

# TRANSACTION AND SECURITY HARDWARE

08 58 00 SPECIAL FUNCTION WINDOWS  
08 71 00 DOOR HARDWARE  
08 74 00 ACCESS CONTROL LOCK SYSTEMS  
08 88 56 BALLISTICS RESISTANT GLAZING

## TH10 CATALOG

- *SERVICE WINDOWS*
- *TICKET AND CASHIER WINDOWS*
- *MAIL SLOTS AND PACKAGE RECEIVERS*
- *DEAL TRAYS AND SHELVES*
- *SPEAK-THRUS*
- *TRANSACTION DRAWERS*
- *BULLET RESISTANT WINDOWS*
- *SAFETY AND SECURITY MIRRORS*



# CRL<sup>®</sup>

C.R. LAURENCE COMPANY  
crlaurence.com



# Transaction and Security Hardware Catalog TH10

The CRL Transaction and Security Hardware Catalog features a complete selection of products for the secure transfer of cash and merchandise, as well as an array of builders hardware lines for entryways and exits.

The TH10 features: Deluxe and Standard Service Windows, Pass-Thru Track Hardware, Bullet Resistant Windows and Barrier Systems, Speak-Thru Devices, Mail Slots and Package Drops, Deal Trays and Transaction Drawers, Package Receivers, Ticket/Cashier Windows, Commercial Door Handles, Security Locking Hardware, Access Control Devices, Safety and Security Mirrors, and Bulletin Board Cases.

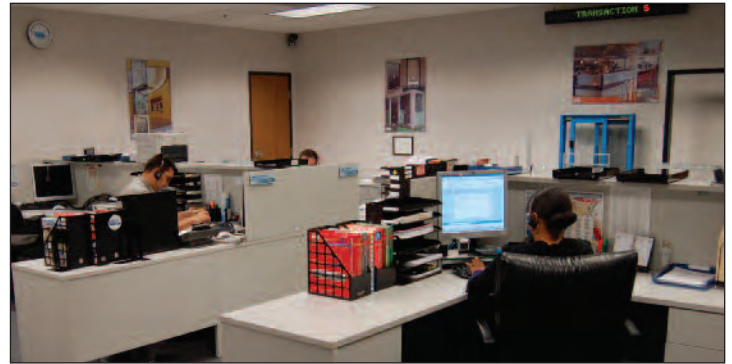
You'll also find an overview of our popular Architectural Hardware lines, such as: the TAPER-LOC™ Glass Railing System; Glass Railing, Balustrade, and Windscreen Systems; Door Rails and Closers; Sliding Glass Partition and Door Systems; Architectural Awnings and Metal Systems; Frameless Shower Hardware, and other architectural systems to enhance the appeal of any building. All of it beautifully displayed with many installation images that you can show your customers to inspire design ideas.

You can also download this catalog from the Catalog Library at [crlaurence.com](http://crlaurence.com)

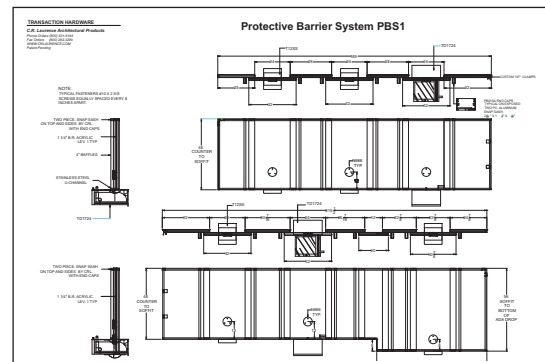
## For Expert Technical Assistance With Your Transaction Projects, Ask for Extension 7760

The CRL Transaction Technical Sales Department is a full time staff trained in the proper design and installation of our Transaction Hardware products. We work with architects and designers to create "solutions" specifically built to meet their needs. The latest computer assisted design technology is used to join quality materials and our experience in manufacturing with your ideas to give you what you want.

If our wide variety of standard size products won't fit your needs exactly, CRL can custom build to your specifications. Our manufacturing facility has a staff of engineers who will design a product that you can install with full confidence that it will meet your customer's needs in terms of performance and aesthetics.



From initial discussion



Through planning and design



CRL Transaction Tech Sales is here to assist you with your successful project

## Architectural Services

As part of our strong commitment to architects and specifiers, we've created a new corporate division to provide product information, technical support, and assistance with specifications. Visit our web site at [crlaurence.com](http://crlaurence.com). When you come to the home page, click on Architectural Customers. You'll access our Architectural Services Information Center, with quick links to the entire range of CRL Architectural products and services.

LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA



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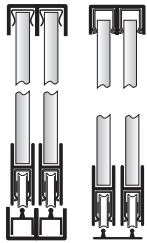
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## CRL Manufacturing

- **Making Quality Products for Over 40 Years**
- **User of Progressive QS-9000 Manufacturing Processes**
- **Mechanical and Technical Expertise Available to Assist Your Manufacturing Processes**



You may know C.R. Laurence Company as North America's largest distributor of supplies to the glass industry however; you may not know that we are also a manufacturer of over 5,000 products found in our Online Catalog. Our 270,000 plus square foot manufacturing plant in Vernon, California is just five minutes from CRL Corporate Headquarters, and ten minutes from downtown Los Angeles. It is here that we make some of the best products available to customers worldwide. Our people use progressive QS-9000 manufacturing processes to make products for the Glazing, Railing, Architectural, Construction, and Automotive industries. These certified processes ensure that we give every product our full attention to detail.

There are many industries served by the products manufactured in our California plant. We make architectural hardware for new and retrofit building construction, railing systems and windscreens for balconies and decks, security transaction windows and devices, display hardware for the retail trade, specialty tools for the glazing trade, hinges and other products for frameless shower doors, and automotive windows for trucks, vans, and RV's.

Using strict manufacturing standards we produce the kind of quality hardware that has kept us at the head of this field for many years. That's your assurance that when you select a product made by CRL Manufacturing you have made the best possible choice.

We're always looking for ways to make our products better, and along the way we've added knowledgeable experts in their fields to our staff of designers, engineers, and craftspeople. Our goal is to make our products a better value to you, whether it's time or labor savings, extended service life, increased versatility or enhanced visual appeal.

Many of our products incorporate industry "firsts", features offered by no other manufacturer because we feel that no product or process is so good that it can't be improved. We strive to make products of high quality and value. That's the goal we set for ourselves at the onset, and it's still our guiding influence.

Some of the improvements we've made have originated from people who have used our products and generously contributed their opinions and suggestions. We welcome your comments, and invite you to contact us at any time regarding a C.R. Laurence product.





## CRL's Precision Design and Engineering is the Key to Quality



### • CRL is ISO9001-2000 Certified

It all starts with ISO9001-2000 certification. We produce over 5,000 items for the industries we serve in our ISO9001 and QS9000 Certified manufacturing facilities. Our adherence to the strictest of standards reflects the commitment of our employees to provide the highest quality products.

### • Innovation Makes Us a Leader

C.R. Laurence Manufacturing has provided new and innovative products for over 40 years. We know we can't just sit still, because if we do, others will pass us by, and that's not what being a leader is all about. Many CRL manufactured products incorporate features offered by no one else because we feel that no product is so good that it can't be improved.



### • Award Winning Designs and Products

Just because we say our products are all top quality doesn't make it so. However, when those recognized as setting the standards for quality say we make the best, then that really means something. C.R. Laurence Manufacturing has earned some very prestigious awards for manufacturing excellence by organizations that set the standards for quality.



### • CRL Rapid Customization Program for Short Lead Times

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

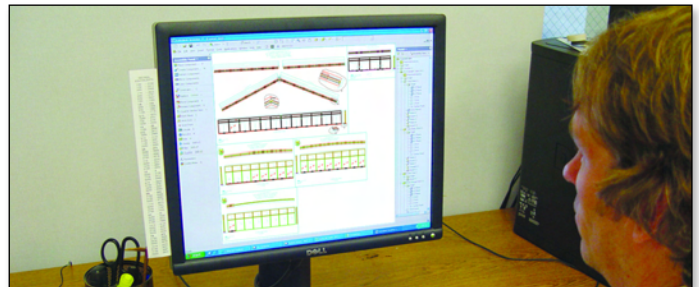
### • Engineers Available for Product Development, Testing, and Production Support

CRL's Engineering Department works with you to review designs and job plans to address feasibility, safety concerns, and possible alternate solutions in order to prepare a fair and accurate per unit or per job quote for our Manufacturing services.



### • Experienced, Knowledgeable Team Dedicated From Start to Finish

Our staff has decades of experience in the various stages of manufacturing. Our people draw upon their resources to find innovation and efficiency in our manufacturing processes, allowing us to build top quality products at prices that are always competitive. From the procurement of raw materials to final shipment of finished goods, it's our experience that makes the difference.



### • State-of-the-Art Computers and Software

CRL's trained staff uses up-to-date programs including Auto CAD, Auto Desk Inventor, and ANSYS Workbench to provide the best designs to send to our manufacturing plant. This software and our engineers provide workable, modern designs that can be simulated on our computers, saving you time and money down the road.

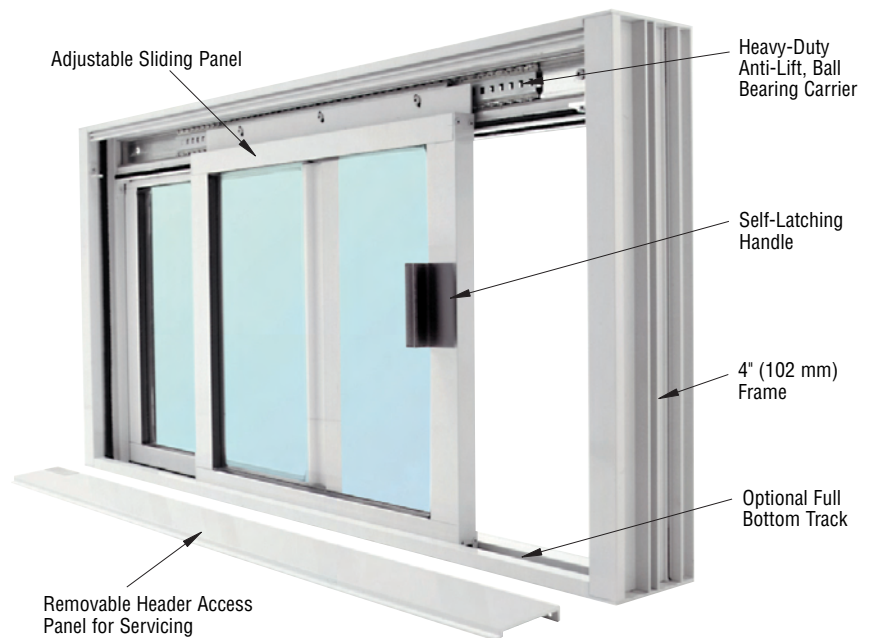
## Do You Have a New Product That Could be Made by CRL? Need Help With a Current Product? Contact Us

We welcome the opportunity to serve you, and are committed to providing your business with the services that produce quality products. To discuss the possibility of working with CRL Manufacturing we invite you to 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. 7760. To send e-mail go to [crlaurence.com](http://crlaurence.com), click on Contact Us, and then click on Technical Sales for Transaction Products.

## CRL Manual Deluxe Sliding Service Windows (DW Series)

### For Commercial Drive-Thru or Other Heavy-Duty Use Applications

- **The Perfect Drive-Up Service Window for Fast Food Restaurants, Pharmacies, Dry Cleaners, Etc.**
- **Each Unit is Custom Fabricated to Fit the Opening**
- **Six Choices of Sliding Configurations to Meet Most Any Design Criteria**
- **Ball Bearing Top Hung Sliders for Easy Window Movement**
- **Hundreds of Available Colors**
- **Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)**



**CAT. NO. DW1800A**  
(Shown with Header Access Panel Removed)

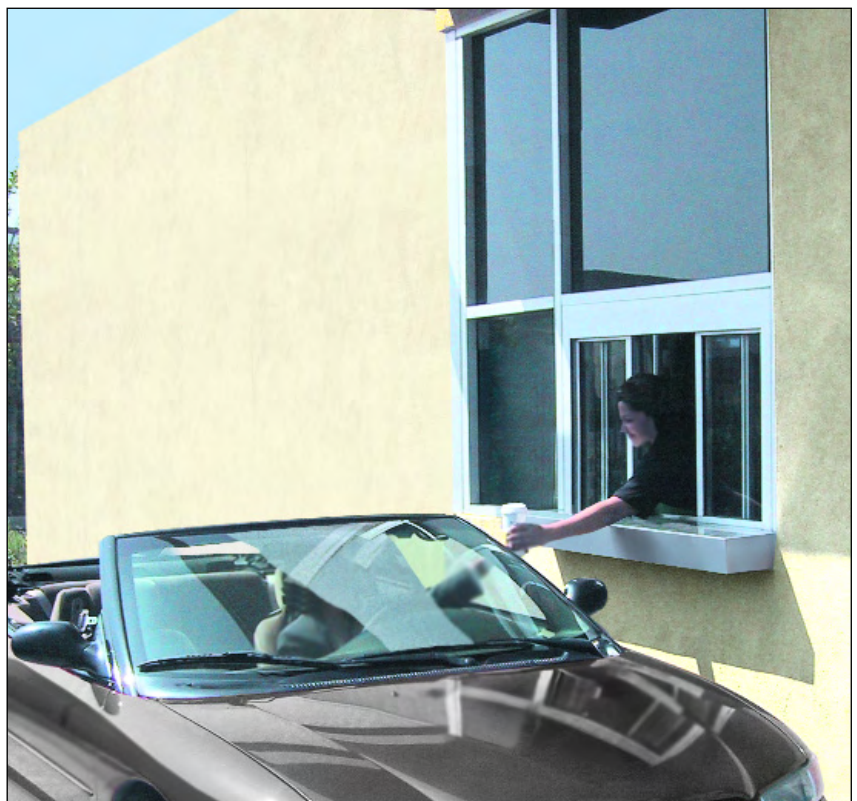


The demand for a heavy-duty use commercial window is certainly a trend in today's fast-paced society. CRL has responded to the wishes of our customers and has developed our DW Series Deluxe Sliding Window. Available in six configurations, each offers a variety of options to choose from, and is custom fabricated to fit the opening. Each window comes glazed with a choice of 1/4" (6 mm) tempered, laminated, tinted, or wire glass, or a 1/2" (12 mm) insulating glass unit.

Designed for heavy-duty commercial use (100 to 200 openings per day) and drive-thru applications such as fast food restaurants, pharmacies, dry cleaners, and anywhere a larger window and heightened security is desired.

Available finishes are satin anodized, duranodic bronze, any of the RAL powder paint colors, and custom Kynar paint colors. Supply your customer with CRL's new DW Series Deluxe Sliding Window, the finest heavy-duty commercial or drive-thru window of its kind.

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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.





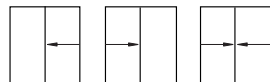
## DW Series Ordering Specifications and Options



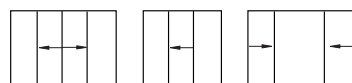
USE THESE SPECIFICATIONS TO DESIGN THE DW SERIES  
SLIDING WINDOW OF YOUR CHOICE

### Specifications

#### AVAILABLE CONFIGURATIONS:



☐ OX\* ☐ XO\* ☐ XX



☐ OXXO ☐ OXO ☐ XOX

\*Configuration Determined From Clerk Side

#### FINISH:

- ☐ Satin Anodized
- ☐ Duranodic Bronze
- ☐ RAL Powder Paint (Specify Color)
- ☐ Custom Kynar Paint (Specify Color)

#### GLAZING:

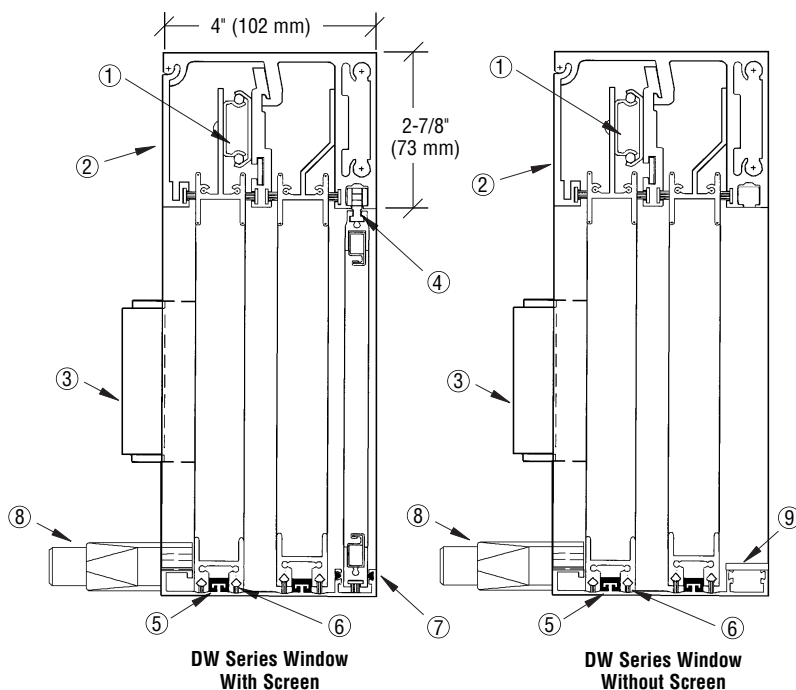
- Thickness: ☐ 1/4" (6 mm)  
☐ 1/2" (12 mm)  
 Type: ☐ Tempered  
☐ Wire  
☐ Tinted  
☐ Laminated  
☐ Insulating:  
 1/2" (12 mm) only

#### SCREEN:

- ☐ With
- ☐ Without

#### OPTIONS:

- ☐ Keyed Lock
- ☐ Burglar Bar (Select Models)
- ☐ Full Bottom Track
- ☐ Open Counter Area
- ☐ Deal Tray
- ☐ Stainless Steel Shelf
- ☐ Laminated Shelf
- ☐ Surrounding Frames to Form Side Lites
- ☐ Transoms to Fill Large Openings
- ☐ Fly Fan Switch



- ① Heavy-Duty Anti-Lift Ball Bearing Carrier
- ② Removable Header Access Panel
- ③ Self-Latching Handle
- ④ Screen Rides on Nylon Rollers
- ⑤ Vinyl Track (No Metal-to-Metal Rubbing)
- ⑥ Poly-Pile Weatherstripping with Fin
- ⑦ Vinyl Guides for Screen (No Metal-to-Metal Rubbing)
- ⑧ Optional Keyed Lock
- ⑨ Channel Cap on No-Screen Models

## CRL (XO or OX DW Series) Two Panel Manual Deluxe Sliding Service Windows

- Select From OX or XO Configurations
- Each Unit is Customized to Your Needs
- Colors Available: Satin Anodized, Bronze Anodized, Powder or Kynar Painted
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

This Two Panel Manual Deluxe Sliding Service Window is one of our most popular models. The unit has one fixed and one sliding panel. When choosing the configuration, the sliding panel is called out from the clerk's side of the opening. Each window is custom made to your exact specifications. Their heavy-duty design and construction will give years of maintenance-free operation. Models are available with or without screens. For a full list of options, please see top of page.



DW2000A Pictured with Optional Keyed Lock and Laminated Shelf

| CAT. NO. | CONFIGURATION* | FINISH                   | SCREEN |
|----------|----------------|--------------------------|--------|
| DW1800A  | OX or XO       | Satin Anodized           | No     |
| DW1800DU | OX or XO       | Duranodic Bronze         | No     |
| DW1800P  | OX or XO       | Powder Painted (Specify) | No     |
| DW1800K  | OX or XO       | Kynar Painted (Specify)  | No     |
| DW2000A  | OX or XO       | Satin Anodized           | Yes    |
| DW2000DU | OX or XO       | Duranodic Bronze         | Yes    |
| DW2000P  | OX or XO       | Powder Painted (Specify) | Yes    |
| DW2000K  | OX or XO       | Kynar Painted (Specify)  | Yes    |

Minimum order: 1 each.\* Configuration Determined From Clerk Side X = Sliding Panel O = Fixed Panel (Specify when ordering). F.O.B. All CRL Warehouses.

## CRL (XX DW Series) Two Panel Manual Deluxe Sliding Service Windows

- XX Double Slider Configuration
- Each Unit is Customized to Your Needs
- Colors Available: Satin Anodized, Bronze Anodized, Powder or Kynar Painted
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)



This Two Panel Manual Deluxe Sliding Service Window is popular for applications that are not limited to only one side opening. The unit has two equally divided sliding panels, which makes for easy transactions. Each window is custom made to your exact specifications. The heavy-duty design and construction will give years of maintenance-free operation. Models are available with or without screens. For a full list of options, please see top of page T105.



DW4200K Pictured With No Track Under Sliding Panels

| CAT. NO. | CONFIGURATION* | FINISH                   | SCREEN |
|----------|----------------|--------------------------|--------|
| DW4200A  | XX             | Satin Anodized           | No     |
| DW4200DU | XX             | Duranodic Bronze         | No     |
| DW4200P  | XX             | Powder Painted (Specify) | No     |
| DW4200K  | XX             | Kynar Painted (Specify)  | No     |
| DW4400A  | XX             | Satin Anodized           | Yes    |
| DW4400DU | XX             | Duranodic Bronze         | Yes    |
| DW4400P  | XX             | Powder Painted (Specify) | Yes    |
| DW4400K  | XX             | Kynar Painted (Specify)  | Yes    |

Minimum order: 1 each. \* Primary slider clerk's right unless specified left. F.O.B. All CRL Warehouses.

