- Questions About an Existing Quote
- Make Changes or Updates to Existing Quote
- Approve Quote and Convert to Order

The newest addition to our Customer Service offerings, the CRL Architectural Hardware Business Development Team provides you with exceptional service for your existing quotes. Once you've requested a quote from our Technical Sales Department, our Business Development Team is your ultimate resource for immediate support.

Ask for Extension

4113

Direct Fax
(323) 584-5252

Direct E-Mail
architecturalquotes@crlaurence.com

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
- Insulating Glass Supplies



Ask for Extension

5275

Direct Fax
(800) 262-3299

Direct E-Mail
glazing@crlaurence.com

U.S. Aluminum

- Storefronts and Entrance Doors
- Hurricane Resistant Systems
- Curtain Walls
- Blast Mitigation Systems
- Window Wall Systems
- Sun Control Systems
- Elephant Doors
- Window Systems



Ask for Extension

5305

Direct Fax
(866) 262-3299

Direct E-Mail
usalum@crlaurence.com

Door and Window Hardware

- Door Closers and Control Hardware
- Residential Window Hardware
- Commercial and Residential Door Hardware
- Screen Wire and Supplies
- Storm Door and Window Supplies
- Patio Door Hardware



Ask for Extension

7520

Direct Fax
(866) 921-0531

Direct E-Mail
glazing@crlaurence.com

Blumcraft® Architectural Metals

- Tubular Architectural Hardware
- Tempered Glass Door Hardware
- Panic Hardware
- Display Case Doors



Ask for Extension

7700

Direct Fax
(800) 587-7501

Direct E-Mail
architectural@crlaurence.com

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



Ask for Extension

7700

Direct Fax
(800) 587-7501

Direct E-Mail
architectural@crlaurence.com

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



Ask for Extension

7730

Direct Fax
(800) 587-7501

Direct E-Mail
railings@crlaurence.com

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



Ask for Extension

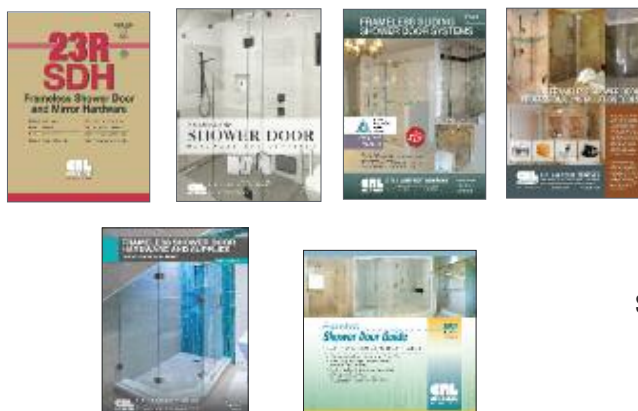
7730

Direct Fax
(800) 587-7501

Direct E-Mail
archmetals@crlaurence.com

Frameless Shower Door Hardware

- Hinges and Clamps
- Knobs and Pull Handles
- Sliding Shower Door Systems
- Towel and Grab Bars
- Vanity and Wardrobe Mirrors
- 'All-Glass' Restroom Partitions
- Shower Installation Tools
- Transpara™ Vertically Frameless System
- CLEAR SPACE Shower System
- Essence Rolling Shower Door System



Ask for Extension

7740

Direct Fax
(800) 458-7496

Direct E-Mail
showers@crlaurence.com

Technical Sales Business Groups

Security, Transaction, and Hospitality Hardware

- Bullet Resistant Exchange Windows
- Drive-Thru and Walk-Up Service Windows
- Food Service Sneeze Guards
- Partition Posts and Booth Dividers
- Safety and Security Mirrors
- Speak-Thru Devices
- Package Receivers
- Barrier Systems



Ask for Extension

7760

Direct Fax
(800) 458-7496

Direct E-Mail
transaction@crlaurence.com

Partition Systems

- Aluminum Office Partitions
- Frameless Glass Partitions
- Area Divider Systems
- Monterey Bi-Folding Door and Wall Systems
- Stacking Glass Partitions
- Sliding Door Systems



Ask for Extension

7770

Direct Fax
(866) 921-0531

Direct E-Mail
partitions@crlaurence.com

Automotive Windows, Sunroofs, and Supplies

- Auto Glass Shop Products
- Auto Glass Tools
- Pop-Up and Electric Sunroofs
- Truck Sliding Rear Windows
- Van and RV Windows



Ask for Extension

7780

Direct Fax
(800) 845-4532

Direct E-Mail
automotive@crlaurence.com

Online Assistance by Telephone:

United States (800) 421-6144

Canada (877) 421-6144

International (323) 588-1281

Ask for Extension

6200

A Key to the Icons Used Throughout This Catalog:



= Links to the entire Product Line to which the original product belongs.



= Product is recommended to be used with laminated tempered safety glass.



= Designates a new product introduced since our last Architectural Hardware Catalog.



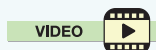
= Product is recommended to be used with insulating tempered safety glass.



= Safety Data Sheets are available from the Product Offer Page at crlaurence.com.



= Designed, Engineered, and Manufactured in the USA by C.R. Laurence Company



= Instructional and informative video available online at crlaurence.com.



= Architectural Specifications are available from the Product Offer Page at crlaurence.com.



= Product is recommended to be used with monolithic tempered safety glass.



= Product cannot ship via any type of air transport.



= Spec. Data is available from Product Offer Page at crlaurence.com.

go to crlaurence.com to search for

contact-us

Search

578Z

or enter the Catalog Number for complete product information

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



1202 Series Interior Doors	186Z-187Z
250 Series Narrow Stile Aluminum Framed Doors	468Z-470Z
400 Series Medium Stile Aluminum Framed Doors	470Z-471Z
487 Series	
AR Double Glaze Office Partition System	525Z-527Z
Door Frame Kits	533Z-534Z
Glazing Gaskets	532Z
Integrated Sliding Doors	524Z
Office Partitions	517Z-532Z
Partition Clips & Screws	531Z
550 Series Wide Stile Aluminum Framed Doors	471Z
800 and 850 Durafront Doors	472Z
900 Series Terrace Doors	473Z
925 Series Patio Doors	473Z

A

Access Control Handles	253Z-267Z
Acrylic Mall Glass Clamps	251Z
ADA Door Closers	303Z-307Z, 309Z, 314Z-316Z, 322Z-328Z, 338Z-339Z
Adams Rite® Deadlocks and Deadlatches	487Z-488Z
Adams Rite® Electric Strikes	274Z-275Z
Adhesive Backed Pile Weatherstrip	174Z
Adhesive Tapes, Hi-Bond	174Z
Adjustable Glass Clamps	252Z
All-Glass Storefronts Online®	108Z
Aluminum and Neoprene Setting Block	142Z-151Z, 153Z, 155Z
Aluminum	
Base Shoe	563Z
Cap Rails	563Z
Extrusions	167Z
Framed Doors	468Z-471Z
Railing System	562Z
Thresholds	494Z-496Z
U-Channel	156Z
Windscreen Systems	562Z
Architectural Metal Systems	560Z
Architectural Railing Systems	562Z
ARS Aluminum Railing System	562Z
Astragal with Weatherstrip	498Z
Atlas Hinge	234Z

B

Balanced Doors	454Z-461Z
Balustrade Systems	562Z-563Z
Bi-Fold Door Systems	406Z-413Z, 416Z-418Z
Blumcraft® Access Control Handles	253Z-270Z
Blumcraft® Doors	180Z-185Z
Bottom Pivot Sets	229Z, 303Z, 313Z, 320Z-321Z, 339Z, 483Z
Bottom Rolling Sliding Door Systems	419Z-431Z
Bottom Track, Rolling Sliding Door	427Z
Bullet Resistant Windows and Doors	574Z
Butt Hinge Reinforcement Backing Plates	478Z, 486Z
Butt Hinges	479Z-481Z