## CRL (OXXO DW Series) Four Panel Manual Deluxe Sliding Service Windows

- OXXO Double Slider Configuration
- Each Unit is Customized to Your Needs
- Colors Available: Satin Anodized, Bronze Anodized, Powder or Kynar Painted
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)



This Four Panel Manual Deluxe Sliding Service Window is popular for applications that require a larger than usual service opening. The unit has two sliding panels that meet in the center and are flanked by fixed side panels, giving you an extra wide service opening. Each window is custom made to your exact specifications. The heavy-duty design and construction will give years of maintenance-free operation. Models are available with or without screens. For a full list of options, please see top of page T105.



DW3400A Pictured With Full Bottom Track and Keyed Locks

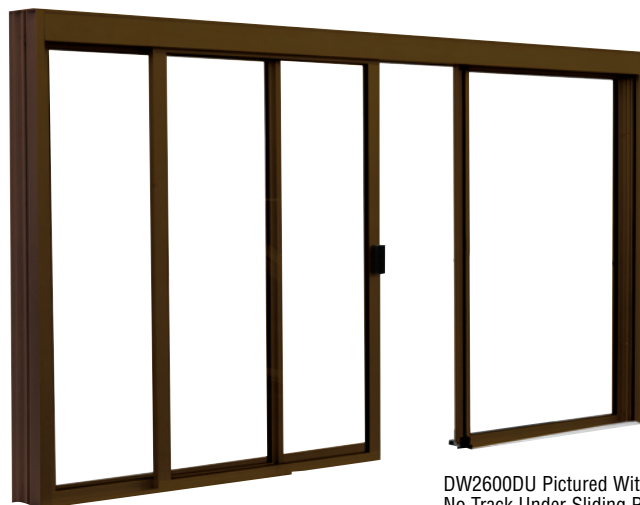
| CAT. NO. | CONFIGURATION | FINISH                   | SCREEN |
|----------|---------------|--------------------------|--------|
| DW3400A  | OXXO          | Satin Anodized           | No     |
| DW3400DU | OXXO          | Duranodic Bronze         | No     |
| DW3400P  | OXXO          | Powder Painted (Specify) | No     |
| DW3400K  | OXXO          | Kynar Painted (Specify)  | No     |
| DW3600A  | OXXO          | Satin Anodized           | Yes    |
| DW3600DU | OXXO          | Duranodic Bronze         | Yes    |
| DW3600P  | OXXO          | Powder Painted (Specify) | Yes    |
| DW3600K  | OXXO          | Kynar Painted (Specify)  | Yes    |

Minimum order: 1 each. X = Sliding Panel O = Fixed Panel. F.O.B. All CRL Warehouses.



## CRL (OXO DW Series) Three Panel Manual Deluxe Sliding Service Windows

- OXO Single Slider Configuration
- Each Unit is Customized to Your Needs
- Colors Available: Satin Anodized, Bronze Anodized, Powder or Kynar Painted
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)



DW2600DU Pictured With No Track Under Sliding Panel

This Manual Deluxe Sliding Service Window is perfect for jobs that call for a service opening centered in the overall opening. The unit is an equally divided, three panel window that has a center sliding panel. Each window is custom made to your exact specifications. The heavy-duty design and construction will give years of maintenance-free operation. Models are available with or without screens. For a full list of options, please see top of page T105

| CAT. NO. | CONFIGURATION* | FINISH                   | SCREEN |
|----------|----------------|--------------------------|--------|
| DW2600A  | OXO            | Satin Anodized           | No     |
| DW2600DU | OXO            | Duranodic Bronze         | No     |
| DW2600P  | OXO            | Powder Painted (Specify) | No     |
| DW2600K  | OXO            | Kynar Painted (Specify)  | No     |
| DW2800A  | OXO            | Satin Anodized           | Yes    |
| DW2800DU | OXO            | Duranodic Bronze         | Yes    |
| DW2800P  | OXO            | Powder Painted (Specify) | Yes    |
| DW2800K  | OXO            | Kynar Painted (Specify)  | Yes    |

Minimum order: 1 each. \* X = Sliding Panel. Slider opens to clerk's right unless specified left. F.O.B. All CRL Warehouses.

## CRL (XOX DW Series) Three Panel Manual Deluxe Sliding Service Windows

- XOX Double Slider Configuration
- Each Unit is Customized to Your Needs
- Colors Available: Satin Anodized, Bronze Anodized, Powder or Kynar Painted
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)



DW5000P Pictured With No Track Under Sliding Panels and Keyed Locks

This Manual Deluxe Sliding Service Window is perfect when one window is required for two clerks helping customers at the same time. The unit has three divided panels, two sliders and a center fixed panel that is twice the width of the sliders. This allows for both sliding panels to be operated simultaneously. Each window is custom made to your exact specifications. The heavy-duty design and construction will give years of maintenance-free operation. Models are available with or without screens. For a full list of options, please see top of page T105.

| CAT. NO. | CONFIGURATION | FINISH                   | SCREEN |
|----------|---------------|--------------------------|--------|
| DW5000A  | XOX           | Satin Anodized           | No     |
| DW5000DU | XOX           | Duranodic Bronze         | No     |
| DW5000P  | XOX           | Powder Painted (Specify) | No     |
| DW5000K  | XOX           | Kynar Painted (Specify)  | No     |
| DW5200A  | XOX           | Satin Anodized           | Yes    |
| DW5200DU | XOX           | Duranodic Bronze         | Yes    |
| DW5200P  | XOX           | Powder Painted (Specify) | Yes    |
| DW5200K  | XOX           | Kynar Painted (Specify)  | Yes    |

Minimum order: 1 each. X = Sliding Panel O = Fixed Panel. F.O.B. All CRL Warehouses.

## CRL Self-Closing Deluxe Sliding Service Window (SCDW Series)



- Each Unit is Custom Fabricated to Fit Opening
- One Fixed and One Sliding Panel Configuration
- Self-Closing Mechanism and Self-Latching Handle Included
- Removable Header Access Panel for Easy Servicing
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

### SPECIFICATIONS:

**Materials:** Aluminum Extrusions;  
Pile Weatherstrip; Glazing Vinyl;  
Stainless Steel Shelf or Sill

**Finishes:** Satin Anodized, Duranodic  
Bronze, RAL Powder Painted or  
Kynar Painted

**Glazing Options:** 1/4" to 1/2"  
(6 to 12 mm) Tempered, Laminated or  
Tinted Glass; 1/2" (12 mm) Insulating  
Glass Unit

**Option:** Fly Fan Switch

**To Determine Rough Opening:** Add  
1/2" (12 mm) to width; 1/4" (6 mm) to height  
of frame, including the track, sill or shelf

**NOTE:** 26" (660 mm) is the minimum frame  
width for SCDW Series Windows

C.R. Laurence "SCDW" Series Service Windows incorporate the self-closing feature typically required by the fast food industry. These high quality windows are manufactured for interior or exterior, high or low usage applications. Self-Closing function is provided with high quality components designed for trouble-free operation.

Since each unit is custom built to your specifications, we will work with you to design a unit that best suits the requirements of the installation. Glazing and sill conditions will be discussed, and our Transaction Hardware professionals will help you select the options that will result in a window that meets your customer's needs and expectations.

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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

| CAT. NO.   | CONFIGURATION* | SILL CONDITION             | FINISH                   |
|------------|----------------|----------------------------|--------------------------|
| SCDW1801A  | XO or OX       | Aluminum Half Bottom Track | Satin Anodized           |
| SCDW1801DU | XO or OX       | Aluminum Half Bottom Track | Duranodic Bronze         |
| SCDW1801P  | XO or OX       | Aluminum Half Bottom Track | Powder Painted (Specify) |
| SCDW1801K  | XO or OX       | Aluminum Half Bottom Track | Kynar Painted (Specify)  |
| SCDW1802A  | XO or OX       | Aluminum Full Bottom Track | Satin Anodized           |
| SCDW1802DU | XO or OX       | Aluminum Full Bottom Track | Duranodic Bronze         |
| SCDW1802P  | XO or OX       | Aluminum Full Bottom Track | Powder Painted (Specify) |
| SCDW1802K  | XO or OX       | Aluminum Full Bottom Track | Kynar Painted (Specify)  |
| SCDW1803A  | XO or OX       | Stainless Steel Sill       | Satin Anodized           |
| SCDW1803DU | XO or OX       | Stainless Steel Sill       | Duranodic Bronze         |
| SCDW1803P  | XO or OX       | Stainless Steel Sill       | Powder Painted (Specify) |
| SCDW1803K  | XO or OX       | Stainless Steel Sill       | Kynar Painted (Specify)  |
| SCDW1804A  | XO or OX       | Stainless Steel Shelf      | Satin Anodized           |
| SCDW1804DU | XO or OX       | Stainless Steel Shelf      | Duranodic Bronze         |
| SCDW1804P  | XO or OX       | Stainless Steel Shelf      | Powder Painted (Specify) |
| SCDW1804K  | XO or OX       | Stainless Steel Shelf      | Kynar Painted (Specify)  |

Minimum order: 1 each. \* Configuration Determined From Clerk Side X = Sliding Panel O = Fixed Panel (Specify when ordering). F.O.B. All CRL Warehouses.

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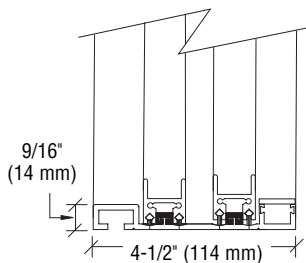
T108 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA



## CRL Self-Closing Deluxe Sliding Service Window (SCDW Series)



### Sill Conditions Available



#### CAT. NO. SCDW1801

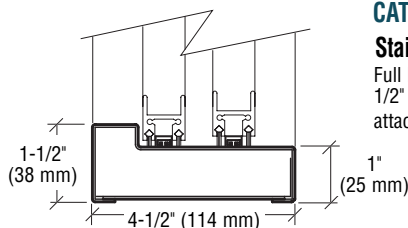
##### Aluminum Half Bottom Track

Window includes half bottom track.  
Provides clear service opening  
with no track under slider.

#### CAT. NO. SCDW1802

##### Aluminum Full Bottom Track

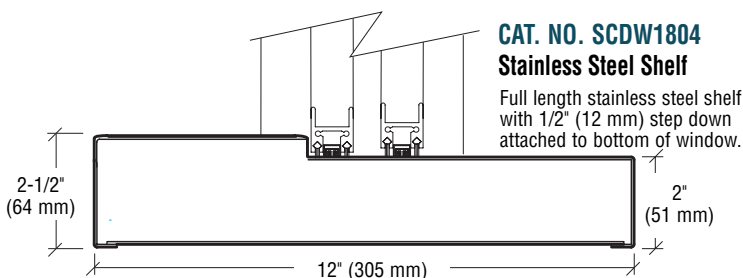
Window includes full bottom track.



#### CAT. NO. SCDW1803

##### Stainless Steel Sill

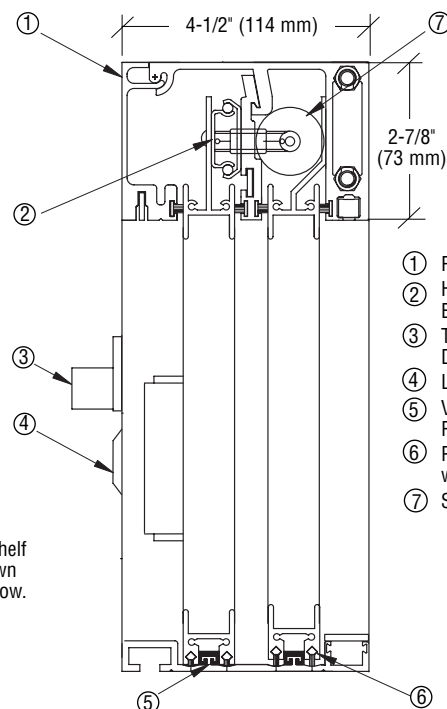
Full length stainless steel sill  
with 1/2" (12 mm) step down  
attached to bottom of window.



#### CAT. NO. SCDW1804

##### Stainless Steel Shelf

Full length stainless steel shelf  
with 1/2" (12 mm) step down  
attached to bottom of window.

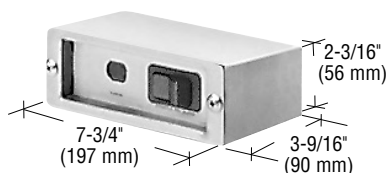


- ① Removable Header Access Panel
- ② Heavy-Duty Anti-Lift Ball Bearing Carrier
- ③ Thumbturn Hook Throw Deadlock
- ④ Locked/Unlocked Indicator
- ⑤ Vinyl Track (No Metal-to-Metal Rubbing)
- ⑥ Poly-Pile Weatherstripping with Fin
- ⑦ Self-Closing Hardware

## CRL All Electric Fully Automatic Deluxe Sliding Service Windows (EDW Series)

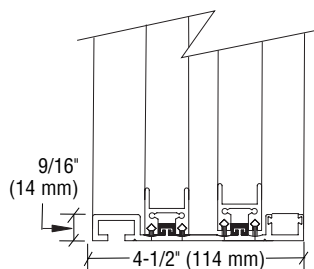
- Available in Single and Double Sliding Panels Made to Your Size
- Stock or Custom Finishes
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

C.R. Laurence is proud to offer our All Electric Fully Automatic Deluxe Sliding Service Windows. These single and double sliding service windows are perfect for drive-thru applications such as fast food restaurants, pharmacies, dry cleaners, or anywhere high quality automatic service windows are required. Safety features include 24V DC, UL/CSA Approved Class 2 Transformer, Auto Reverse if window is blocked, "Soft-Close" feature in "Pinch Zone", and a Mechanical Positive Slip Clutch. 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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



### CONTROL PANEL ASSEMBLY

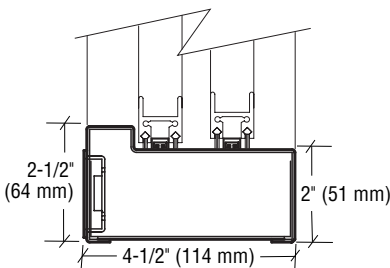
EDW1801, EDW1802, EDW3401, and EDW3402 have an infrared sensing device and an automatic/off/manual switch enclosed in a stainless steel housing, mounted separately by the installer. EDW1803, EDW1804, EDW3403, and EDW3404 have the controls built into the bottom of the window - (see photo at right).



### CAT. NO. EDW1801, EDW3401

#### Aluminum Half Bottom Track

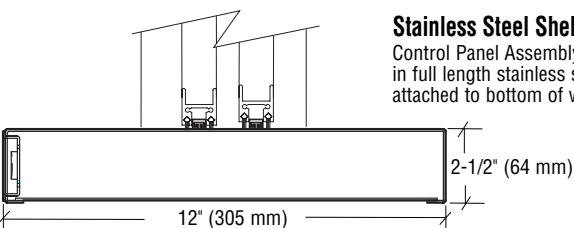
Window includes half bottom track. Provides clear service opening with no track under slider.



### CAT. NO. EDW1802, EDW3402

#### Aluminum Full Bottom Track

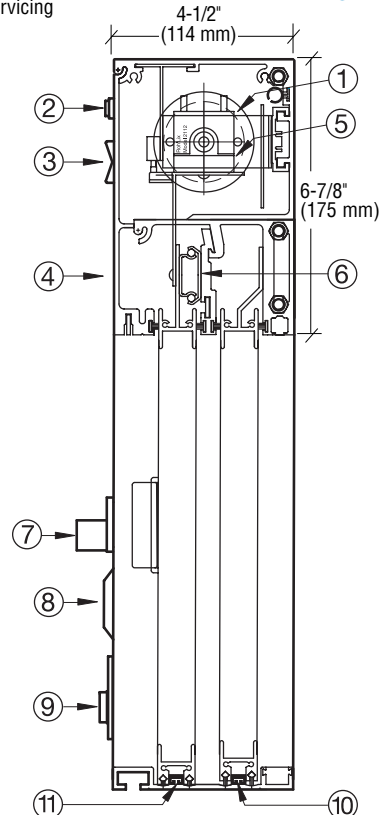
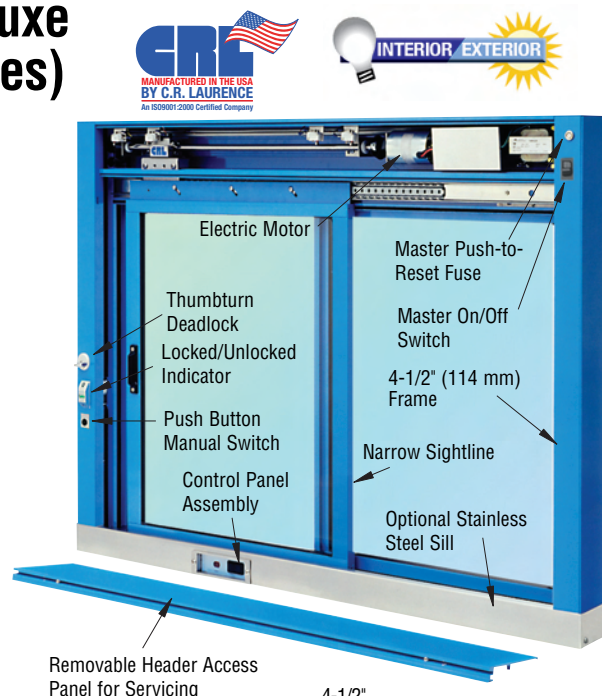
Window includes full bottom track.



### CAT. NO. EDW1804, EDW3404

#### Stainless Steel Shelf

Control Panel Assembly enclosed in full length stainless steel shelf attached to bottom of window.



- |                                             |                                           |
|---------------------------------------------|-------------------------------------------|
| ① 24V DC Electric Motor                     | ⑦ Thumbturn Hook Throw Deadlock*          |
| ② Master Push-to-Reset Fuse                 | ⑧ Locked/Unlocked Indicator               |
| ③ Master Power On/Off Switch                | ⑨ Push Button Manual Open/Close Switch    |
| ④ Removable Header Access Panel             | ⑩ Vinyl Track (No Metal-to-Metal Rubbing) |
| ⑤ Microprocessor Logic Control Module       | ⑪ Poly-Pile Weatherstripping with Fin     |
| ⑥ Heavy-Duty Anti-Lift Ball Bearing Carrier |                                           |

\* Included on Some Models  
(OXXO Models Have Keyed Locks)



## CRL All Electric Fully Automatic Deluxe Single Sliding Service Windows (EDW Series)

- OX or XO Series Single Sliding Panel
- Made to Your Size
- Stock or Custom Finishes
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

This XO or OX All Electric Fully Automatic Deluxe Sliding Service Window is perfect for projects that require hands-free operation to take care of transactions. Operation is simple: the clerk steps in front of the window's infrared sensing device, the window slides open and remains open until the clerk walks away. (Open/Close Push Button also included). Each window is custom made to your specifications. XO or OX Series Windows include a thumbturn hook throw deadlock with a locked/unlocked indicator.

**NOTE:** Minimum overall frame width is 36" (914 mm).

### CUSTOM WINDOW SPECIFICATIONS:

**Materials:** Aluminum Extrusions; Pile Weatherstrip; Glazing Vinyl; Stainless Steel Control Panel Assembly; Thumbturn Hook Throw Deadlock with Locked/Unlocked Indicator

**Glazing Options:** 1/4" to 1/2" (6 to 12 mm) Tempered, Laminated or Tinted Glass; 1/2" (305 mm) Insulating Glass Unit

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted

**Other Options:** Multiple Infrared Sensing Devices; External "Plug-In" Transformer; Fly Fan Switch

**Power Requirements:** Hardwire to 115V AC Power Source. Windows less than 47" (1194 mm) Wide will be Supplied with an External "Plug-In" Type Transformer.



EDW1801A  
Pictured

### SINGLE SLIDERS (XO or OX)

| CAT. NO.  | CONFIGURATION* | SILL CONDITION             | FINISH                   |
|-----------|----------------|----------------------------|--------------------------|
| EDW1801A  | XO or OX       | Aluminum Half Bottom Track | Satin Anodized           |
| EDW1801DU | XO or OX       | Aluminum Half Bottom Track | Duranodic Bronze         |
| EDW1801P  | XO or OX       | Aluminum Half Bottom Track | Powder Painted (Specify) |
| EDW1801K  | XO or OX       | Aluminum Half Bottom Track | Kynar Painted (Specify)  |
| EDW1802A  | XO or OX       | Aluminum Full Bottom Track | Satin Anodized           |
| EDW1802DU | XO or OX       | Aluminum Full Bottom Track | Duranodic Bronze         |
| EDW1802P  | XO or OX       | Aluminum Full Bottom Track | Powder Painted (Specify) |
| EDW1802K  | XO or OX       | Aluminum Full Bottom Track | Kynar Painted (Specify)  |
| EDW1803A  | XO or OX       | Stainless Steel Sill       | Satin Anodized           |
| EDW1803DU | XO or OX       | Stainless Steel Sill       | Duranodic Bronze         |
| EDW1803P  | XO or OX       | Stainless Steel Sill       | Powder Painted (Specify) |
| EDW1803K  | XO or OX       | Stainless Steel Sill       | Kynar Painted (Specify)  |
| EDW1804A  | XO or OX       | Stainless Steel Shelf      | Satin Anodized           |
| EDW1804DU | XO or OX       | Stainless Steel Shelf      | Duranodic Bronze         |
| EDW1804P  | XO or OX       | Stainless Steel Shelf      | Powder Painted (Specify) |
| EDW1804K  | XO or OX       | Stainless Steel Shelf      | Kynar Painted (Specify)  |

Minimum order: 1 each. \* Configuration Determined From Clerk Side X = Sliding Panel O = Fixed Panel (Specify when ordering).  
F.O.B. CRL Warehouses.