C

Cap Railing	563Z
Cascade Office Partition System	545Z
Center Lock Keepers	236Z-237Z, 241Z-243Z
Center Locks	236Z-243Z
Channels, Glass Entrance	152Z-160Z
Clamps, Glass	252Z
Cleaners	573Z
Clear Acrylic Mall Glass Clamps	251Z
Clear Polycarbonate Wipe With Pile	174Z
Clear Strips for Glass Joint	547Z
Clear View Office Partition System	544Z
Closer Selection Chart	302Z
Column Covers	560Z
Combination Push-Pull Handles	291Z, 296Z
Combination Wide U-Channel/Narrow Header	154Z
Commercial Door Handles	296Z-297Z
Commercial Door Hinges	474Z-481Z

Commercial Door Locks	486Z-488Z
Commercial Patch Hardware	193Z-231Z
Continuous Hinges	474Z-477Z
Convertible Sliding/Pivoting Doors	434Z-435Z, 439Z, 445Z
Cottage Series Frameless Shower Door Kits	567Z
CRL Manufacturing Services	103Z
CRL-U.S. Aluminum Clad Durafront Doors	466Z-467Z
Curved Style Patch Fittings	222Z-224Z
Custom	
Architectural Metals	560Z
Canopies	560Z
Cladding and Brake Metal	560Z-561Z
Door Headers	162Z
Door Rails	116Z-137Z
Entrances	453Z
Floating Headers	164Z
Ornamental Metalwork	560Z
Panel Systems	560Z
Standoffs	571Z
Thresholds	497Z
Windscreen Systems	562Z
Cylinder Locks	170Z-171Z
Cylindrical Lever Locks	539Z-541Z

D

Deadbolt Handles	260Z-262Z
Deadlocks and Latches	491Z-493Z
Deluxe Patch Lock	249Z
Directory, Technical Sales	576Z-578Z
Dollies	553Z
Door	
Chime	500Z
Closers	301Z-348Z
Frame Stop Gasket	532Z
Handles	254Z-267Z, 279Z-297Z
Headers	154Z, 161Z-166Z
Hinges, 'All-Glass'	233Z-234Z
Hinges, Commercial	474Z-481Z
Pressure Gauge	307Z, 315Z
Pulls	279Z-297Z
Rail Floor Locks	168Z
Rails	116Z-140Z
Rails with Offset Arm	219Z
Stops	191Z, 214Z, 228Z, 231Z-232Z, 500Z
Sweeps	498Z
Weatherization	498Z-499Z
Doors, Bi-Fold	406Z-413Z, 416Z-418Z
Doors, Pivoting	188Z-191Z
Doors, Sliding	355Z-405Z, 415Z, 419Z-431Z
Doors, Stacking	350Z-354Z, 432Z-452Z
Dorma® Door Closers	322Z, 328Z, 338Z-339Z
Drill Bits	556Z
Drill Kit	556Z
DRS Door Rail System	110Z-140Z
DRS Sidelite Rails	142Z-151Z
Dummy Handles	264Z
Durafront Entrance Doors	472Z
Dustproof Keepers	168Z, 285Z

E

E-mail Directory, Technical Sales	576Z-578Z
Easy Slide Stacking Partition System	449Z-452Z
Edge Seals and Wipes	174Z
Egress Control Handles	266Z-267Z
Electromagnetic Locks	271Z-273Z
Electronic Egress Handles	266Z-267Z
Enclosure Kits, Shower	567Z-568Z
End Caps, U-Channel	152Z-153Z, 155Z, 157Z-159Z
Entice® Entrance System	176Z-179Z
EPDM Roll-In Gasket	144Z, 152Z-153Z, 155Z, 157Z
European Curved Patch Locks	223Z
European Patch Fittings	200Z-201Z, 203Z, 205Z, 209Z-211Z, 221Z, 223Z
European Patch Locks and Keepers	221Z, 223Z
EZ Glaze Soundstrips	546Z
EZ-Slide Door Systems	389Z-392Z

EZ-Tone Door Chime	500Z
--------------------------	------

F

Fallbrook Office Partition System	542Z-543Z
Fax Directory, Technical Sales	576Z-578Z
Fittings, Spider	501Z-516Z
Floating Headers	163Z-165Z
Floor Closer Spindles	329Z, 335Z, 338Z
Floor Mounted Door Closers	328Z-345Z
Floor Mounted Free Swinging Pivots	229Z, 232Z, 321Z
Flush Bolts	493Z
Frameless	
Glass Windscreen System	562Z
Shower Door Hardware	566Z-569Z
Sliding Door Handle	368Z
Sliding Shower Kits	567Z-568Z
Free Swinging Pivots	229Z, 232Z, 321Z
Full Framed Door Systems	462Z-473Z
Full Surface Hinges	474Z-477Z

G

Glass	
Awning Systems	560Z
Balustrade Systems	562Z-563Z
Clamps	252Z
Dollies	553Z
Hand Railing Systems	562Z
Laminated Tempered	109Z
Monolithic Tempered	109Z
Partitions	433Z-452Z, 542Z-545Z
Presence Indicators	299Z
Railing Systems	562Z-563Z
Wall Spider Fittings	501Z-516Z
Windscreen Systems	562Z
Glass Door	
Access Control Devices	253Z-270Z
Handles	279Z-295Z
Hinges	233Z-234Z
Keepers	221Z, 228Z, 236Z-237Z, 242Z-243Z, 245Z-246Z
Locks	220Z-221Z, 223Z, 228Z, 236Z-237Z, 240Z-241Z, 243Z-246Z, 248Z-249Z
Patch Hardware	198Z-232Z
Weatherstrips	172Z-174Z
Glass Doors, Sliding	355Z-405Z, 415Z, 419Z-431Z
Glass Entrance System	
Channels	152Z-160Z
Door Rails	110Z-140Z
Headers	161Z-166Z
Sidelite Rails	142Z-151Z
Glass-to-Glass Swivel Fitting	572Z
Glazing Gasket	144Z, 152Z-153Z, 155Z, 157Z
Gloves	552Z

H

Handles	
Access Control	253Z-267Z
Back-to-Back	286Z-295Z
Deadbolt	260Z-262Z
Dummy	264Z
Electronic Egress	266Z-267Z
Ladder Style	286Z-289Z
Lever Style	244Z-247Z
Locking Ladder Style	280Z-285Z
Panic	254Z-258Z
Hat Channel Door Closer Header	166Z
Headers, Overhead Concealed Door Closer	161Z-164Z, 166Z
Heavy Glass Sliding Door Systems	349Z-368Z, 383Z-388Z, 391Z-405Z, 414Z-415Z, 419Z-431Z
Heavy-Duty Bottom Roller Assembly	427Z
Heavy-Duty Spider Fittings	502Z-506Z
Herculite™ + Style Doors	112Z
Hi-Bond Adhesive Tapes	174Z
Hinge Backing Plates	478Z, 486Z
Hinges, Commercial	474Z-481Z

Hinges, Frameless Shower.....566Z
Hospitality and Service Hardware.....574Z
Hydraulic Patch Fitting.....211Z

I

Impact Door Kit.....488Z
Indicator, Locking.....285Z
Indicators, Glass Presence.....299Z
Interchangeable Cores.....169Z
Interchangeable Floor Closer Spindles.....329Z, 335Z, 338Z
IVES® Center-Hung Pivot.....483Z

J

Jackson® Overhead Concealed Door Closers.....303Z-309Z
Jackson® Panics.....488Z-489Z

K

Keepers, Center Lock.....236Z-237Z, 241Z-243Z
Keyed Cylinder Locks.....170Z-171Z
Kits, Post Railing.....564Z

L

Ladder Style Pull Handles.....286Z-289Z
Laguna Series Pivot Door System.....188Z-191Z
Laguna Series Sliding Door System.....355Z-368Z
Laminated Tempered Glass.....109Z
Laser Tools.....550Z
Levels.....551Z
Lever Handles.....247Z
Locking Ladder Pull Keepers.....285Z
Locking Ladder Pulls.....280Z-285Z
Low Profile
Cap Assembly.....570Z
Center Locks and Glass Keepers.....243Z
Door Rails.....116Z-119Z
Patch Door Rails.....138Z, 195Z
Sidelite Rails.....142Z-143Z
Thumbturns.....170Z