## CRL All Electric Fully Automatic Deluxe Double Sliding Service Windows (EDW Series)

- OXXO Series Double Sliding Panels
- Made to Your Size
- Stock or Custom Finishes
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

This OXXO All Electric Fully Automatic Deluxe Sliding Service Window is perfect for projects that require hands-free operation to take care of transactions. Operation is simple: the clerk steps in front of the window's infrared sensing device and the two center panels slide outward, leaving a generous size service opening. The sliding panels remain open until the clerk walks away. (Open/Close Push Button also included). Each window is custom made to your specifications. OXXO Series Windows include two keyed locks.

**NOTE:** Minimum overall frame width is 48" (1219 mm).

### CUSTOM WINDOW SPECIFICATIONS:

**Materials:** Aluminum Extrusions; Pile Weatherstrip; Glazing Vinyl; Stainless Steel Control Panel Assembly; Keyed Locks

**Glazing Options:** 1/4" to 1/2" (6 to 12 mm) Tempered, Laminated or Tinted Glass; 1/2" (305 mm) Insulating Glass Unit

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted

**Other Options:** Multiple Infrared Sensing Devices; External "Plug-In" Transformer; Fly Fan Switch

**Power Requirements:** Hardwire to 115V AC Power Source. Windows less than 47" (1194 mm) Wide will be supplied with an External "Plug-In" Type Transformer.



Removable Header  
Access Panel



EDW3404DU  
Pictured

### DOUBLE SLIDERS (OXXO)

| CAT. NO.  | CONFIGURATION | SILL CONDITION             | FINISH                   |
|-----------|---------------|----------------------------|--------------------------|
| EDW3401A  | OXXO          | Aluminum Half Bottom Track | Satin Anodized           |
| EDW3401DU | OXXO          | Aluminum Half Bottom Track | Duranodic Bronze         |
| EDW3401P  | OXXO          | Aluminum Half Bottom Track | Powder Painted (Specify) |
| EDW3401K  | OXXO          | Aluminum Half Bottom Track | Kynar Painted (Specify)  |
| EDW3402A  | OXXO          | Aluminum Full Bottom Track | Satin Anodized           |
| EDW3402DU | OXXO          | Aluminum Full Bottom Track | Duranodic Bronze         |
| EDW3402P  | OXXO          | Aluminum Full Bottom Track | Powder Painted (Specify) |
| EDW3402K  | OXXO          | Aluminum Full Bottom Track | Kynar Painted (Specify)  |
| EDW3403A  | OXXO          | Stainless Steel Sill       | Satin Anodized           |
| EDW3403DU | OXXO          | Stainless Steel Sill       | Duranodic Bronze         |
| EDW3403P  | OXXO          | Stainless Steel Sill       | Powder Painted (Specify) |
| EDW3403K  | OXXO          | Stainless Steel Sill       | Kynar Painted (Specify)  |
| EDW3404A  | OXXO          | Stainless Steel Shelf      | Satin Anodized           |
| EDW3404DU | OXXO          | Stainless Steel Shelf      | Duranodic Bronze         |
| EDW3404P  | OXXO          | Stainless Steel Shelf      | Powder Painted (Specify) |
| EDW3404K  | OXXO          | Stainless Steel Shelf      | Kynar Painted (Specify)  |

Minimum order: 1 each. X = Sliding Panel O = Fixed Panel. F.O.B. CRL Warehouses.

## CRL Bi-Fold Service Windows

### • Select From Manual or Semi-Automatic Operation

C.R. Laurence Bi-Fold Service Windows are perfect anywhere a high quality bi-folding window is required. Features include two panels that simultaneously open outward towards the customer, and a burglar bar for extra security. Projected and Flush Mount models are available in two different configurations: **MANUAL** - Both panels move simultaneously as either panel is manually operated. **SEMI-AUTOMATIC** - Opening the window is achieved by pushing on the hip activated slide bar. Step away from the window and the two panels automatically close. Custom sizes and custom paint colors are available by special order. 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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



## CRL Flush Mount Manual Bi-Fold Service Windows (BFW Series)

- Available in Stock or Custom Sizes, and Stock or Custom Finishes
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

#### SPECIFICATIONS:

**Materials:** Aluminum Extrusions; Pile Weatherstrip; Glazing Vinyl; Stainless Steel Shelf or Stainless Steel Sill

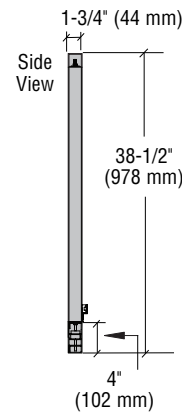
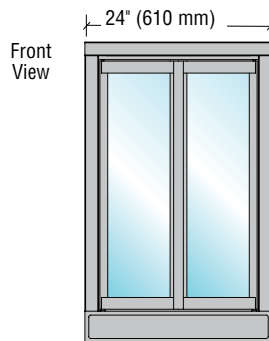
**Glazing:** 1/4" (6 mm) Clear Tempered Glass

**Stock Finishes:** Satin Anodized or Duranodic Bronze

**Bi-Fold Configuration:** Manual

**To Determine Rough Opening:**

Add 1/2" (12 mm) to Width, 1/4" (6 mm) to Height



Flush Mount Manual Model  
(Viewed from Clerk Side)

**NOTE:** Manual models can be ordered with pivot mechanism at header for clear counter by others.

| CAT. NO.      | WINDOW TYPE        | SERVICE OPENING SIZE (W X H)     | OVERALL SIZE (W X H)         | FINISH           |
|---------------|--------------------|----------------------------------|------------------------------|------------------|
| <b>BFW1A</b>  | Flush Mount Manual | 17-3/4" x 32-1/4" (451 x 819 mm) | 24" x 38-1/2" (610 x 978 mm) | Satin Anodized   |
| <b>BFW1DU</b> | Flush Mount Manual | 17-3/4" x 32-1/4" (451 x 819 mm) | 24" x 38-1/2" (610 x 978 mm) | Duranodic Bronze |
| <b>BFW1C</b>  | Flush Mount Manual | Custom Model - Must Specify      | Custom Model - Must Specify  | Specify Color    |

Minimum order: 1 each. F.O.B. All CRL Warehouses.



## CRL Projected Manual Bi-Fold Service Windows (BFW Series)

- Available in Stock or Custom Sizes, and Stock or Custom Finishes
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

#### SPECIFICATIONS:

**Materials:** Aluminum Extrusions; Pile Weatherstrip; Glazing Vinyl; Stainless Steel Shelf or Stainless Steel Sill

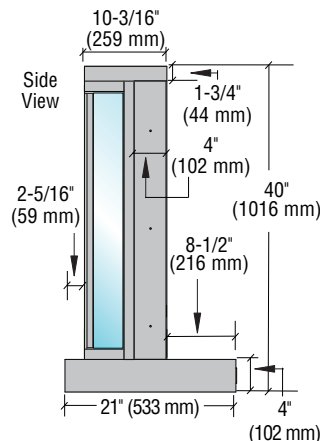
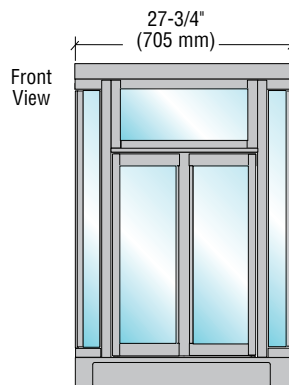
**Glazing:** 1/4" (6 mm) Clear Tempered Glass

**Stock Finishes:** Satin Anodized or Duranodic Bronze

**Bi-Fold Configuration:** Manual

**To Determine Rough Opening:**

Add 1/2" (12 mm) to Width, 1/4" (6 mm) to Height



Projected Manual Model  
(Viewed from Clerk Side)

| CAT. NO.      | WINDOW TYPE      | SERVICE OPENING SIZE (W X H) | OVERALL SIZE (W X H)          | FINISH           |
|---------------|------------------|------------------------------|-------------------------------|------------------|
| <b>BFW2A</b>  | Projected Manual | 15" x 25" (381 x 635 mm)     | 27-3/4" x 40" (705 x 1016 mm) | Satin Anodized   |
| <b>BFW2DU</b> | Projected Manual | 15" x 25" (381 x 635 mm)     | 27-3/4" x 40" (705 x 1016 mm) | Duranodic Bronze |
| <b>BFW2C</b>  | Projected Manual | Custom Model - Must Specify  | Custom Model - Must Specify   | Specify Color    |

Minimum order: 1 each. F.O.B. All CRL Warehouses.



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## CRL Flush Mount Semi-Automatic Bi-Fold Service Windows (SCBFW Series)

- Hip-Activated Opening Feature
- Self-Closing
- Stock or Custom Sizes Available
- Satin Anodized, Duranodic Bronze, and Custom Finishes Available
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

### SPECIFICATIONS:

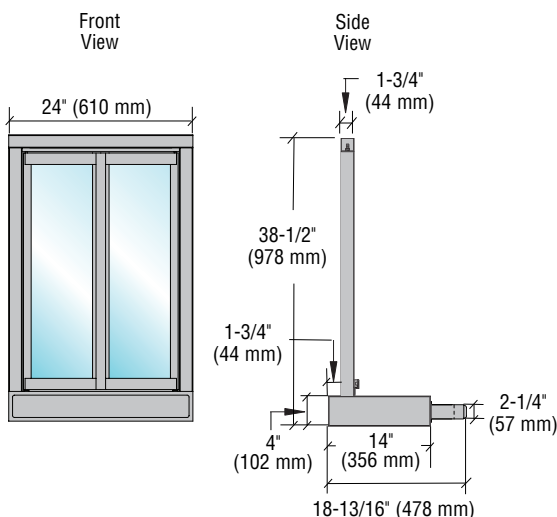
**Materials:** Aluminum Extrusions; Pile Weatherstrip; Glazing Vinyl; Stainless Steel Shelf or Stainless Steel Sill

**Glazing:** 1/4" (6 mm) Clear Tempered Glass

**Stock Finishes:** Satin Anodized or Duranodic Bronze

**Bi-Fold Configuration:** Self-Closing

**To Determine Rough Opening:** Add 1/2" (12 mm) to Width, 1/4" (6 mm) to Height



Flush Mount Semi-Automatic Model  
(Viewed from Clerk Side)



| CAT. NO. | WINDOW TYPE                | SERVICE OPENING SIZE (W X H)     | OVERALL SIZE (W X H)         | FINISH           |
|----------|----------------------------|----------------------------------|------------------------------|------------------|
| SCBFW1A  | Flush Mount Semi-Automatic | 17-3/4" x 32-1/4" (451 x 819 mm) | 24" x 38-1/2" (610 x 978 mm) | Satin Anodized   |
| SCBFW1DU | Flush Mount Semi-Automatic | 17-3/4" x 32-1/4" (451 x 819 mm) | 24" x 38-1/2" (610 x 978 mm) | Duranodic Bronze |
| SCBFW1C  | Flush Mount Semi-Automatic | Custom Model – Must Specify      | Custom Model – Must Specify  | Specify Color    |

Minimum order: 1 each. F.O.B. All CRL Warehouses.

## CRL Projected Semi-Automatic Bi-Fold Service Windows (SCBFW Series)

- Hip-Activated Opening Feature
- Self-Closing
- Stock or Custom Sizes Available
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

### SPECIFICATIONS:

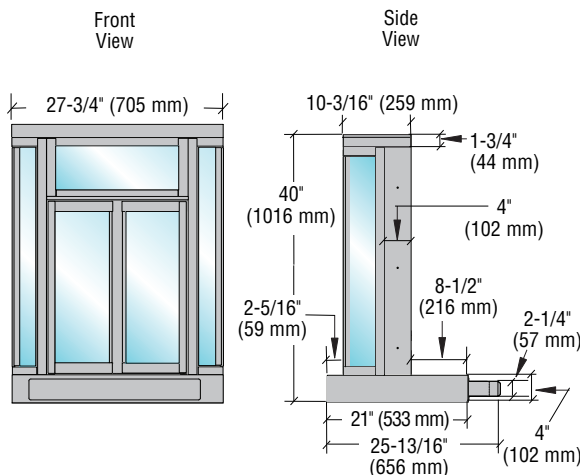
**Materials:** Aluminum Extrusions; Pile Weatherstrip; Glazing Vinyl; Stainless Steel Shelf or Stainless Steel Sill

**Glazing:** 1/4" (6 mm) Clear Tempered Glass

**Stock Finishes:** Satin Anodized or Duranodic Bronze

**Bi-Fold Configuration:** Self-Closing

**To Determine Rough Opening:** Add 1/2" (12 mm) to Width, 1/4" (6 mm) to Height



Projected Semi-Automatic Model  
(Viewed from Clerk Side)



| CAT. NO. | WINDOW TYPE              | SERVICE OPENING SIZE (W X H) | OVERALL SIZE (W X H)          | FINISH           |
|----------|--------------------------|------------------------------|-------------------------------|------------------|
| SCBFW2A  | Projected Semi-Automatic | 15" x 25" (381 x 635 mm)     | 27-3/4" x 40" (705 x 1016 mm) | Satin Anodized   |
| SCBFW2DU | Projected Semi-Automatic | 15" x 25" (381 x 635 mm)     | 27-3/4" x 40" (705 x 1016 mm) | Duranodic Bronze |
| SCBFW2C  | Projected Semi-Automatic | Custom Model – Must Specify  | Custom Model – Must Specify   | Specify Color    |

Minimum order: 1 each. F.O.B. All CRL Warehouses.

## CRL Manual Standard Sliding Service Windows (SW Series)

- For Light Duty Applications of 50 or Fewer Uses Per Day
- Vertical and Horizontal Formats
- Each Unit is Customized to Your Needs
- Frame Extrusions Vary for Different Models: Drawings and Specifications are Available at [crlaurence.com](http://crlaurence.com)



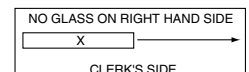
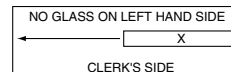
**NOTE:** An overhang or awning is recommended if windows are used in an exterior application

"SW" Series Service Windows are available for interior or exterior applications, with a variety of formats and options to choose from. Uses include walk-up food service, receptionist or pharmacy windows. Vertical Windows include nylon runners over coiled tension springs to provide smooth operation. Horizontal Windows operate with top nylon guides. For larger Horizontal Windows, a full bottom track with rollers is required. Large Vertical Windows require sash balances. **NOTE:** Size restrictions apply. For Horizontal Windows the maximum height is 48" (1219 mm), and 42" (1067 mm) for XX format units. Transoms and sidelites are available for larger openings. 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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

## CRL X- or -X Format Single Sliding Horizontal Service Windows

- For Pocket Glaze or Surface Mount Installation
- Available Pre-Glazed or Non-Glazed

This Horizontal Sliding Service Window is designed for surface mount or pocket installation, as glass is installed in the sliding panel only. Windows can be supplied with vinyls only for your choice of 1/8" (3 mm) or 1/4" (6 mm) glazing materials. Units pre-glazed with 1/8" (3 mm) or 1/4" (6 mm) tempered glass in the sliding panel are also available. A Slide Lock is standard on this window, but a Pin Lock can also be ordered as an option. Units are shipped assembled, ready for glazing and installation. **NOTE:** Specify handing when ordering; left hand or right hand sliding panel from clerk's side. For pocket installations an opening equal to the overall size of the sliding panel is required on one side. Keyed Locks and Surround Frames are not available for this model. An overhang is recommended if used in an exterior application.



### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Tempered Safety Glass (on some models)

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted

**Glazing:** 1/8" (3 mm) or 1/4" (6 mm) Tempered Glass; Vinyl Supplied on All Models

**Instructions Included**

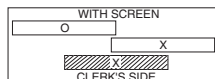
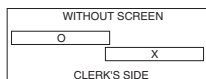
| CAT. NO.      | GLAZING                               | SCREEN |
|---------------|---------------------------------------|--------|
| <b>SW1600</b> | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | No     |
| <b>SW1614</b> | 1/4" (6 mm) Glass                     | No     |
| <b>SW1618</b> | 1/8" (3 mm) Glass                     | No     |

Minimum order: 1 each.

## CRL XO or OX Format Single Sliding Horizontal Service Windows

- Single Opening and Single Fixed Panel

These Horizontal Sliding Service Windows have one sliding and one fixed panel. Models are available non-glazed or pre-glazed with your choice of 1/8" (3 mm) or 1/4" (6 mm) tempered glass, or 1/2" (12 mm) insulating glass, either with or without a screen. All windows are shipped assembled. **NOTE:** Specify left or right hand sliding panel (from clerk's side) when ordering. Surround Frame is not available for insulating glass models. If ordered with a Keyed Lock the screen panel will be installed in the center channel. An overhang is recommended if used in an exterior application.



| CAT. NO.      | GLAZING                               | SCREEN |
|---------------|---------------------------------------|--------|
| <b>SW1800</b> | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | No     |
| <b>SW1814</b> | 1/4" (6 mm) Glass                     | No     |
| <b>SW1818</b> | 1/8" (3 mm) Glass                     | No     |
| <b>SW2000</b> | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | Yes    |
| <b>SW2014</b> | 1/4" (6 mm) Glass                     | Yes    |
| <b>SW2018</b> | 1/8" (3 mm) Glass                     | Yes    |
| <b>SW2200</b> | 1/2" (12 mm) Vinyl Only for I.G. Unit | No     |
| <b>SW2212</b> | 1/2" (12 mm) Insulating Glass         | No     |
| <b>SW2400</b> | 1/2" (12 mm) Vinyl Only for I.G. Unit | Yes    |
| <b>SW2412</b> | 1/2" (12 mm) Insulating Glass         | Yes    |

Minimum order: 1 each.

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## CRL XX Format Sliding Horizontal Service Windows



### • Dual Bypassing Panels

These Horizontal Sliding Service Windows have two bypassing sliding panels that are secured by jamb pins when closed. One or both can be secured at any time. Models are available non-glazed or pre-glazed with your choice of 1/8" (3 mm) or 1/4" (6 mm) tempered glass, or 1/2" (12 mm) insulating glass, either with or without a screen. All windows are shipped assembled. **NOTE:** Surround Frame and Keyed Locks are not available for this window format. An overhang is recommended if used in an exterior application. 42" (1067 mm) is the maximum height for XX windows.



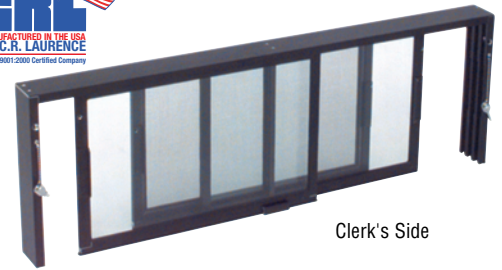
#### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Tempered Safety Glass (on some models); Fiberglass Screen (on some models)

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted

**Glazing:** 1/8" (3 mm) or 1/4" (6 mm) Tempered Glass; 1/2" (12 mm) Insulating Glass (on some models); Vinyl Supplied on All Models

**Instructions Included**



Clerk's Side

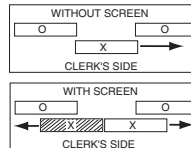
| CAT. NO. | GLAZING                               | SCREEN |
|----------|---------------------------------------|--------|
| SW4200   | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | No     |
| SW4214   | 1/4" (6 mm) Glass                     | No     |
| SW4218   | 1/8" (3 mm) Glass                     | No     |
| SW4400   | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | Yes    |
| SW4414   | 1/4" (6 mm) Glass                     | Yes    |
| SW4418   | 1/8" (3 mm) Glass                     | Yes    |
| SW4600   | 1/2" (12 mm) Vinyl Only for I.G. Unit | No     |
| SW4612   | 1/2" (12 mm) Insulating Glass         | No     |
| SW4800   | 1/2" (12 mm) Vinyl Only for I.G. Unit | Yes    |
| SW4812   | 1/2" (12 mm) Insulating Glass         | Yes    |

Minimum order: 1 each.

## CRL OXO Format Sliding Horizontal Service Windows

### • Single Opening Panel Flanked by Two Fixed Panels

These Horizontal Sliding Service Windows have one sliding and two fixed panels. Models are available non-glazed or pre-glazed with your choice of 1/8" (3 mm) or 1/4" (6 mm) tempered glass, or 1/2" (12 mm) insulating glass, either with or without a screen. All units are shipped assembled. **NOTE:** Window is normally shipped with the sliding glass panel moving to the clerk's right. Left hand sliding is optional, and must be specified at time of order. Surround Frame not available for insulating glass models. An overhang recommended if used in an exterior application.



#### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Tempered Safety Glass (on some models); Fiberglass Screen (on some models)

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted

**Glazing:** 1/8" (3 mm) or 1/4" (6 mm) Tempered Glass; 1/2" (12 mm) Insulating Glass (on some models); Vinyl Supplied on All Models

**Instructions Included**



Clerk's Side  
Panel Sliding to Right Illustrated

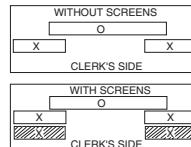
| CAT. NO. | GLAZING                               | SCREEN |
|----------|---------------------------------------|--------|
| SW2600   | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | No     |
| SW2614   | 1/4" (6 mm) Glass                     | No     |
| SW2618   | 1/8" (3 mm) Glass                     | No     |
| SW2800   | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | Yes    |
| SW2814   | 1/4" (6 mm) Glass                     | Yes    |
| SW2818   | 1/8" (3 mm) Glass                     | Yes    |
| SW3000   | 1/2" (12 mm) Vinyl Only for I.G. Unit | No     |
| SW3012   | 1/2" (12 mm) Insulating Glass         | No     |
| SW3200   | 1/2" (12 mm) Vinyl Only for I.G. Unit | Yes    |
| SW3212   | 1/2" (12 mm) Insulating Glass         | Yes    |

Minimum order: 1 each.

## CRL XOX Format Sliding Horizontal Service Windows

### • Glass and Screen Panels on Either End Can be Opened as Required

This Horizontal Sliding Service Window has two sliding panels plus a fixed center panel. The center panel's width is twice that of the sliding side panels so both may be opened at one time. Units are normally shipped with vinyls for 1/8" (3 mm) or 1/4" (6 mm) glazing materials. Windows may also be ordered pre-glazed with 1/8" (3 mm) or 1/4" (6 mm) tempered glass, or 1/2" (12 mm) insulating glass. **NOTE:** If ordered with Keyed Locks the sliding screens will be installed in the center channel. Surround Frame not available for insulating glass models. An overhang is recommended if used in an exterior application.



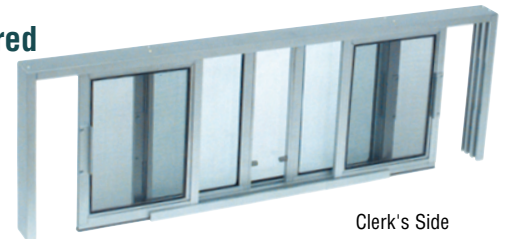
#### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Tempered Safety Glass (on some models); Fiberglass Screen (on some models)

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted

**Glazing:** 1/8" (3 mm) or 1/4" (6 mm) Tempered Glass; 1/2" (12 mm) Insulating Glass (on some models); Vinyl Supplied on All Models

**Instructions Included**



Clerk's Side

| CAT. NO. | GLAZING                               | SCREEN |
|----------|---------------------------------------|--------|
| SW5000   | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | No     |
| SW5014   | 1/4" (6 mm) Glass                     | No     |
| SW5018   | 1/8" (3 mm) Glass                     | No     |
| SW5200   | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | Yes    |
| SW5214   | 1/4" (6 mm) Glass                     | Yes    |
| SW5218   | 1/8" (3 mm) Glass                     | Yes    |
| SW5400   | 1/2" (12 mm) Vinyl Only for I.G. Unit | No     |
| SW5412   | 1/2" (12 mm) Insulating Glass         | No     |
| SW5600   | 1/2" (12 mm) Vinyl Only for I.G. Unit | Yes    |
| SW5612   | 1/2" (12 mm) Insulating Glass         | Yes    |

Minimum order: 1 each.

## CRL OXXO Format Sliding Horizontal Service Windows

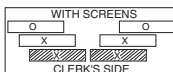
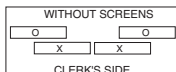


### • Dual Panels Slide Outward

These Horizontal Sliding Service Windows have one sliding and two fixed panels. Models are available non-glazed or pre-glazed with your choice of 1/8" (3 mm) or 1/4" (6 mm) tempered glass, or 1/2" (12 mm) insulating glass, either with or without a screen. All units are shipped assembled. Surround Frame not available for insulating glass models. An overhang is recommended if used in an exterior application.



Clerk's Side



| CAT. NO. | GLAZING                               | SCREEN |
|----------|---------------------------------------|--------|
| SW3400   | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | No     |
| SW3414   | 1/4" (6 mm) Glass                     | No     |
| SW3418   | 1/8" (3 mm) Glass                     | No     |
| SW3600   | 1/4" (6 mm) or 1/8" (3 mm) Vinyl Only | Yes    |
| SW3614   | 1/4" (6 mm) Glass                     | Yes    |
| SW3618   | 1/8" (3 mm) Glass                     | Yes    |
| SW3800   | 1/2" (12 mm) Vinyl Only for I.G. Unit | No     |
| SW3812   | 1/2" (12 mm) Insulating Glass         | No     |
| SW4000   | 1/2" (12 mm) Vinyl Only for I.G. Unit | Yes    |
| SW4012   | 1/2" (12 mm) Insulating Glass         | Yes    |

Minimum order: 1 each.

### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Tempered Safety Glass (on some models); Fiberglass Screen (on some models)

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted

**Glazing:** 1/8" (3 mm) or 1/4" (6 mm) Tempered Glass; 1/2" (12 mm) Insulating Glass (on some models); Vinyl Supplied on All Models

**Instructions Included**

## CRL Horizontal Sliding Service Windows Quote/Order Request Form



Use These Specifications to Design the SW Series Horizontal Sliding Window of Your Choice

### Specifications

Quantity \_\_\_\_\_ Width \_\_\_\_\_ Height \_\_\_\_\_

**GLAZING:** ☐ Glass By CRL  
☐ Unglazed (Vinyl Provided)

Thickness: ☐ 1/8" (3 mm)  
☐ 1/4" (6 mm)  
☐ 1/2" (12 mm)

Type: ☐ Tempered  
☐ Wire  
☐ Tinted \_\_\_\_\_  
☐ Laminated  
☐ Insulated Glass

**FINISH:**  
☐ Satin Anodized  
☐ Duranodic Bronze  
☐ RAL Powder Paint (Specify Color)\* \_\_\_\_\_  
☐ Custom Kynar Paint (Specify Color)\* \_\_\_\_\_

\*Painted windows must be factory glazed.

**TYPE OF SLIDER:**  
☐ With Screen  
☐ Without Screen  
☐ Pocket or Surface Mount (no glass in fixed frame)

**CONFIGURATION:**  
☐ OX or XO (From Clerk Side)  
☐ OXO  
☐ OXXO  
☐ XX (42"/1067 mm) maximum height)  
☐ XOX (25%-50%-25%)

**OPTIONS:**  
☐ Keyed Lock  
☐ Stainless Steel Shelf  
☐ Laminated Shelf  
☐ Transom/Sidelite  
☐ Surround Frame (not available on all models)  
☐ No Track Under Sliding Panels  
☐ Full Bottom Track (Required for windows over 36"/914 mm high)

## CRL Quick-Fab Program for Sliding Service Windows



Need a custom built Sliding Service Window in a hurry? Consider CRL's exclusive Quick-Fab Program. Quick-Fab gives priority treatment to orders that just can't wait. With Quick-Fab, your Sliding Service Window can be ready to ship direct from our California manufacturing plant in as few as five business days.

You specify the model, sizes, finish, and glazing option of the Service Window that will best serve your customer's needs.

Upon receipt of the approved purchase order and specifications we begin fabrication immediately, using quality materials and workmanship throughout.

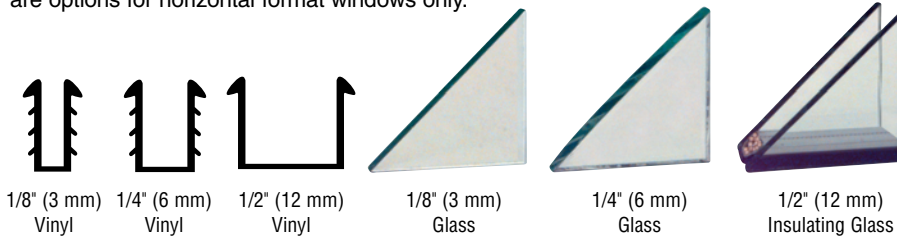
The convenience of Quick-Fab can give you the advantage when bidding a job. Speed is an important factor and can make the difference between winning or losing an important contract. Use CRL Quick-Fab to your advantage.



## CRL Manual Standard Sliding Service Windows (SW Series)

### Glazing Options

All Sliding Service Windows can be supplied with your choice of glazing vinyls, pre-glazed with 1/4" (6 mm) tempered glass, or with a 1/2" (12 mm) insulating glass unit. **NOTE:** 1/8" (3 mm) tempered glass and 1/2" (12 mm) insulating glass are options for horizontal format windows only.



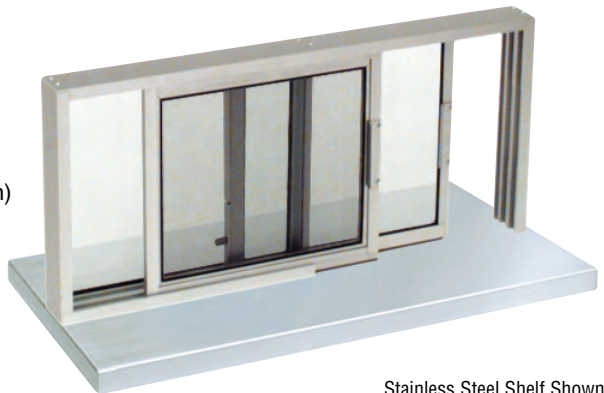
### Frame Finishes

Frames for all Sliding Service Windows are constructed of 6063-T5 alloy extruded aluminum in your choice of satin anodized, duranodic bronze, or any of the RAL powder paint or Kynar paint colors.

**NOTE:** All painted windows are factory glazed.

### Shelf Options

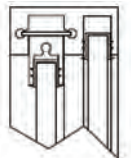
Stainless Steel or Plastic Laminate Shelves can be mounted to any window format. Brushed Stainless Steel Shelves are available in 12" or 18" (305 or 457 mm) depths, as well as custom.



Stainless Steel Shelf Shown

### Full Bottom Track Option

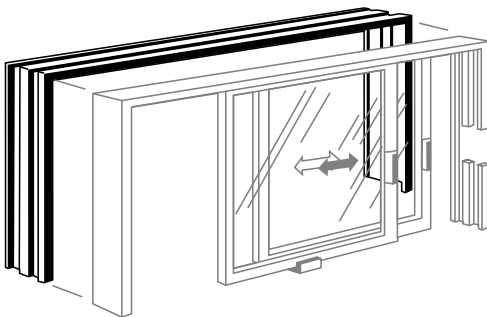
A Full Bottom Track with Wheels can be added to any horizontal window. When added, larger sliding panels operate smoothly in conjunction with the top nylon guides.



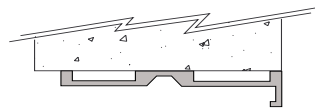
Ball Bearing Wheel Assembly

SW Full Bottom Track Insert

### Surround Frame Option



Optional extruded aluminum Surround Frame provides for easy installation or removal of Sliding Service Window frame. Available for most series. Surround Frames are available in finishes to match Sliding Service Windows.



Surround Frame Extrusion

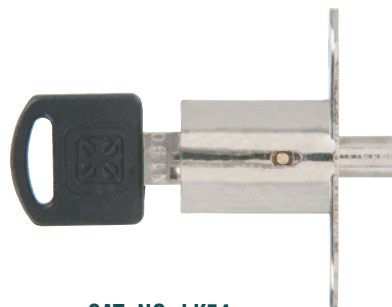
### Sash Balances

Optional Sash Balances are required for larger Vertical Format Service Windows exceeding 1050 square inches (width x height). They are concealed behind a 4-5/8" (117 mm) tall header (see page T119).

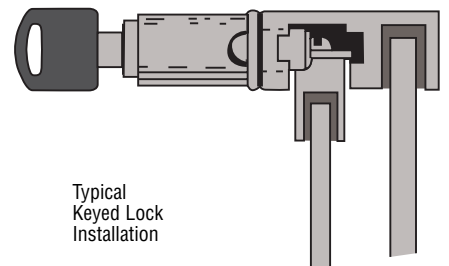


### Keyed Lock Option

Keyed Lock Option is available for most horizontal and vertical window formats. In the vertical format, Keyed Locks mount in the jambs above the vent panel. In most horizontal applications, the Keyed Lock mounts in the header. Locks are also available keyed alike.



CAT. NO. LK54



Typical Keyed Lock Installation

## CRL Vertical Sliding Service Windows

- Fixed Top Panel; Sliding Lower Panel
- Available With or Without a Screen
- Available Pre-Glazed or Non-Glazed

These Vertical Sliding Service Windows have one lower sliding panel and one fixed upper panel. They can be supplied with vinyl to accommodate 1/4" (6 mm) glazing materials, or ordered pre-glazed with 1/4" (6 mm) tempered or laminated glass. Some units are also available with a sliding screen. All windows are shipped assembled, ready for glazing and installation. **NOTE:** Windows exceeding 1050 square inches (width x height) have a 4-5/8" (117 mm) high cover plate at the top of the frame to conceal sash balances (see page T119). An overhang is recommended if used in an exterior application.

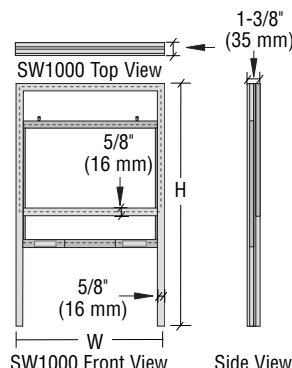
### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Fiberglass Screen (on some models)

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted. Painted units ship glazed only.

**Glazing:** 1/4" (6 mm) Tempered or Laminated Glass (on some models); Vinyl Supplied on All Models

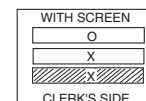
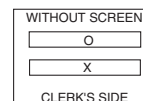
**Instructions Included**



SERIES 1000  
NO SCREEN  
1-3/8" (35 mm)  
Frame

SERIES 1200  
WITH SCREEN  
2-1/4" (57 mm)  
Frame

Clerk's Side



### STOCK SIZE MODELS

| CAT. NO. | SIZE (WxH)               | FINISH           | GLAZING                | SCREEN |
|----------|--------------------------|------------------|------------------------|--------|
| V1530    | 15" x 30" (381 x 762 mm) | Satin Anodized   | 1/4" (6 mm) Vinyl Only | Yes    |
| V1530DU  | 15" x 30" (381 x 762 mm) | Duranodic Bronze | 1/4" (6 mm) Vinyl Only | Yes    |
| V2436    | 24" x 36" (610 x 914 mm) | Satin Anodized   | 1/4" (6 mm) Vinyl Only | Yes    |
| V2436DU  | 24" x 36" (610 x 914 mm) | Duranodic Bronze | 1/4" (6 mm) Vinyl Only | Yes    |

Minimum order: 1 each.

### CUSTOM SIZE MODELS

| CAT. NO. | GLAZING                | SCREEN |
|----------|------------------------|--------|
| SW1000   | 1/4" (6 mm) Vinyl Only | No     |
| SW1014   | 1/4" (6 mm) Glass      | No     |
| SW1200   | 1/4" (6 mm) Vinyl Only | Yes    |
| SW1214   | 1/4" (6 mm) Glass      | Yes    |

Minimum order: 1 each.

## CRL Surface Mount or Pocket Glaze Vertical Sliding Service Windows

- No Glazing in Top Panel
- Lower Panel Available Non-Glazed or Pre-Glazed

These Vertical Sliding Service Windows are designed for surface mount or pocket installation. They feature a lower opening panel that slides up into the empty upper frame. Windows can be supplied only with vinyl to accommodate 1/4" (6 mm) thick glazing materials. Pre-glazed units with 1/4" (6 mm) tempered glass (sliding panel only) may also be ordered. A slide lock is mounted on the lower channel. All windows are shipped assembled, ready for glazing and installation. Size restrictions apply.

### SPECIFICATIONS:

**Materials:** Extruded Aluminum

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted

**Glazing:** 1/4" (6 mm) Tempered or Laminated Glass (on some models); Vinyl Supplied on All Models

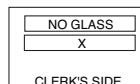
**Instructions Included**



Pocket Installation



Clerk's Side



| CAT. NO. | GLAZING                | SCREEN |
|----------|------------------------|--------|
| SW1400   | 1/4" (6 mm) Vinyl Only | No     |
| SW1414   | 1/4" (6 mm) Glass      | No     |

Minimum order: 1 each.

## CRL Vertical Sliding Windows Quote/Order Request Form

Use These Specifications to Design the SW Series Vertical Sliding Window of Your Choice

### Specifications

Quantity \_\_\_\_\_ Width \_\_\_\_\_ Height \_\_\_\_\_

**GLAZING:** ☐ Unglazed Type: ☐ Tempered

Thickness: ☐ 1/4" (6 mm)

☐ Wire

☐ Tinted \_\_\_\_\_

☐ Laminated

### TYPE OF SLIDER:

☐ With Screen

☐ Without Screen

☐ Pocket or Surface Mount (no glass in fixed frame)

### FINISH:

☐ Satin Anodized

☐ Duranodic Bronze

☐ RAL Powder Paint (Specify Color)\*

☐ Custom Kynar Paint (Specify Color)\*

### OPTIONS:

☐ Keyed Lock

☐ Stainless Steel Shelf

☐ Laminated Shelf

☐ Transom/Sidelite

☐ Surround Frame (not available on all models)

☐ Sash Balances (Windows over 1050 square inches)

\*Painted windows must be factory glazed.

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T118 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL Vertical Sliding Service Windows With Sash Balances

- Available With or Without a Screen
- Available Pre-Glazed or Non-Glazed
- For Windows Exceeding 1050 Square Inches (Width x Height)

All larger Vertical Format Service Windows which exceed 1050 square inches (width x height) require Sash Balances. They are concealed behind a 4-5/8" (117 mm) tall header. An overhang is recommended if used in an exterior application.

### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Fiberglass Screen (on some models)

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted or Kynar Painted. Painted units ship glazed only.

**Glazing:** 1/4" (6 mm) Tempered or Laminated Glass (on some models); Vinyl Supplied on All Models

**Instructions Included**



SERIES SWB1000  
WITH SASH BALANCES  
NO SCREEN

Clerk's Side



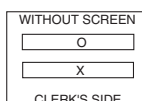
SERIES V3636/SWB1200  
WITH SASH BALANCES  
AND SCREEN

Clerk's Side



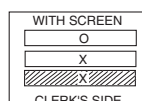
SERIES SWB1400  
WITH SASH BALANCES  
NO SCREEN, NO TOP PANEL

Clerk's Side



WITHOUT SCREEN

CLERK'S SIDE



WITH SCREEN

CLERK'S SIDE

### CUSTOM SIZE MODELS

| CAT. NO.       | GLAZING                       | SCREEN |
|----------------|-------------------------------|--------|
| <b>SWB1000</b> | 1/4" (6 mm) Vinyl Only        | No     |
| <b>SWB1014</b> | 1/4" (6 mm) Glass             | No     |
| <b>SWB1200</b> | 1/4" (6 mm) Vinyl Only        | Yes    |
| <b>SWB1214</b> | 1/4" (6 mm) Glass             | Yes    |
| <b>SWB1400</b> | Pocket 1/4" (6 mm) Vinyl Only | No     |
| <b>SWB1414</b> | Pocket 1/4" (6 mm) Glass      | No     |

Minimum order: 1 each.

### STOCK SIZE MODELS

| CAT. NO.       | SIZE (WxH)               | FINISH           | GLAZING                | SCREEN |
|----------------|--------------------------|------------------|------------------------|--------|
| <b>V3636</b>   | 36" x 36" (914 x 914 mm) | Satin Anodized   | 1/4" (6 mm) Vinyl Only | Yes    |
| <b>V3636DU</b> | 36" x 36" (914 x 914 mm) | Duranodic Bronze | 1/4" (6 mm) Vinyl Only | Yes    |

Minimum order: 1 each.

## CRL Mars® Service Window Air Curtain

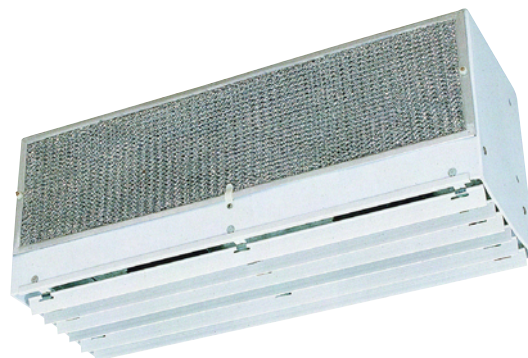
**new**

- Perfect for Drive-Thru and Walk-Up Service Window Applications
- Forced Air Keeps Out Insects, Dust, and Car Exhaust Fumes
- 25" (635 mm) Wide Unit for Window Sizes Up to 60" (1524 mm) High and 30" (762 mm) Wide
- Features Washable Air Filter

Compact and convenient, the CRL Mars® Service Window Air Curtain creates an advanced air barrier to insects, dust, and fumes without disturbing customers or employees. Designed for fast food drive-thru windows, dairy and ice cream stores, hamburger stands, and other businesses with serving windows, such as banks, dry cleaners, and pharmacies.