M

Magnetic Door Retainers.....500Z
Magnetic Locks.....271Z-273Z
Maintenance Products.....573Z
Mall Front Clamps.....250Z-251Z
Manual Flush Bolts.....493Z
Manufacturing Services.....103Z
Measuring Tools.....551Z
Medium Stile Aluminum Doors.....470Z-471Z
Metal
Canopy Systems.....560Z
Cladding.....560Z
Column Covers.....560Z
Custom Ornamental.....560Z
Sunshade Systems.....560Z
Mini Mall Front Clamps.....251Z
Mini Spider Fittings.....514Z
Mojave Series Doors.....462Z-463Z
Monolithic Tempered Glass.....109Z
Mortise Cylinders.....170Z-171Z
Mortise Housings, Interchangeable Core.....169Z

N

Narrow Floating Headers.....163Z-164Z
Narrow Header.....163Z
Narrow Stile Aluminum Doors.....468Z-470Z
North American Patch Fittings.....198Z-199Z, 202Z, 204Z, 206Z-208Z, 226Z
North American Patch Locks and Keepers.....220Z-221Z
Norton® Power Door Operator.....325Z

O

Office Partitions.....517Z-545Z
Offset Pivot Sets.....342Z, 347Z, 485Z-487Z
Oil Dynamic Patch Fitting.....211Z

Online Catalog.....106Z
Online Storefronts Design Program.....108Z
Ornamental Metalwork.....560Z
OT Series Sliding and Bi-Fold Doors.....415Z-418Z
Out-of-Plumb Level Gauge.....551Z
Overhead Concealed Door Closers.....303Z-324Z
Overhead Stops and Holders.....348Z
Overhead Track Sliding and Bi-Fold Doors.....415Z-418Z

P

P-Series Post Railing System.....564Z
Panics.....256Z-258Z, 488Z-490Z
Partition Posts.....574Z
Partition Systems, Office.....517Z-532Z
Patch Door Rails.....138Z-140Z, 195Z-197Z
Patch Hardware.....198Z-232Z
Patch Inserts.....230Z-231Z
Patio Doors.....473Z
Phone Directory, Technical Sales.....476Z-478Z
Pile Weatherstrip.....174Z, 499Z
Pivot Door Systems.....188Z-191Z
Platinum Series Doors.....464Z-465Z
Polycarbonate Wipe With Pile.....174Z
Post Railing Systems.....564Z
Power Door Operator.....325Z
Presence Indicators.....299Z
PTH Series Patch Fittings.....228Z
Pull Handles.....286Z-297Z
Push-Pull Combination Handles.....291Z, 296Z
Push-Pull Indicators.....298Z
PVC Setting Blocks.....532Z

R

Railing System Information.....562Z
Railing, Aluminum.....562Z
Rails, Door.....113Z-140Z
Rails, Sidelite.....142Z-151Z
Regular Duty Spider Fittings.....507Z-513Z
Regular U-Channels.....153Z
Reinforcement Backing Plate, Butt Hinge.....478Z, 486Z
Rigid Head Glass Attachment.....502Z, 507Z, 516Z
Rixson®
Electromagnetic Door Holders.....500Z
Floor Mounted Door Closers.....340Z-345Z
Overhead Stops and Holders.....348Z, 485Z
Walking Beam Pivot.....346Z, 484Z
Roll-In Glazing Gasket.....144Z, 152Z-153Z, 155Z, 157Z
Rotor® Continuous Hinges.....476Z-477Z