The CRLW25 provides an unobstructed view while it maintains clean, sanitary conditions. No remodeling or expensive installation is needed for this versatile air curtain, which mounts inside or outside the exterior wall. Mounting holes on brackets simplify installation. Features include a high-impact PolyMars® white exterior cabinet and washable air filter. Standard model operates on 115V AC. 208/230V model available on special order. **NOTE:** In many cases local Health Departments are requiring quick service restaurants to have air curtains, or "fly fans" as they have become known in the industry, above each service window opening. C.R. Laurence now offers an optional integrated micro-switch concealed in the window, which will automatically turn the air curtain on as the window opens and off as the window closes. Not only is this convenient and time saving during installation, but the clerk operating the window has one less thing to think about.

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. 7760. You can also send e-mail through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



- Meets All NSF® Standards



| CAT. NO.      | FINISH |
|---------------|--------|
| <b>CRLW25</b> | White  |



## CRL Horizontal Sliding Pass-Thru Window Assemblies



### SPECIFICATIONS:

**Material:** Extruded Aluminum 6063-T5

**Finish:** Satin Anodized or Duranodic Bronze

**Instructions Included**



- Custom Cut to Your Specifications for Opening Width and Height
- Shipped Knocked Down and Ready to Assemble
- You Supply the Labor and Glass
- Two Attractive Finishes: Satin Anodized or Duranodic Bronze
- Six Designs to Choose From
- Some Models Available With Screens

Horizontal Sliding Pass-Thru Window Assemblies are made to fit your exact specifications. You advise the height and width of the opening, and your preferred deductions, we will ship a Pass-Thru that's ready to assemble and install between adjoining rooms in interior serving window applications. Pass-Thrus offer the advantages of pass through convenience while open, and serve as a sound and draft barrier when closed.

Choose from our six distinctive styles for total design flexibility. Single or double action bypassing panels can be ordered with or without screens. Each design comes with your choice of overhead track, so you'll be able to match existing storefront metal. Any one of three glazing vinyls are used, depending on the thickness of glass you intend to use. Panels roll smoothly on ball bearing rollers using low profile guides to leave an unobstructed counter.

The following is included: Top Track, Side Jambs, Rollers, Guides, Catches, and Glazing Vinyl. Easy to follow instructions are shipped with each Pass-Thru so your window will go together quickly and easily.

On page T121 are simple instructions you can follow when designing and ordering your custom Horizontal Sliding Pass-Thru Window Assembly.

## Typical Applications

- Reception Windows in Offices, Doctor's Waiting Rooms, Service Departments
- Walk-Up Customer Service Windows in Retail Stores

Pass-Thru Windows are typically installed in situations where service personnel attend to walk-up traffic. Overhead track design leaves counter surface free from obstructions. Design flexibility allows installation into virtually any rectangular opening.

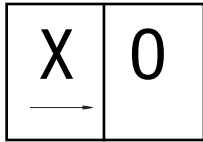
For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



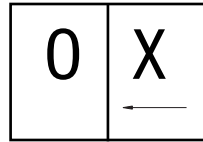
## CRL Horizontal Sliding Pass-Thru Window Assemblies (Unglazed)

### Ordering Specifications and Options

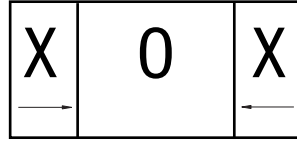
#### Choose a Configuration\*



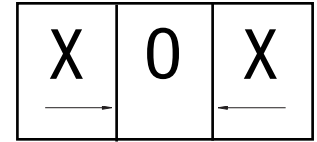
☐ Florence Model



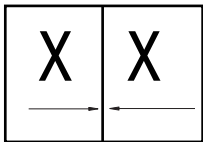
☐ Florence Model



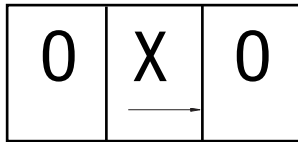
☐ Fawn Model



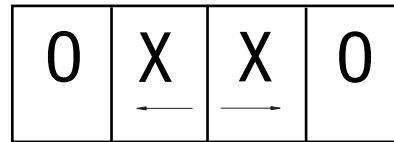
☐ Arlene Model



☐ Daisy Model



☐ Barbara Model



☐ Diane Model

X = Sliding Panel  
O = Fixed Panel

#### Standard Features

- All Units Shipped Knocked Down and Ready to Assemble
- All Units Come With Latching Device (at Header Only for XX or XOX 1/3-1/3-1/3 Units)
- Glazing Supplied by Customer
- Painted Finishes Not Available

#### Choose a Finish

- ☐ Satin Anodized
- ☐ Duranodic Bronze

#### Choose a Glazing Vinyl

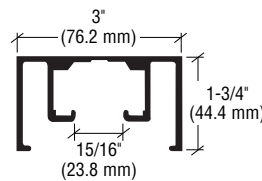
- ☐ 3/16" (5 mm) Glazing
- ☐ 1/4" (6 mm) Glazing

#### Options

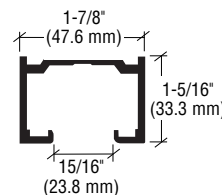
- ☐ Keyed Locks
- ☐ Screens (not available for Daisy and Arlene Models)
- ☐ Oversized D1670 Track (not available for XX Models)
- ☐ Full Bottom Track (Standard units have no bottom track)

#### Overhead Track Choices

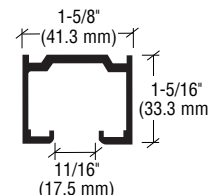
All models (with the exception of Daisy) come with your choice of D1670 or D7 Overhead Track. Daisy comes with your choice of D6 or D4 Overhead Track. When matching a storefront extrusion made of 1-3/4" x 3" (44.4 x 76.2 mm) rectangular tubing, the D1670 Upper Track may be used.



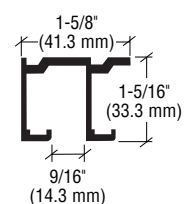
D1670



D7



D6



D4

#### Restrictions

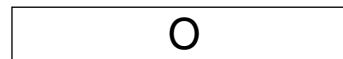
- Maximum Frame Height: 50" (1270 mm)
- Maximum Overall Width is 36" (914 mm) per Sliding Panel; 72" (1828 mm) per Fixed Panel
- Units Require Separate Openings. Side-by-Side Installations Require Vertical Mullions Provided by the Installer
- Windows Recommended for Interior Use Only

#### Notes

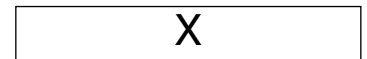
Units are designed to fit tight into a finished opening. CRL recommends ordering the frame size 1/8" (3 mm) less in width and height than the tightest wall opening dimensions. Sliding panels are typically guided by a retractable guide inserted into the counter or drywall opening. Full bottom tracks are available as an option. All units ship with simple manual latches. Keyed locks are available factory-installed if ordered as an option. Glass sizes are available upon request at time of order.

#### \*Handing of Sliding Panels

When specifying fixed or sliding panels, handing is taken from the clerk's side of the opening.



Fixed Panel



Sliding Panel

If you need to make an overhead drawing, use "X" to indicate a sliding panel, "O" to indicate a fixed panel. This will help to avoid confusion. Remember, all specifications are taken from the clerk's side.

#### Design Assistance

Drawings can be sent by fax for review by CRL Transaction Technical Sales. Fax to (800) 458-7496 or (323) 584-5293. Send e-mail to [transaction@crlaurence.com](mailto:transaction@crlaurence.com)

## Florence Model Pass-Thru

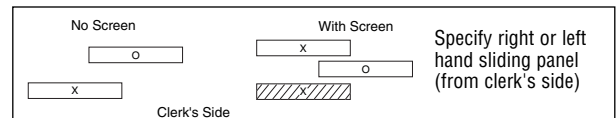
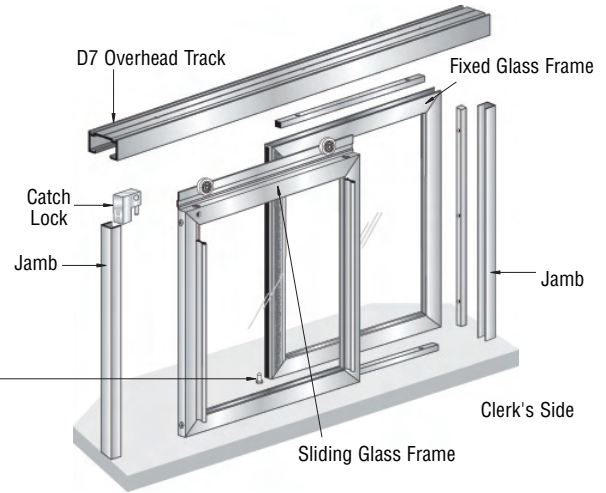
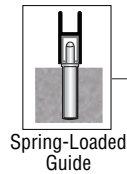


- Two Panels: One Fixed, One Sliding
- Available With or Without Screens

The Florence Pass-Thru gives you the benefit of an unobstructed counter surface and easy rolling overhead track. Florence is a two-panel window, one fixed and one sliding. Sliding panel is called out from the clerk's side of the opening.

| CAT. NO. | FINISH           | OVERHEAD TRACK | SCREEN |
|----------|------------------|----------------|--------|
| D1018A   | Satin Anodized   | D7             | Yes    |
| D1018DU  | Duranodic Bronze | D7             | Yes    |
| D1019A   | Satin Anodized   | D1670          | Yes    |
| D1019DU  | Duranodic Bronze | D1670          | Yes    |
| D1038A   | Satin Anodized   | D7             | No     |
| D1038DU  | Duranodic Bronze | D7             | No     |
| D1039A   | Satin Anodized   | D1670          | No     |
| D1039DU  | Duranodic Bronze | D1670          | No     |

Minimum order: 1 each.



## Fawn Model Pass-Thru

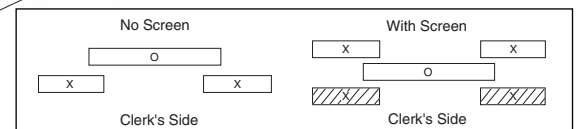
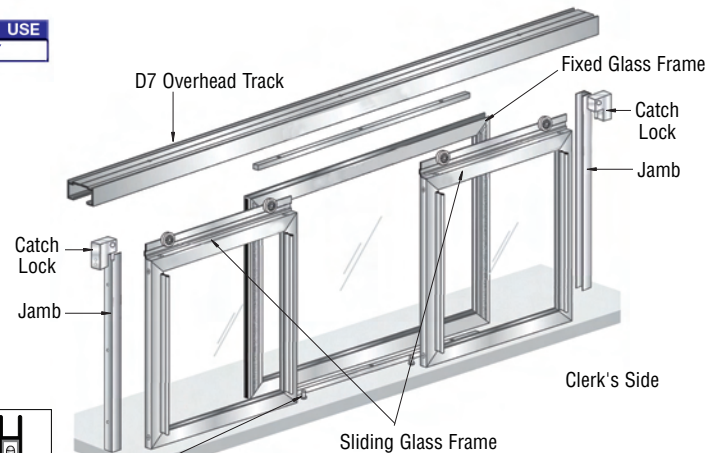
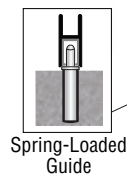


- Three Panels: One Fixed, Two Sliding
- Available With or Without Screens

Fawn Pass-Thru Windows have a center fixed panel approximately twice the size of the sliding panels. This allows both sliding panels to be opened at the same time. You also have the option of including screens.

| CAT. NO. | FINISH           | OVERHEAD TRACK | SCREEN |
|----------|------------------|----------------|--------|
| D1025A   | Satin Anodized   | D7             | Yes    |
| D1025DU  | Duranodic Bronze | D7             | Yes    |
| D1026A   | Satin Anodized   | D1670          | Yes    |
| D1026DU  | Duranodic Bronze | D1670          | Yes    |
| D1027A   | Satin Anodized   | D7             | No     |
| D1027DU  | Duranodic Bronze | D7             | No     |
| D1028A   | Satin Anodized   | D1670          | No     |
| D1028DU  | Duranodic Bronze | D1670          | No     |

Minimum order: 1 each.



## Arlene Model Pass-Thru

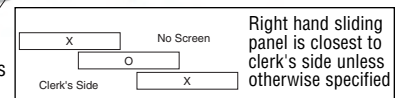
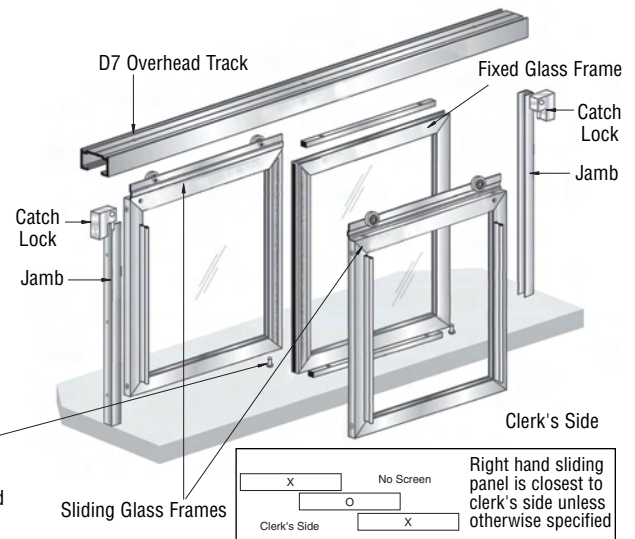
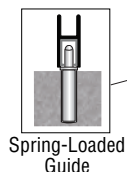


- Three Panels: One Fixed, Two Sliding
- Two Overhead Track Options

Arlene Pass-Thru Windows are equally divided and have a center fixed panel. One of the sliding glass panels rolls on the front track, and the other on the rear track, with the fixed panel sandwiched in between. Screens are not available.

| CAT. NO. | FINISH           | OVERHEAD TRACK | SCREEN |
|----------|------------------|----------------|--------|
| D1022A   | Satin Anodized   | D7             | No     |
| D1022DU  | Duranodic Bronze | D7             | No     |
| D1023A   | Satin Anodized   | D1670          | No     |
| D1023DU  | Duranodic Bronze | D1670          | No     |

Minimum order: 1 each.





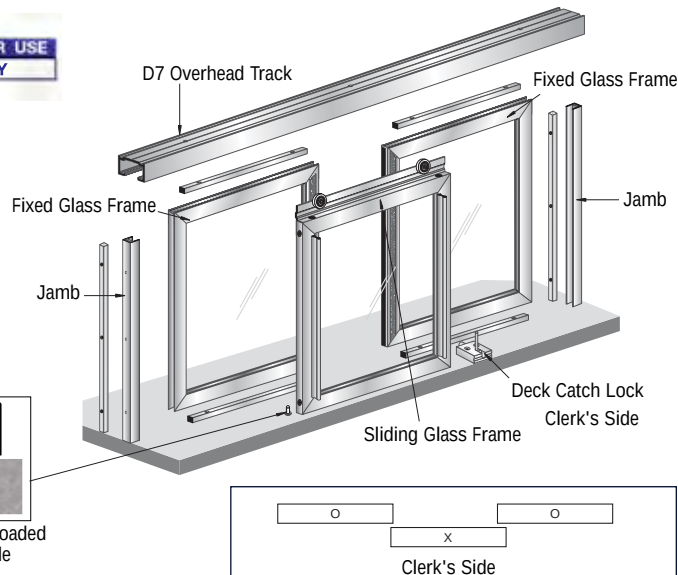
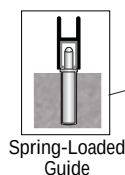
## Barbara Model Pass-Thru

- Three Panels: Two Fixed, One Sliding
- Two Overhead Track Options

Barbara Pass-Thru Assemblies are equally divided, three panel windows that have a center sliding panel. Screens are not available.

| CAT. NO.       | FINISH           | OVERHEAD TRACK |
|----------------|------------------|----------------|
| <b>D1029A</b>  | Satin Anodized   | D7             |
| <b>D1029DU</b> | Duranodic Bronze | D7             |
| <b>D1030A</b>  | Satin Anodized   | D1670          |
| <b>D1030DU</b> | Duranodic Bronze | D1670          |

Minimum order: 1 each.



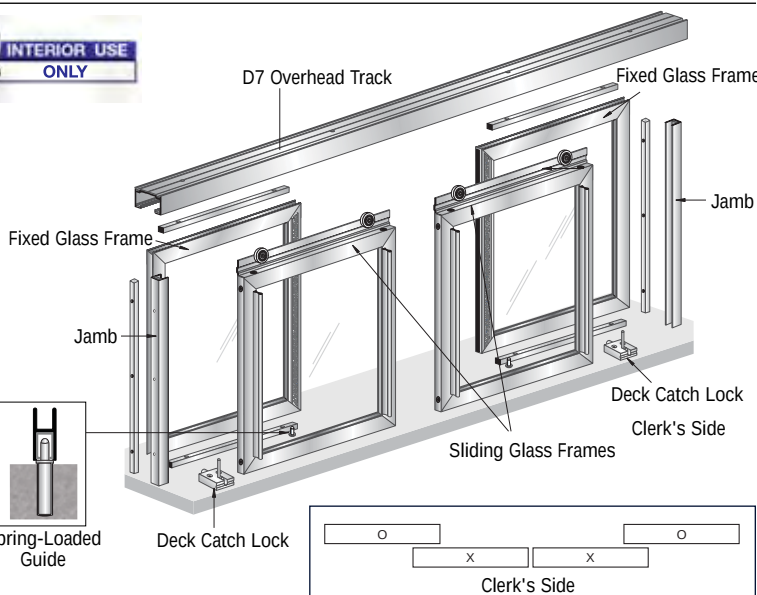
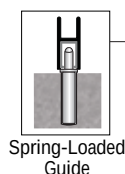
## Diane Model Pass-Thru

- Four Panels: Two Fixed, Two Sliding
- Two Overhead Track Options

The Diane Pass-Thru has two sliding panels that meet in the center and are flanked by fixed side panels, giving you an extra wide, unobstructed counter surface. Screens are not available.

| CAT. NO.       | FINISH           | OVERHEAD TRACK |
|----------------|------------------|----------------|
| <b>D1031A</b>  | Satin Anodized   | D7             |
| <b>D1031DU</b> | Duranodic Bronze | D7             |
| <b>D1032A</b>  | Satin Anodized   | D1670          |
| <b>D1032DU</b> | Duranodic Bronze | D1670          |

Minimum order: 1 each.



## Daisy Model Pass-Thru

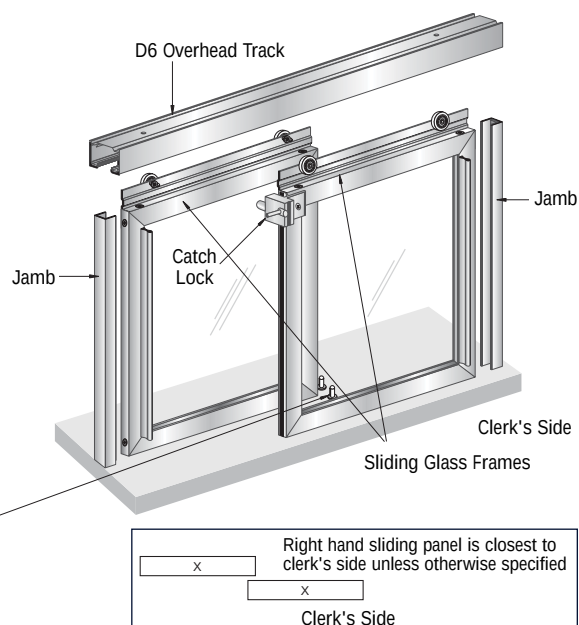
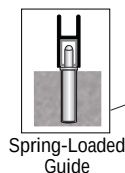
- Two Sliding Glass Panels
- Available With or Without Jamb

The Daisy Pass-Thru is the finest window of its type. The two panels are equally divided (both sliding), giving you the benefit of an unobstructed counter surface and an easy rolling overhead track. Ideal for receptionist window, cashier window, office, and pass-thru applications.

Two types of headers are available: the standard D6 Overhead Track, or the back-loading D4 Overhead Track. You have the option of ordering it with or without jambs. Screens are not available.

| CAT. NO.       | FINISH           | OVERHEAD TRACK | JAMBS |
|----------------|------------------|----------------|-------|
| <b>D1040A</b>  | Satin Anodized   | D4             | Yes   |
| <b>D1040DU</b> | Duranodic Bronze | D4             | Yes   |
| <b>D1041A</b>  | Satin Anodized   | D6             | Yes   |
| <b>D1041DU</b> | Duranodic Bronze | D6             | Yes   |
| <b>D1042A</b>  | Satin Anodized   | D4             | No    |
| <b>D1042DU</b> | Duranodic Bronze | D4             | No    |
| <b>D1043A</b>  | Satin Anodized   | D6             | No    |
| <b>D1043DU</b> | Duranodic Bronze | D6             | No    |

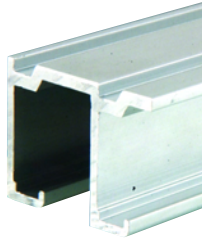
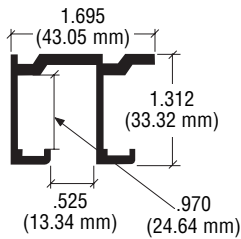
Minimum order: 1 each.



## CRL Horizontal Sliding Pass-Thru Window Components

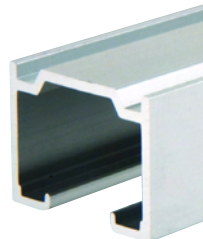
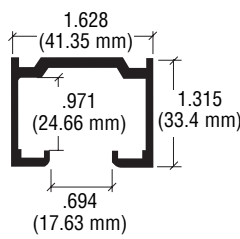
### CRL Overhead Tracks

Four Overhead Tracks from which to choose.



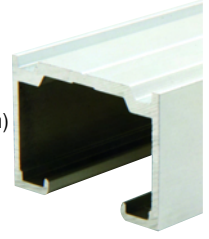
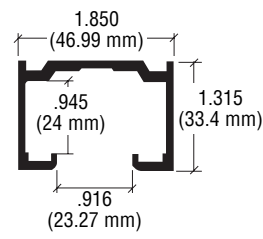
| CAT. NO.    | FINISH           | STOCK LENGTH  |
|-------------|------------------|---------------|
| <b>D4A</b>  | Satin Anodized   | 12' (3.66 m)* |
| <b>D4DU</b> | Duranodic Bronze | 12' (3.66 m)* |

Minimum order: 1 stock length.



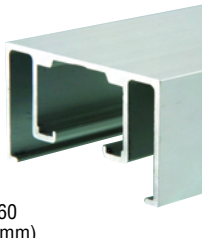
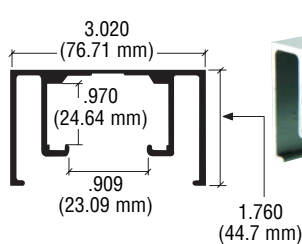
| CAT. NO.    | FINISH           | STOCK LENGTH  |
|-------------|------------------|---------------|
| <b>D6A</b>  | Satin Anodized   | 12' (3.66 m)* |
| <b>D6DU</b> | Duranodic Bronze | 12' (3.66 m)* |

Minimum order: 1 stock length.



| CAT. NO.    | FINISH           | STOCK LENGTH  |
|-------------|------------------|---------------|
| <b>D7A</b>  | Satin Anodized   | 12' (3.66 m)* |
| <b>D7DU</b> | Duranodic Bronze | 12' (3.66 m)* |

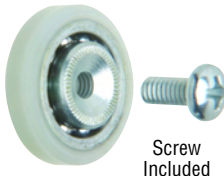
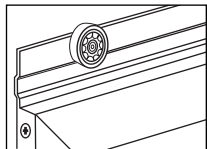
Minimum order: 1 stock length.



| CAT. NO.       | FINISH           | STOCK LENGTH  |
|----------------|------------------|---------------|
| <b>D1670A</b>  | Satin Anodized   | 10' (3.05 m)* |
| <b>D1670DU</b> | Duranodic Bronze | 10' (3.05 m)* |

Minimum order: 1 stock length.

### CRL Nylon Ball Bearing Roller

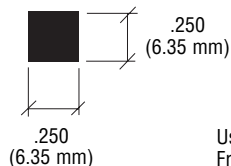


Screw Included

| CAT. NO.    | DESCRIPTION         | DIAMETER       |
|-------------|---------------------|----------------|
| <b>D679</b> | Ball Bearing Roller | 7/8" (22.2 mm) |

Minimum order: 1 each.

### CRL 1/4" Bar Stock

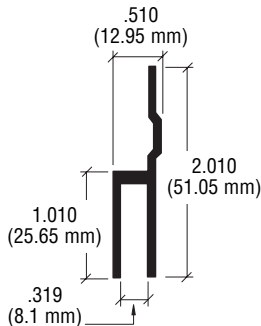


Use with Cat. No. D610 Framing to mount fixed lites.

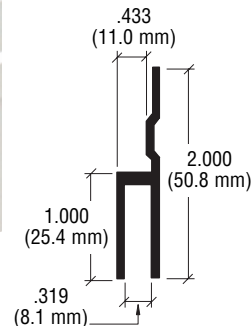
| CAT. NO.     | FINISH | STOCK LENGTH  |
|--------------|--------|---------------|
| <b>D637M</b> | Mill   | 12' (3.66 m)* |

Minimum order: 1 stock length.

### CRL Hangers



**D40** Front Hanger

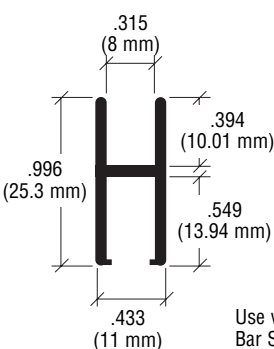


**D41** Rear Hanger

| CAT. NO.     | DESCRIPTION  | FINISH           | STOCK LENGTH  |
|--------------|--------------|------------------|---------------|
| <b>D40A</b>  | Front Hanger | Satin Anodized   | 12' (3.66 m)* |
| <b>D40DU</b> | Front Hanger | Duranodic Bronze | 12' (3.66 m)* |
| <b>D41A</b>  | Rear Hanger  | Satin Anodized   | 12' (3.66 m)* |
| <b>D41DU</b> | Rear Hanger  | Duranodic Bronze | 12' (3.66 m)* |

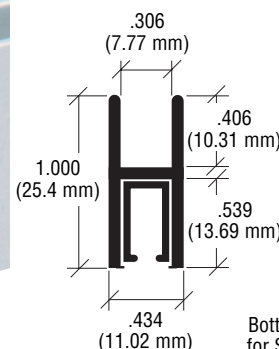
Minimum order: 1 stock length. **NOTE:** Use with Cat. No. D679 Nylon Ball Bearing Rollers.

### CRL Frame Extrusions



**D610**

Use with Cat. No. D637M Bar Stock for fixed lites top, bottom, and wall side.



**D1611**  
Bottom Member  
for Sliding Panel

| CAT. NO.       | DESCRIPTION        | FINISH           | STOCK LENGTH  |
|----------------|--------------------|------------------|---------------|
| <b>D610A</b>   | Fixed Lite Frame   | Satin Anodized   | 12' (3.66 m)* |
| <b>D610DU</b>  | Fixed Lite Frame   | Duranodic Bronze | 12' (3.66 m)* |
| <b>D1611A</b>  | Slider Lower Frame | Satin Anodized   | 12' (3.66 m)* |
| <b>D1611DU</b> | Slider Lower Frame | Duranodic Bronze | 12' (3.66 m)* |

Minimum order: 1 stock length.

\*All aluminum extrusions can be combined for quantity pricing. **10** Minimum Quantity A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

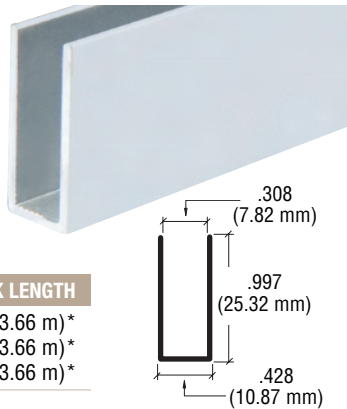
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## CRL Horizontal Sliding Pass-Thru Window Components

### CRL Vertical Frame Extrusion

This versatile extrusion is used to frame glass edges. Profile matches our D1623 Dust Proof Rail (see below).

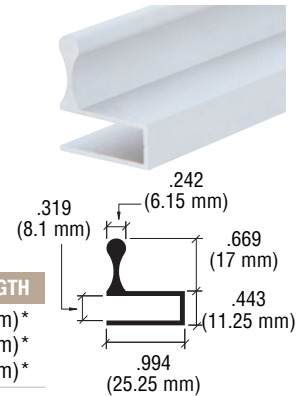


| CAT. NO.      | FINISH           | STOCK LENGTH  |
|---------------|------------------|---------------|
| <b>D623A</b>  | Satin Anodized   | 12' (3.66 m)* |
| <b>D623DU</b> | Duranodic Bronze | 12' (3.66 m)* |
| <b>D623GA</b> | Gold Anodized    | 12' (3.66 m)* |

Minimum order: 1 stock length.

### CRL Vertical Frame Extrusion With Finger Pull

Designed for use on 1/4" (6 mm) glass. Profile matches D623 Frame Extrusion.



| CAT. NO.      | FINISH           | STOCK LENGTH  |
|---------------|------------------|---------------|
| <b>D639A</b>  | Satin Anodized   | 12' (3.66 m)* |
| <b>D639DU</b> | Duranodic Bronze | 12' (3.66 m)* |
| <b>D639GA</b> | Gold Anodized    | 12' (3.66 m)* |

Minimum order: 1 stock length.

### CRL Dust Proof Rail With Bumper

The Wiper provides a seal between the sliding tracks. Bumper cushions glass closure.

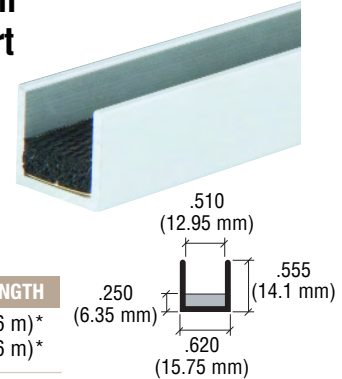


| CAT. NO.       | FINISH           | STOCK LENGTH  |
|----------------|------------------|---------------|
| <b>D1623A</b>  | Satin Anodized   | 12' (3.66 m)* |
| <b>D1623DU</b> | Duranodic Bronze | 12' (3.66 m)* |

Minimum order: 1 stock length.

### CRL Single Jamb Extrusion With Sponge Rubber Insert

Single Jamb Extrusion is used when a single vertical jamb is required. The sponge rubber insert acts as a cushion so there is no glass-to-metal or metal-to-metal contact.

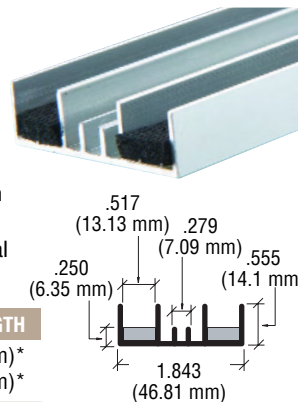


| CAT. NO.      | FINISH           | STOCK LENGTH  |
|---------------|------------------|---------------|
| <b>D606A</b>  | Satin Anodized   | 12' (3.66 m)* |
| <b>D606DU</b> | Duranodic Bronze | 12' (3.66 m)* |

Minimum order: 1 stock length.

### CRL Double Jamb Extrusion With Sponge Rubber Inserts

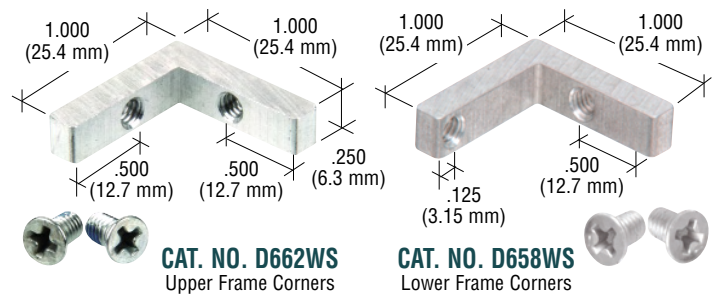
This extrusion is used when a double jamb is required, typically for models with Screens. The sponge rubber insert acts as a cushion so there is no glass-to-metal or metal-to-metal contact.



| CAT. NO.       | FINISH           | STOCK LENGTH  |
|----------------|------------------|---------------|
| <b>D1606A</b>  | Satin Anodized   | 12' (3.66 m)* |
| <b>D1606DU</b> | Duranodic Bronze | 12' (3.66 m)* |

Minimum order: 1 stock length.

### CRL Frame Corners With Screws



Designed to connect and attach Aluminum Frame Extrusions. The Corner is inserted inside the Frame, and then fastened with the two screws that are included. Minimum order is one each.

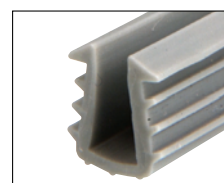
### CRL Catch Locks and Guides



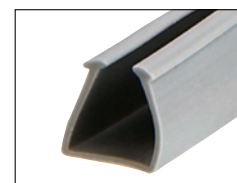
Catch Locks  
See page T126

Lower Guides  
See [crlaurence.com](http://crlaurence.com)

### CRL Glazing Vinyl in 100 Foot Rolls



CAT. NO.  
**D752C**  
3/16" Vinyl



CAT. NO.  
**D751C**  
1/4" Vinyl

These CRL Glazing Vinyls are made to work with 3/16" and 1/4" (5 and 6 mm) thick glass. When glazing is completed, all that remains visible is a neat "bead" that gives the framed glass a finished appearance. Available in both 100 foot and 1000 foot (30.5 and 305 m) rolls. Minimum order is one roll.

\*All aluminum extrusions can be combined for quantity pricing. **10** A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for UPS. A Cutting Charge will apply.

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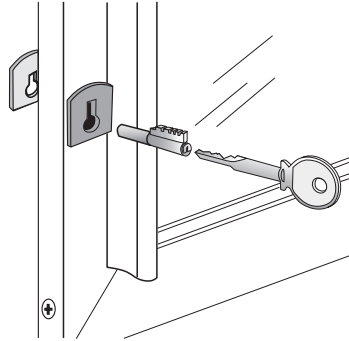
PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA | T125



## CRL Horizontal Sliding Pass-Thru Window Components

### CRL Lock Catches for Pass-Thru Windows and Rolling Track Assemblies

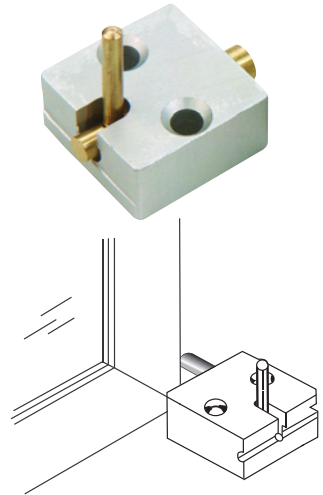
- **Efficient and Economical Catch Locks Can Be Deck Mounted or Installed at the Header**
- **Available in Two Finishes**



This optional Keyed Lock Assembly for horizontal pass-thru window kits is a modified version of CRL CAT. NO. D802C/D802DU. Sold separately by special order only.

### CRL Low Profile Deck Catch

This CRL Low Profile Deck Catch for Pass-Thru Windows is spring loaded. It is typically installed where the retractable plunger can be positioned to block the path of the sliding panel frame.

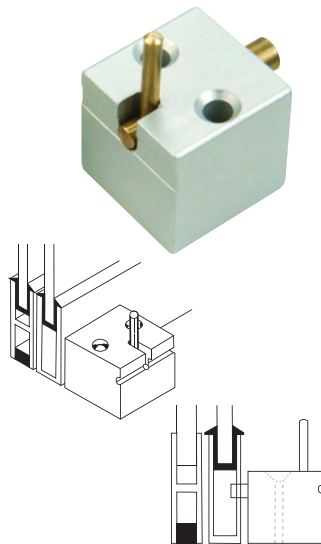


| CAT. NO. | FINISH           |
|----------|------------------|
| D812A    | Satin Anodized   |
| D812DU   | Duranodic Bronze |

Minimum order: 1 each.

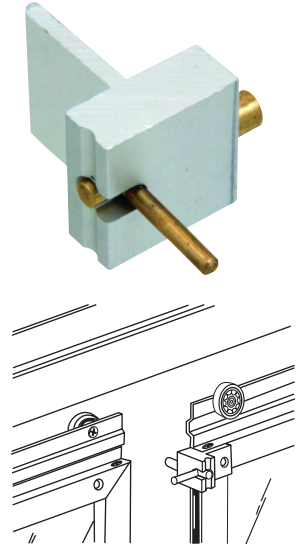
### CRL Deck Catch

This CRL Deck Catch for Pass-Thru Windows was primarily developed for use with track assemblies with taller H-Bars. It mounts on the deck and is placed close to the sliding panel so it can act as a guide. It should be positioned so the plunger can push into the sliding panel, locking it in place. Locks into a 9/32" (7 mm) hole drilled in the sliding panel's frame, or can fall behind the frame, which would eliminate drilling.



### CRL Spring Loaded Catch

This CRL Spring Loaded Catch for Pass-Thru Windows is designed to be used on bypassing doors. It mounts on the Front Hanger, and the plunger locks into a 9/32" (7 mm) hole drilled in the Back Hanger to secure both doors.

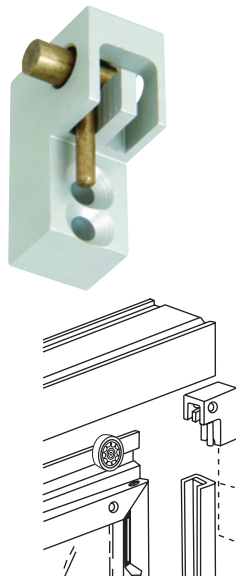


| CAT. NO. | FINISH           |
|----------|------------------|
| D52A     | Satin Anodized   |
| D52DU    | Duranodic Bronze |

Minimum order: 1 each.

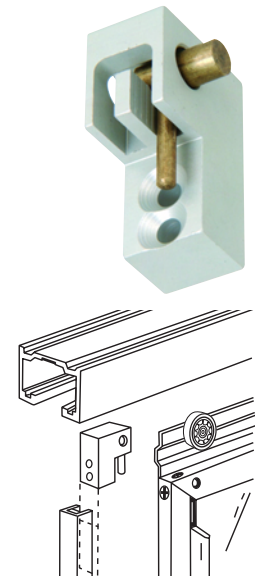
### CRL Left Handed Window Catch

This CRL Left Handed Window Catch for Pass-Thru Windows is not spring loaded. It mounts next to the jamb near the top of the opening where the plunger locks into a 9/32" (7 mm) hole drilled into the sliding panel.



### CRL Right Handed Window Catch

This CRL Right Handed Window Catch for Pass-Thru Windows is not spring loaded. It mounts next to the jamb near the top of the opening where the plunger locks into a 9/32" (7 mm) hole drilled into the sliding panel.



| CAT. NO. | FINISH           |
|----------|------------------|
| D53ARH   | Satin Anodized   |
| D53DURH  | Duranodic Bronze |

Minimum order: 1 each. Handing is viewed from exterior side, and is reversible.

| CAT. NO. | FINISH           |
|----------|------------------|
| D53ALH   | Satin Anodized   |
| D53DULH  | Duranodic Bronze |

Minimum order: 1 each. Handing is viewed from exterior side, and is reversible.

## CRL Surface Mount and Pocket Glaze Track Assembly Extrusions

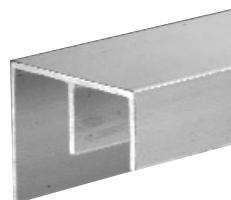
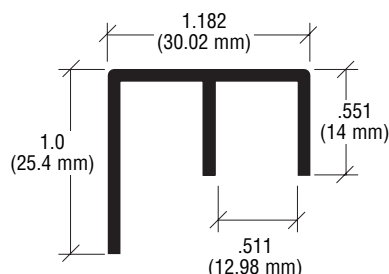
- Used to Fabricate Custom Size Display Cases, Cabinets or Pass-Thru's
- Mount on Surface or Into Wall Opening



CRL offers you extrusions for Surface Mounted and Pocket Glazed Track Assemblies for commercial and residential installations. They mount quickly and easily into an opening on the wall. Aluminum H-Bar, Wheel Assemblies, and accessories are the same as used in other CRL Track Assemblies. Panels are easily removed by simply lifting up and out. They are easy to install, and give a smooth, attractive finish to wall openings for display cases, shelves, etc. Miter cut the corners and use the same Extrusion to form a full frame.

## CRL Surface Mount Double Channel Extrusion

This CRL Surface Mount Double Channel Extrusion has a 1" (25.4 mm) high flange on one side for mounting to the wall, and is designed to project out from the wall 1.182" (30.02 mm). If the corners are miter cut, the same Extrusion can be utilized to fully frame the cut-out.



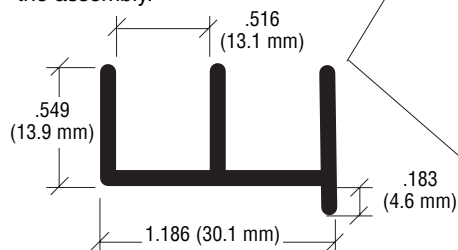
**Material:**  
6063-T5 Aluminum Alloy.

| CAT. NO.         | FINISH           | LENGTH         |
|------------------|------------------|----------------|
| <b>D161312A</b>  | Satin Anodized   | 12'0" (3.66 m) |
| <b>D161312DU</b> | Duranodic Bronze | 12'0" (3.66 m) |
| <b>D161312GA</b> | Gold Anodized    | 12'0" (3.66 m) |

Minimum order: 1 stock length.