S

S Style Ladder Pulls.....288Z
Saddle Thresholds.....494Z-497Z
Saws.....549Z
Schlage® Locks.....271Z, 273Z
SDC® Locks.....271Z-273Z
SDR Series Sliding Door System.....420Z-423Z, 427Z-428Z
Securitron® Locks.....271Z
Setting Blocks, PVC.....532Z
Shallow U-Channel.....152Z
Shims.....554Z-555Z
Shower Door Hardware.....566Z-569Z
Sidelite Rails.....142Z-151Z
Silicone Sealants.....548Z
Single Track Sliding Door Systems.....389Z-394Z
Slender Profile Door Rails.....128Z-129Z
Sliding Bi-Fold Door Systems.....415Z-418Z
Slip-On Locks.....248Z-249Z
Small Format Interchangeable Cores.....169Z, 285Z
Snap-In Filler Strips.....152Z-153Z, 155Z, 162Z
Spanner Head.....191Z
Spanner Wrench.....191Z
Spider Fittings.....501Z-516Z
SPS Stacking Partition Systems.....432Z-452Z
SSR Series Sliding Door System.....420Z, 424Z-428Z
Stacking Partition Systems.....432Z-452Z
Stainless Steel Thresholds.....495Z-497Z

Storefront Door Hinges.....478Z
Storefronts Online Design Program.....108Z
Straddle Lock, Bottom Rolling Sliding Door.....427Z
Strike Plates.....168Z, 232Z
Sunshade and Canopy Systems.....560Z
Surface Mounted Door Closers.....325Z-327Z
Swivel Head Glass Attachment.....502Z, 507Z, 516Z

T

Tapered Door Rails.....116Z-117Z, 120Z-121Z, 130Z-131Z, 138Z-140Z
Tapered Sidelite Rails.....142Z, 144Z, 148Z
TAPER-LOC® Dry Glazed Railing System.....562Z
Tapes, Adhesive.....174Z
Telephone Directory, Technical Sales.....576Z-578Z
Tempered Glass.....109Z
Terrace Doors.....473Z
Thresholds.....494Z-497Z
Thru-Glass Door Pull.....368Z
Thumbturn Cylinders.....170Z-171Z
Title 24 Compliant Doors.....462Z-463Z
Tools and Accessories.....549Z-557Z
Top Hung Sliding Door Systems.....355Z-404Z, 415Z
Top Load Roll-In Glazing Gasket.....157Z
Transaction and Security Hardware.....574Z
Translucent Bulb Seal.....174Z

U

U-Channel, Glass Entrance.....152Z-157Z, 159Z
Universal Hinge Replacement Kit.....478Z
Universal Spanner Wrench.....191Z
U.S. Aluminum Curtain Wall Systems.....559Z
U.S. Aluminum Doors.....462Z-463Z, 468Z-473Z
U.S. Aluminum Storefront Systems.....558Z

V

Vacuum Lifters.....552Z
Variant Series Pull Handles.....295Z
Vernon Hinge.....233Z
Vertical Weatherstyle Kits.....173Z
Very Hi-Bond Tape.....174Z
Vinyl Rollers.....532Z
Von Duprin® Panics.....490Z

W

'W' Anti-Walking Block.....532Z
Walking Beam Pivots.....331Z, 336Z-337Z, 339Z, 346Z, 482Z-484Z
Wall Panel Systems.....560Z
Weatherstyle Kits.....173Z
Weatherstrip Kits.....172Z-173Z
Wedge-Lock® Door Rail System.....110Z-127Z, 130Z-140Z
Wet/Dry Glaze U-Channels.....156Z
Wide Stile Aluminum Doors.....471Z
Windo-Pile Weatherstrip.....499Z
Windscreen Systems.....562Z
Wood Flush Doors.....537Z





Z

Zipper Pile Weatherstrip.....499Z



FOUR WAYS TO ORDER

CRL Gives You Ordering Options
to Suit Your Preference

-  Online
-  Over the Phone
-  By Fax
-  In Person



Online Ordering: Buy Direct From Our Online Catalog

crlaurence.com is the Store That Never Closes, Offering More of What You Want, When You Need It

Online shopping just got easier. CRL Express Ordering streamlines the entire process by automatically associating your preferred payment method with your most frequently used shipping address. Complete the simple activation process once, and start placing every order with only two clicks.



Start saving time and try CRL Express Ordering today by:

1. Click on **Your Account**
2. Click on **CRL Express Ordering**
3. Click on **Turn Express Ordering On**

Order it Quicker

Make re-ordering simple with CRL Personal Catalog. Visit crlaurence.com/personal-catalog

Can't Find What You're Looking For?