## CRL Standard Pocket Glaze Extrusion

This CRL Standard Pocket Glaze Extrusion has a .183" (4.6 mm) high flange on one side for mounting, and is designed to project 1.136" (28.9 mm) into the opening. If the corners are miter cut, the same Extrusion can be utilized to fully frame the cut-out. Use D601 Rails, D610 H-Bar, and D649 Wheel Assemblies to complete the assembly.



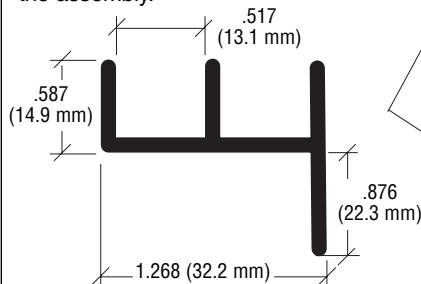
**Material:**  
6063-T5 Aluminum Alloy.

| CAT. NO.       | FINISH           | LENGTH         |
|----------------|------------------|----------------|
| <b>D1603A</b>  | Satin Anodized   | 12'0" (3.66 m) |
| <b>D1603DU</b> | Duranodic Bronze | 12'0" (3.66 m) |

Minimum order: 1 stock length.

## CRL Heavy-Duty Pocket Glaze Extrusion

This CRL Heavy-Duty Pocket Glaze Extrusion has a .876" (22.3 mm) high flange on one side for mounting to the wall, and is designed to project into the opening 1.177" (29.9 mm). If the corners are miter cut, the same Extrusion can be utilized to fully frame the cut-out. Use D601 Rails, D610 H-Bar, and D649 Wheel Assemblies to complete the assembly.



**Material:**  
6063-T5 Aluminum Alloy.

| CAT. NO.       | FINISH           | LENGTH         |
|----------------|------------------|----------------|
| <b>D3025A</b>  | Satin Anodized   | 12'0" (3.66 m) |
| <b>D3025DU</b> | Duranodic Bronze | 12'0" (3.66 m) |

Minimum order: 1 stock length.

All finishes and shapes can be combined for quantity pricing.  A Packing Charge will be added to orders of fewer than 10 combined lengths. Stock lengths longer than 98" (2.49 m) must ship common carrier, unless you specify we cut them for U.P.S. A Cutting Charge will apply.

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PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA | T127

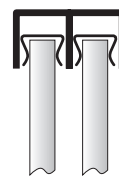
## CRL Track Assemblies



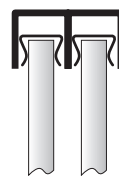
- **Pre-Cut Assemblies or 12 Foot (3.66 m) Extrusions So You Can Fabricate Your Own Assemblies**
- **Available in a Variety of Beautiful Architectural Finishes to Match Most Any Décor**
- **Anti-Lift Assemblies for Where Security is a Concern**



**Security Anti-Lift Track Assembly**



**Deluxe Style Track Assembly**



**Low Profile Track Assembly**

## CRL Offers Track Assemblies for Any Requirement:

Medical offices, corporate and business offices, hotel lobbies. They are also used in the construction of display cabinets and showcases, trophy and guns cases.

## What Track Assembly is Best for My Project?

CRL offers Track Assemblies that will complement any retail, commercial or residential project. The variety of Track Assemblies offered on the next few pages is the most extensive selection available in the industry. Whether you are a large manufacturer of showcases for retail department stores or a small cabinet shop specializing in custom residential projects, CRL has the style and extrusion profiles to fit your requirements.

Designed for 1/4" (6 mm) tempered glazing, these Track Assemblies are available in three economical pre-cut lengths or full 12 foot (3.66 m) extrusions for larger projects. For showcases or cabinets where the safety of the contents is a concern, our Anti-Lift Track Assemblies can provide an extra measure of security. Whatever your Track Assembly requirements may be, CRL has the products and the solution for any design requirement.

## Do CRL Track Assemblies Offer a Choice of Components?

Most customers prefer to have options when designing custom showcases or cabinets. CRL has Track Assemblies for any project, and a large selection of components and accessories that will enhance your design. Upper Channels, Lower Tracks, Wheels, Locks, and Pulls, CRL has the product to achieve any design requisite. The pages in this section will provide you with many alternatives and options for component selection.

## What Can I Do If I Need Assistance?

The success of your showcase, cabinet or pass-thru project is very important to CRL. If you would like us to review your showcase specifications, please fax your drawing to CRL Technical Sales at (800) 458-7496. If you need assistance with the selection of Track Assemblies or components, 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. 7760. You can send e-mail from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Transaction Products.



## CRL Track Assemblies



Installation Using Typical CRL Track Assembly Materials with Optional  
**D643A** Pull, **D802C** Lock, and **D334A** End Cap.

### • CRL Provides Many Diversified Styles of Track Assemblies

Our extremely broad range of Rolling Track Assemblies for pass-thrus gives installers unlimited options to fit their needs.

### • Track Assemblies for All Types of Applications

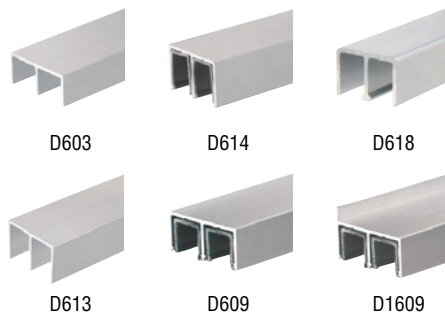
CRL Rolling Track Assemblies have a reputation for durability and dependability, and have been installed in retail stores, schools, medical offices, commercial offices, hospitality as well as residential applications.

### • Integrated Options and Accessories

Each and every component of our Rolling Track Assemblies has been designed for ease of assembly and smooth operation. They are built to work with our extensive selection of Locks, Pulls, Knobs, and Wheel Assemblies, all of which are stocked in CRL's regional warehouses.

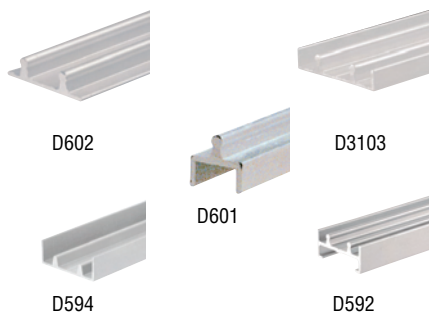
## Component Options for Fabricating CRL Track Assemblies

### Upper Channels



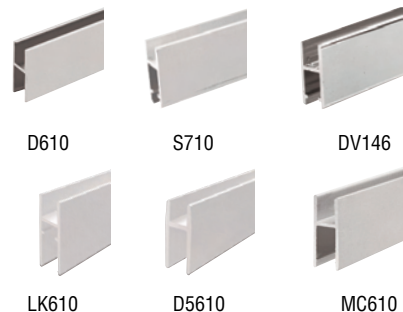
Select from shallow or deep pocket, single or double, lined or unlined, then match with a CRL Lower Track

### Lower Tracks



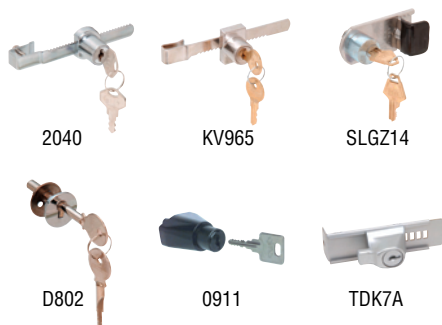
Available in many sizes and styles for recessed or surface mounted installations

### H-Bar



Choose from standard type H-Bar or one that provides built-in security

### Locks



CRL has a large selection of Ratchet Locks and Plunger Locks for sliding glass doors

### Pulls and Knobs



Choose from acrylic, polished metal or aluminum Pulls and Knobs to match the finish of your project  
Visit [crlaurence.com](http://crlaurence.com) for additional information

### Wheel Assemblies and Guides



CRL Wheel Assemblies and Guides will provide years of quiet, smooth operating, and reliable service

## CRL Security Anti-Lift Pre-Cut Track Assemblies

- These Pre-Cut Assemblies are a CRL Exclusive
- Anti-Lift H-Bar and Lower Track Provide an Extra Measure of Security

C.R. Laurence supplies Security Anti-Lift Aluminum Extrusions for the fabrication of Sliding Track Assemblies. They incorporate a design that prevents lift-out, an extra measure of security when used with typical Upper Channel and Ratchet or Plunger Type Locks (see pages T142-T145). You can use them with 3/16" to 1/4" (5 to 6 mm) thick tempered glass, and they are no more difficult to install than normal, less secure track assemblies.

For your convenience, CRL has provided ready-to-install Security Track Assemblies in pre-cut lengths of 36", 48", and 72" (914, 1219, and 1829 mm). These assemblies reduce your labor, minimize excess material, and are shipped to you ready to install, with all the required components included. CRL Cat. No. TA30 End Caps for use with Cat. No. S710A Security H-Bar can be ordered separately. **NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

### S710 Series

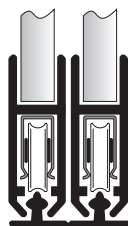
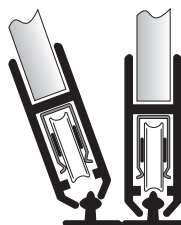


### How it Works:

The Security H-Bar can only be installed on the Security Lower Rails by tilting the sliding panel at a 70 degree angle, lifting the Ball Bearing Wheel Assembly on to the Lower Rail, then pushing the sliding panel to a full 90 degrees vertical. This must be done before you mount the Upper Double Channel permanently in the opening.

### The Result:

The bottom of the Security H-Bar is shaped so that it cannot be lifted off the specially designed Lower Rails and into the Upper Channel once it has been permanently mounted. This is the basis of this simple, yet effective design.



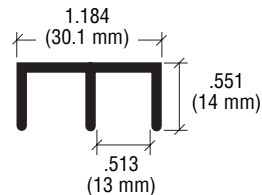
**General Glass Cutting Guidelines**  
Glass Height = Opening Height  
Minus 1-3/8" (35 mm)

| CAT. NO.       | FINISH         | LENGTH        |
|----------------|----------------|---------------|
| <b>S710A36</b> | Satin Anodized | 36" (914 mm)  |
| <b>S710A48</b> | Satin Anodized | 48" (1219 mm) |
| <b>S710A72</b> | Satin Anodized | 72" (1829 mm) |

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

### COMPONENTS INCLUDED WITH SECURITY ANTI-LIFT PRE-CUT ASSEMBLY:

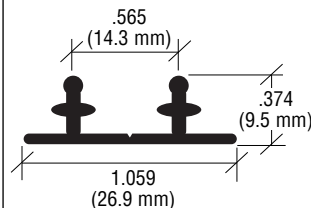
#### UPPER DOUBLE CHANNEL



Qty. per assembly: 1

**CAT. NO. D603A**

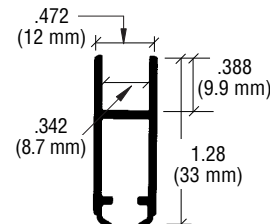
#### SECURITY LOWER RAIL



Qty. per assembly: 1

**CAT. NO. S702A**

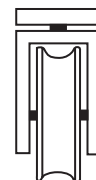
#### SECURITY H-BAR



Qty. per assembly: 2

**CAT. NO. S710A**

#### WHEEL ASSEMBLY

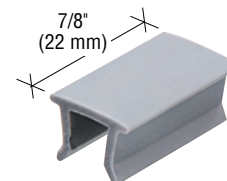
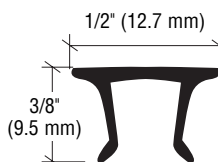


Qty. per assembly: 4



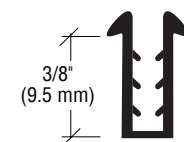
**CAT. NO. TA20**

#### TOP GUIDES



**CAT. NO. D652**

#### GLAZING VINYL



**CAT. NO. SDV732C**

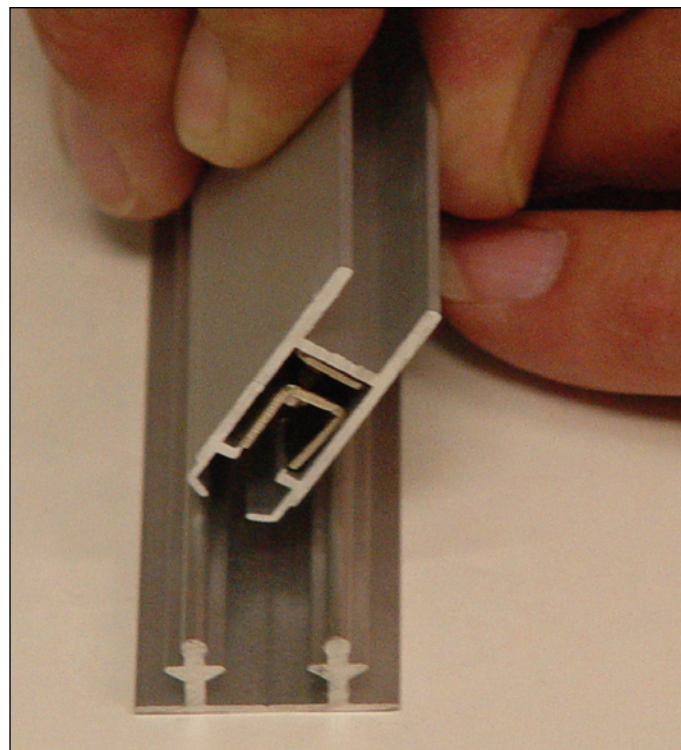
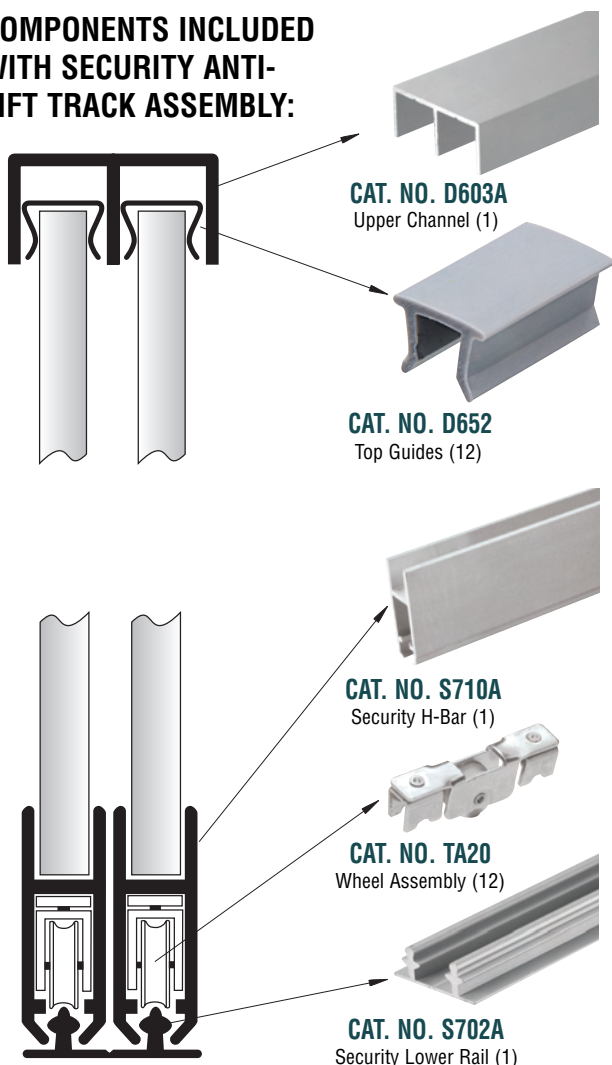
## CRL Security Anti-Lift Rolling Track Assembly



- This Security Anti-Lift System is an Exclusive CRL Design
- Track Extrusions Provide Security and Smooth Operation
- 12 Ft (3.66 m) Length

In addition to our Pre-Cut, ready-to-install Anti-Lift Track Assemblies, CRL now provides this exclusive design packaged with 12 foot (3.66 m) extrusions. This sleek design has excellent features and can be installed in minutes. There is no need to notch the glass doors for installation so your labor costs are reduced. Available in satin anodized finish, these components are designed to provide a reliable, quiet, smooth working Track Assembly that can be used for years without replacement. Security Anti-Lift Rolling Track Assemblies are in stock and available for immediate shipment. **NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

### COMPONENTS INCLUDED WITH SECURITY ANTI-LIFT TRACK ASSEMBLY:



CRL's Security Anti-Lift Rolling Track Assembly includes 12 foot (3.66 m) lengths of Upper Channel, H-Bar, and Lower Rail, plus Wheel Assemblies and Top Guides. The extrusions for this very popular Track Assembly can be cut to the size of your opening. Cat. No. TA11 End Cap Locks (see page XXX), Cat. No. TA30 End Caps (see page XXX), Cat. No. TA40 Retainer Clips, and Cat. No. SDV732 Glazing Vinyl (see page XXX) are components that can all be ordered separately, and will enhance the efficiency and effectiveness of your Security Track Assembly.

| CAT. NO.     | FINISH         | STOCK LENGTH |
|--------------|----------------|--------------|
| <b>S700A</b> | Satin Anodized | 12' (3.66 m) |

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-3/8" (35 mm). All Track Assemblies can be combined for quantity pricing. Stock lengths longer than 98" (2.49 m) cannot ship UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.



# CRL TRACK ASSEMBLIES

For Pricing on CRL Products, Call Toll Free  
(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

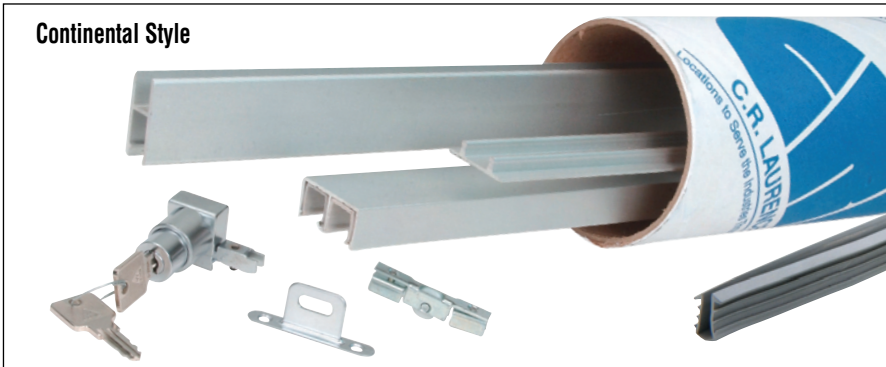
## CRL Continental Style Pre-Cut Security Track Assemblies

- Designed for 3/16" and 1/4" (5 and 6 mm) Tempered Glass
- Pre-Cut Assemblies in Three Lengths
- Satin Anodized Finish



Continental Security Track Assembly shown with Anti-Lift Clip installed

### Continental Style



CRL's Continental Style Security Track System is now available in pre-cut, ready to install assemblies that contain all the parts you will need to complete your project. The Continental Track Assembly has a uniquely designed Anti-Lift Clip that prevents removal of the doors when they are in the locked position. This Track Assembly is well designed, efficient, and attractive. These 36", 48", and 72" (914, 1219, and 1829 mm) satin anodized assemblies not only save fabrication labor, but also are more economical due to minimized material waste. CRL End Caps for H-Bar, Cat. No. DV148CH, can be ordered separately. **NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

| CAT. NO. | FINISH         | LENGTH        |
|----------|----------------|---------------|
| CTA36A   | Satin Anodized | 36" (914 mm)  |
| CTA48A   | Satin Anodized | 48" (1219 mm) |
| CTA72A   | Satin Anodized | 72" (1829 mm) |

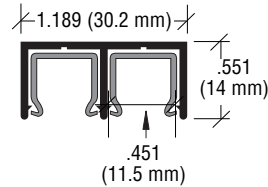
Minimum order: 1 each. Sizes can be combined for quantity pricing.