Click on the **"Contact Us"** button at the top of crlaurence.com. We have a dedicated online Customer Service Department ready to assist. Response time is short during regular business hours, and we will work to help you find what you're looking for. Visit crlaurence.com/support.



Call Us Toll Free: (800) 421-6144

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

For over 40 years CRL has provided toll free ordering at **(800) 421-6144**. 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. In Australia our number is **1800 424 275**. In Europe our freephone number is **00 800 0421 6144**.



Toll Free Fax: (800) 262-3299

Convenient, Familiar, and With Assured Delivery

Despite being well into the digital age with plenty of internet-based alternatives, sending and receiving documents via fax is still recognized as an essential business communication tool worldwide. Unlike e-mail, fax correspondences acknowledge that a document has been delivered, giving you the confidence that your order has been received. To send your orders or quote requests by toll free fax from anywhere in the U.S. or Canada, just dial **(800) 262-3299**. In Australia the number is **1800 813 013**. In Europe the freefax number is **00 800 0262 3299**.



Your Local Service Center Will Call Trade Counter

When You Need It Today, Our Will Call Trade Counter is Your Fastest Option

Every CRL Service Center has a Will Call Trade Counter where you can place and pick up your orders in person. Want to start your project sooner? Leverage our **Express Pickup Desk** by placing your order in advance via phone, fax, or online, and we'll have your order ready and waiting for you. Will Call hours are 8 am to 5 pm Monday through Friday, and 8 am to 12 pm Saturdays. Find your Service Center Will Call at crlaurence.com/locations.



Who May Buy

C.R. Laurence is a manufacturer and wholesale distributor. Possession of this catalog, or any other CRL sales literature, does not constitute an offer to sell. Orders from individuals (except professional tradesmen) may not be accepted.

ARCHITECTURAL HARDWARE GLASS ENTRANCE SYSTEMS

DOOR AND FRAMES	08 1000
SPECIALTY DOORS AND ENTRANCES	08 3000
ENTRANCES	08 4200
STOREFRONTS	08 4300
POINT SUPPORTED STRUCTURAL GLASS	08 4426
DOOR HARDWARE	08 7100
INTERIOR SPECIALTIES	10 2000
PARTITIONS	10 2200

INNOVATIVE ARCHITECTURAL SYSTEMS DESIGNED
AND ENGINEERED BY C.R. LAURENCE COMPANY

CAT. NO. AH18



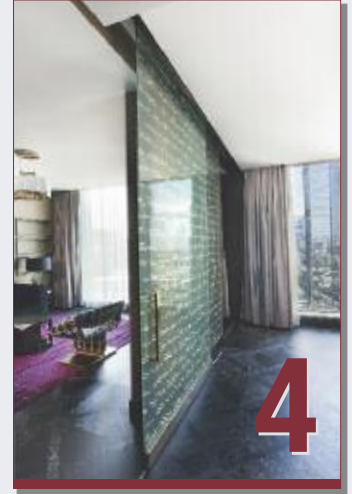
**Glass Entrance Systems
For Herculite™+ Doors**
PAGES 109Z - 252Z



**Access Control Handles,
Door Pulls, and Locks**
PAGES 253Z-300Z



**Door Closers and
Door Control Hardware**
PAGES 301Z-348Z



Sliding Glass Door Systems
PAGES 349Z-452Z



**Framed Doors and
Commercial Hardware**
PAGES 453Z - 500Z



Spider Fittings
PAGES 501Z - 516Z



Office Partition Systems
PAGES 517Z - 548Z



Tools and Accessories
PAGES 549Z - 580Z



C.R. LAURENCE CO., INC.

Corporate Headquarters
Post Office Box 58923, Los Angeles, CA 90058-0923
International Phone: (323) 588-1281
International Fax: (323) 581-6522

© Copyright 2017, C.R. Laurence Co., Inc.

ARCHITECTURAL HARDWARE

Phone: (800) 421-6144 or (323) 588-1281 Ext. 7700
Direct Fax: (800) 587-7501 or (323) 584-5289
Direct E-Mail: architectural@crlaurence.com

crlaurence.com

usalum.com

crl-arch.com