### General Glass Cutting Guidelines

Glass Height = Opening Height  
Minus 1-1/8" (28.6 mm)

### COMPONENTS INCLUDED WITH CONTINENTAL PRE-CUT SECURITY TRACK ASSEMBLY:

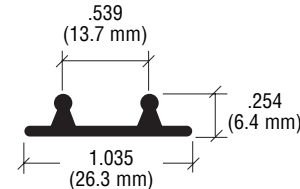
#### UPPER DOUBLE CHANNEL



Qty. per assembly: 1

CAT. NO. D609A

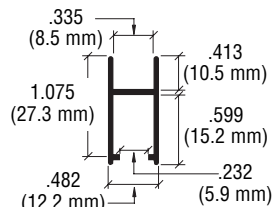
#### LOWER RAIL



Qty. per assembly: 1

CAT. NO. D602A

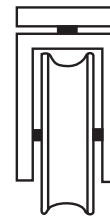
#### H-BAR



Qty. per assembly: 2

CAT. NO. DV146A

#### WHEEL ASSEMBLY



CAT. NO. DV147

#### ANTI-LIFT CLIP



CAT. NO. 6306

Qty. per assembly: 1

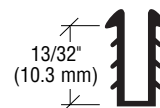
#### END CAP LOCK



CAT. NO. 0681SC

Qty. per assembly: 1

#### GLAZING VINYL



CAT. NO. DV144C

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T132 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL Continental Style Security Rolling Track Assemblies

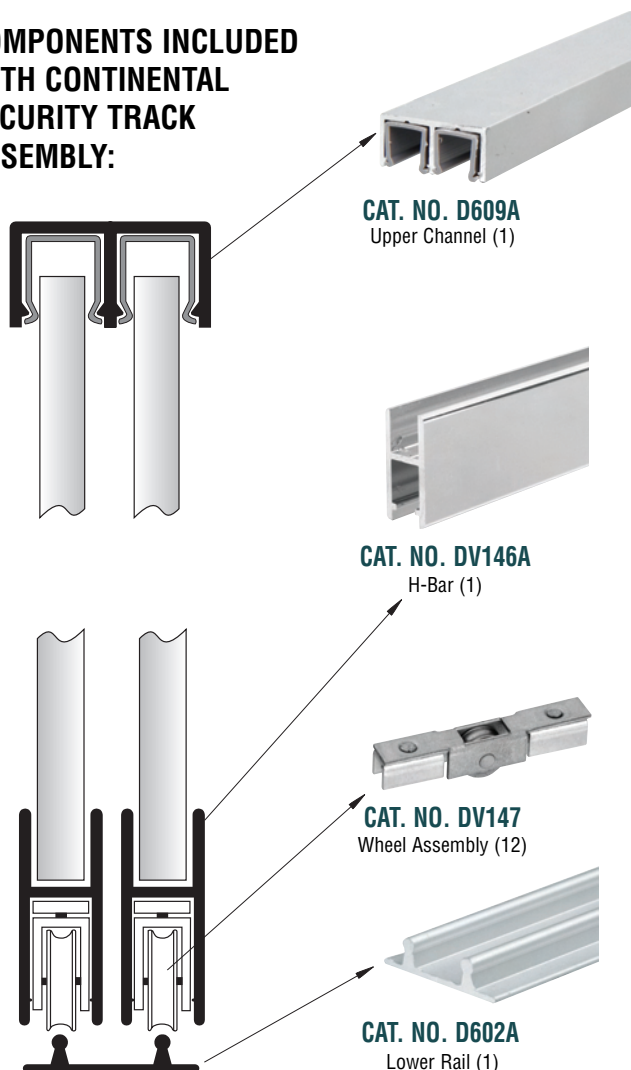
- Perfect When Security is Required for Sliding Track
- Ready for You to Cut to Size
- Fast, Easy Installation
- 12 Ft (3.66 m) Length

C.R. Laurence introduces the Continental Series Security Rolling Track Assembly. It uses a unique Anti-Lift Clip and Locking End Cap for an added security feature to prevent doors from being lifted upward and out of the track. The twelve Cat. No. DV147 Nylon Wheels that come with the assembly install quickly in the special extruded aluminum H-Bar with just a small flat tipped screwdriver.

Your customers will enjoy years of quiet, smooth operation from their Continental Style Security Rolling Track Assembly.



### COMPONENTS INCLUDED WITH CONTINENTAL SECURITY TRACK ASSEMBLY:



Continental Security Track Assembly shown with Cat. No. 0681 Lock and Cat. No. 6306 Anti-Lift Clip (sold separately, see previous page).

CRL's Continental Series Security Rolling Track Assembly components are conveniently boxed for ease of handling and include 12 foot (3.66 m) lengths of Upper Channel, Lower Rail, H-Bar, and Wheel Assemblies. The extrusions for this popular Track Assembly can be cut to size. Cat. No. 0681S End Cap Locks and Cat. No. 6306 Anti-Lift Clips (see page T144), are sold separately, and are necessary components to make this track assembly secure. CRL DV144C or DV144M Glazing Vinyl provides a professional finished appearance, and must be ordered separately.

**NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

| CAT. NO. | FINISH              | STOCK LENGTH |
|----------|---------------------|--------------|
| CTA00A   | Satin Anodized      | 12' (3.66 m) |
| CTA00BA  | Brite Anodized      | 12' (3.66 m) |
| CTA00BGA | Brite Gold Anodized | 12' (3.66 m) |

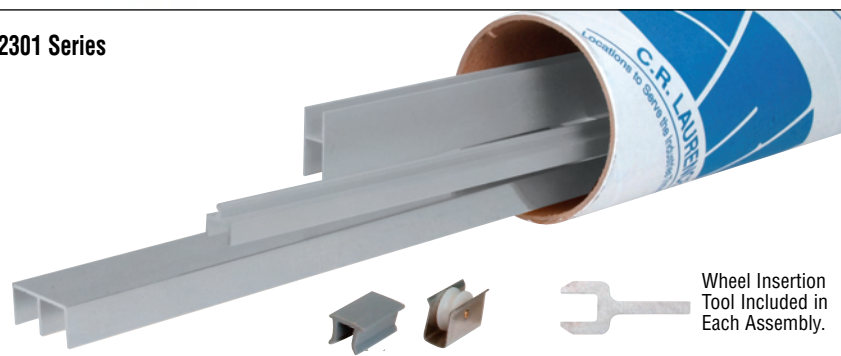
Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-1/8" (28.6 mm). All Track Assemblies can be combined for quantity pricing. Stock lengths longer than 98" (2.49 m) cannot ship UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.

## CRL Deluxe Pre-Cut Track Assemblies

- Available in Three Convenient Pre-Cut Lengths
- Features Combination Bottom Track
- Satin Anodized Finish



### D2301 Series



The CRL Deluxe Track Assembly is smooth working, reliable, and attractive. It is available in three pre-cut, easy to install lengths. These 36", 48", and 72" (914, 1219, and 1829 mm) satin anodized assemblies are the perfect solution for your custom project. Cut-to-length extrusions save you installation time and minimize material loss. The H-Bar is cut to permit a 1-1/2" (38.1 mm) overlap. The combination Lower Channel matches the design of the Upper Channel.

CRL Cat. No. D332 End Caps for H-Bar Extrusion can be purchased separately. For dry glazing with 1/4" (6 mm) glass use Cat. No. GC728C Vinyl (sold separately). CRL also has a large selection of Locks available to secure the sliding doors. Please refer to pages T142-T145 for CRL Ratchet and Plunger Type Locks.

**NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

| CAT. NO. | FINISH         | LENGTH        |
|----------|----------------|---------------|
| D2301A36 | Satin Anodized | 36" (914 mm)  |
| D2301A48 | Satin Anodized | 48" (1219 mm) |
| D2301A72 | Satin Anodized | 72" (1829 mm) |

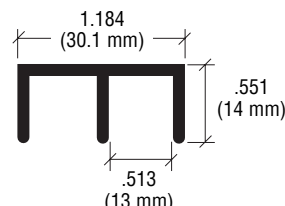
Minimum order: 1 each. Sizes can be combined for quantity pricing.

### General Glass Cutting Guidelines

Glass Height = Opening Height  
Minus 1-3/8" (35 mm)

### COMPONENTS INCLUDED WITH DELUXE PRE-CUT TRACK ASSEMBLY:

#### UPPER DOUBLE CHANNEL

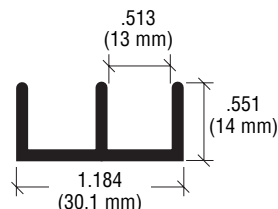


Qty. per assembly: 1



CAT. NO. D603A

#### LOWER DOUBLE CHANNEL

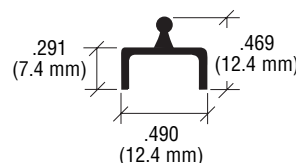


Qty. per assembly: 1



CAT. NO. D603A

#### LOWER CHANNEL INSERT RAILS

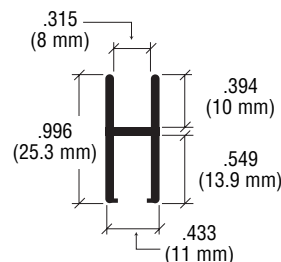


Qty. per assembly: 2



CAT. NO. D601A

#### H-BAR

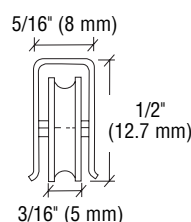


Qty. per assembly: 2



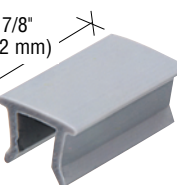
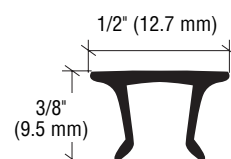
CAT. NO. D610A

#### NYLON WHEELS



CAT. NO. D650

#### TOP GUIDES



CAT. NO. D652



## CRL Deluxe Rolling Track Assemblies

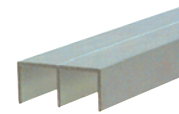
**new**

- Ideal for Commercial or Residential Applications
- Designed for Quick and Easy Installation
- Available in Five Stock Finishes, Including New Brushed Nickel
- 12 Ft (3.66 m) Length



CRL's 12 foot (3.66 m) Deluxe Rolling Track Assemblies provide three options for Upper Track Extrusions, depending on your design preference. This system is ideally suited where frequency of use requires ease of operation and years of reliable service. These Assemblies have many finish options. This Rolling Track Assembly is one of our most popular systems, and you will find it to be one of the most user friendly, trouble-free tracks available anywhere. CRL also has a large selection of Locks available to secure the sliding doors. Please refer to pages T142-T145 for CRL Ratchet and Plunger Type Locks. **NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

### D2301 Series



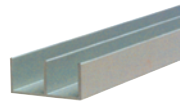
**CAT. NO. D603**  
Upper Channel (1)



**CAT. NO. D610**  
H-Bar (1)



**CAT. NO. D601**  
Insert Rails (2)



**CAT. NO. D603**  
Lower Channel (1)



**CAT. NO. D652**  
Top Guides (12)



**CAT. NO. D650**  
Nylon Wheels (12)

-OR-

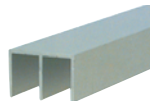


**CAT. NO. D649**  
Steel Ball Bearing  
Wheels (12)

| CAT. NO.<br>WITH D650<br>NYLON WHEELS | CAT. NO.<br>WITH D649 BALL<br>BEARING WHEELS | FINISH           | STOCK<br>LENGTH |
|---------------------------------------|----------------------------------------------|------------------|-----------------|
| <b>D2301A</b>                         | <b>D2301ABB</b>                              | Satin Anodized   | 12' (3.66 m)    |
| <b>D2301GA</b>                        | <b>D2301GABB</b>                             | Gold Anodized    | 12' (3.66 m)    |
| <b>D2301DU</b>                        | <b>D2301DUBB</b>                             | Duranodic Bronze | 12' (3.66 m)    |
| <b>D2301BL</b>                        | <b>D2301BLBB</b>                             | Flat Black       | 12' (3.66 m)    |
| <b>D2301BN</b>                        | <b>D2301BNBB</b>                             | Brushed Nickel   | 12' (3.66 m)    |

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-3/8" (35 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.

### D2307 Series



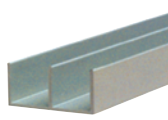
**CAT. NO. D613**  
Deep Upper Channel (1)



**CAT. NO. D610**  
H-Bar (1)



**CAT. NO. D601**  
Insert Rail (2)



**CAT. NO. D603**  
Lower Channel (1)



**CAT. NO. D652**  
Top Guides (12)



**CAT. NO. D650**  
Nylon Wheels (12)

-OR-

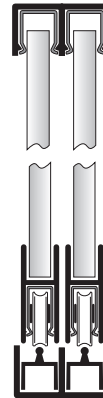


**CAT. NO. D649**  
Steel Ball Bearing  
Wheels (12)

| CAT. NO.<br>WITH D650<br>NYLON WHEELS | CAT. NO.<br>WITH D649 BALL<br>BEARING WHEELS | FINISH           | STOCK<br>LENGTH |
|---------------------------------------|----------------------------------------------|------------------|-----------------|
| <b>D2307A</b>                         | <b>D2307ABB</b>                              | Satin Anodized   | 12' (3.66 m)    |
| <b>D2307GA</b>                        | <b>D2307GABB</b>                             | Gold Anodized    | 12' (3.66 m)    |
| <b>D2307DU</b>                        | <b>D2307DUBB</b>                             | Duranodic Bronze | 12' (3.66 m)    |
| <b>D2307BL</b>                        | <b>D2307BLBB</b>                             | Flat Black       | 12' (3.66 m)    |
| <b>D2307BN</b>                        | <b>D2307BNBB</b>                             | Brushed Nickel   | 12' (3.66 m)    |

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-5/8" (41 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL Locations.

### D2300 Series



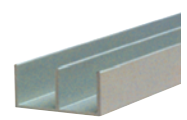
**CAT. NO. D609**  
Plastic Lined  
Upper Channel (1)



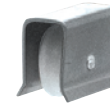
**CAT. NO. D610**  
H-Bar (1)



**CAT. NO. D601**  
Insert Rails (2)



**CAT. NO. D603**  
Lower Channel (1)



**CAT. NO. D650**  
Nylon Wheels (12)

-OR-



**CAT. NO. D649**  
Steel Ball Bearing  
Wheels (12)

| CAT. NO.<br>WITH D650<br>NYLON WHEELS | CAT. NO.<br>WITH D649 BALL<br>BEARING WHEELS | FINISH           | STOCK<br>LENGTH |
|---------------------------------------|----------------------------------------------|------------------|-----------------|
| <b>D2300A</b>                         | <b>D2300ABB</b>                              | Satin Anodized   | 12' (3.66 m)    |
| <b>D2300GA</b>                        | <b>D2300GABB</b>                             | Gold Anodized    | 12' (3.66 m)    |
| <b>D2300DU</b>                        | <b>D2300DUBB</b>                             | Duranodic Bronze | 12' (3.66 m)    |
| <b>D2300BL</b>                        | <b>D2300BLBB</b>                             | Flat Black       | 12' (3.66 m)    |
| <b>D2300BN</b>                        | <b>D2300BNBB</b>                             | Brushed Nickel   | 12' (3.66 m)    |

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-3/8" (35 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.

## CRL Low Profile Pre-Cut Track Assemblies

- Available in Three Convenient Pre-Cut Lengths
- Satin Anodized Finish



### D2203 Series



These satin anodized Track Assemblies are smooth operating, and will provide years of reliable service. CRL's Low Profile Track Assembly, available in three popular pre-cut lengths, is the most efficient way to purchase a track system for your pass-thru since it minimizes waste of materials.

All the Track Assembly components you require are packed in a convenient shipping tube. They are easy to install. The two pieces of H-Bar for the bypassing doors have a 1-1/2" (38.1 mm) overlap. CRL Cat. No. D332 End Caps for the H-Bar can be purchased separately. For dry glazing with 1/4" (6 mm) glass use Cat. No. GC728C Vinyl (sold separately). To provide security, refer to the large selection of CRL Ratchet and Plunger Type Locks on pages T142-T145. **NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).

| CAT. NO. | FINISH         | LENGTH        |
|----------|----------------|---------------|
| D2203A36 | Satin Anodized | 36" (914 mm)  |
| D2203A48 | Satin Anodized | 48" (1219 mm) |
| D2203A72 | Satin Anodized | 72" (1829 mm) |

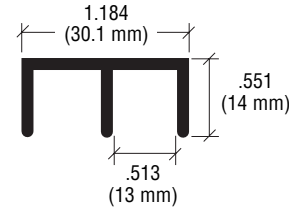
Minimum order: 1 each. Sizes can be combined for quantity pricing.

### General Glass Cutting Guidelines

Glass Height = Opening Height  
Minus 1-1/8" (28.6 mm)

### COMPONENTS INCLUDED WITH LOW PROFILE PRE-CUT TRACK ASSEMBLY:

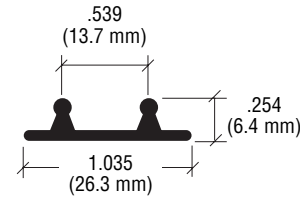
#### UPPER DOUBLE CHANNEL



Qty. per assembly: 1

CAT. NO. D603A

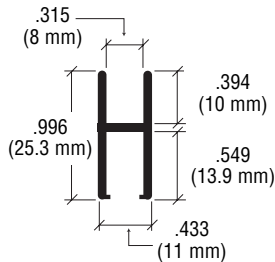
#### LOWER RAIL



Qty. per assembly: 1

CAT. NO. D602A

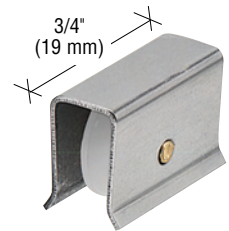
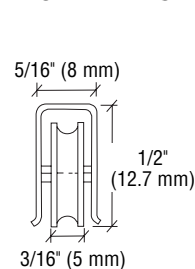
#### H-BAR



Qty. per assembly: 2

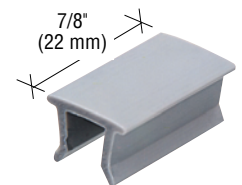
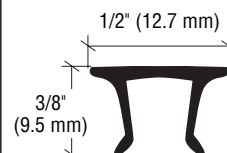
CAT. NO. D610A

#### NYLON WHEELS



CAT. NO. D650

#### TOP GUIDES



CAT. NO. D652

## CRL Low Profile Rolling Track Assemblies

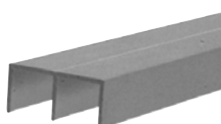
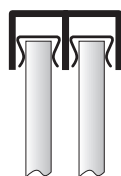
**new**

- An Excellent Choice for Any Project
- Choose From Two Styles of Upper Channel
- Available in Up to Six Finishes
- 12 Ft (3.66 m) Length

CRL's 12 foot (3.66 m) Low Profile Rolling Track Assemblies are packaged to contain the Extrusions, Wheels, and Guides you will need to complete your custom project. Designed for 1/4" (6 mm) tempered glass doors, these Track Assemblies have long been a popular choice for display cases, trophy cases, china cabinets, as well as cases for any retail store application. Choose from either Nylon or Steel Ball Bearing Wheel Assemblies for years of smooth and reliable service. The versatility of this track system allows for design flexibility. For optional locking hardware see pages T142-T145. **NOTE:** Maximum suggested panel size is 36" W x 48" H (914 x 1219 mm).



### D2203 Series



**CAT. NO. D603**  
Upper Channel (1)



**CAT. NO. D610**  
H-Bar (1)



**CAT. NO. D652**  
Top Guides (12)



**CAT. NO. D602**  
Lower Rail (1)



**CAT. NO. D650**  
Nylon Wheels (12)

-OR-

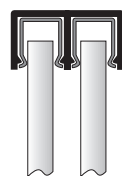


**CAT. NO. D649**  
Steel Ball Bearing  
Wheels (12)

| CAT. NO.<br>WITH D650<br>NYLON WHEELS | CAT. NO.<br>WITH D649 BALL<br>BEARING WHEELS | FINISH           | STOCK<br>LENGTH |
|---------------------------------------|----------------------------------------------|------------------|-----------------|
| D2203A                                | D2203ABB                                     | Satin Anodized   | 12' (3.66 m)    |
| D2203BN                               | D2203BNBB                                    | Brushed Nickel   | 12' (3.66 m)    |
| D2203GA                               | D2203GABB                                    | Gold Anodized    | 12' (3.66 m)    |
| D2203DU                               | D2203DUBB                                    | Duranodic Bronze | 12' (3.66 m)    |
| D2203BL                               | D2203BLBB                                    | Flat Black       | 12' (3.66 m)    |
| D2203BA                               | D2203BABB                                    | Brite Anodized   | 12' (3.66 m)    |

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-1/8" (28.6 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.

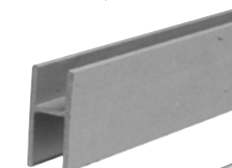
### D2204 Series



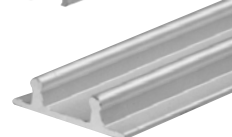
**CAT. NO. D609**  
Plastic Lined  
Upper Channel (1)



**CAT. NO. D610**  
H-Bar (1)



**CAT. NO. D602**  
Lower Rail (1)



**CAT. NO. D650**  
Nylon Wheels (12)



-OR-

**CAT. NO. D649**  
Steel Ball Bearing  
Wheels (12)

| CAT. NO.<br>WITH D650<br>NYLON WHEELS | CAT. NO.<br>WITH D649 BALL<br>BEARING WHEELS | FINISH           | STOCK<br>LENGTH |
|---------------------------------------|----------------------------------------------|------------------|-----------------|
| D2204A                                | D2204ABB                                     | Satin Anodized   | 12' (3.66 m)    |
| D2204BN                               | D2204BNBB                                    | Brushed Nickel   | 12' (3.66 m)    |
| D2204GA                               | D2204GABB                                    | Gold Anodized    | 12' (3.66 m)    |
| D2204DU                               | D2204DUBB                                    | Duranodic Bronze | 12' (3.66 m)    |
| D2204BL                               | D2204BLBB                                    | Flat Black       | 12' (3.66 m)    |

Minimum order: 1 each. General Glass Cutting Guidelines: Glass Height = Opening Height Minus 1-1/8" (28.6 mm). All Track Assemblies can be combined for quantity pricing. Track Assemblies longer than 98" (2.49 m) cannot be shipped UPS. They must ship common carrier, or can be picked up at Will Call in all CRL locations.

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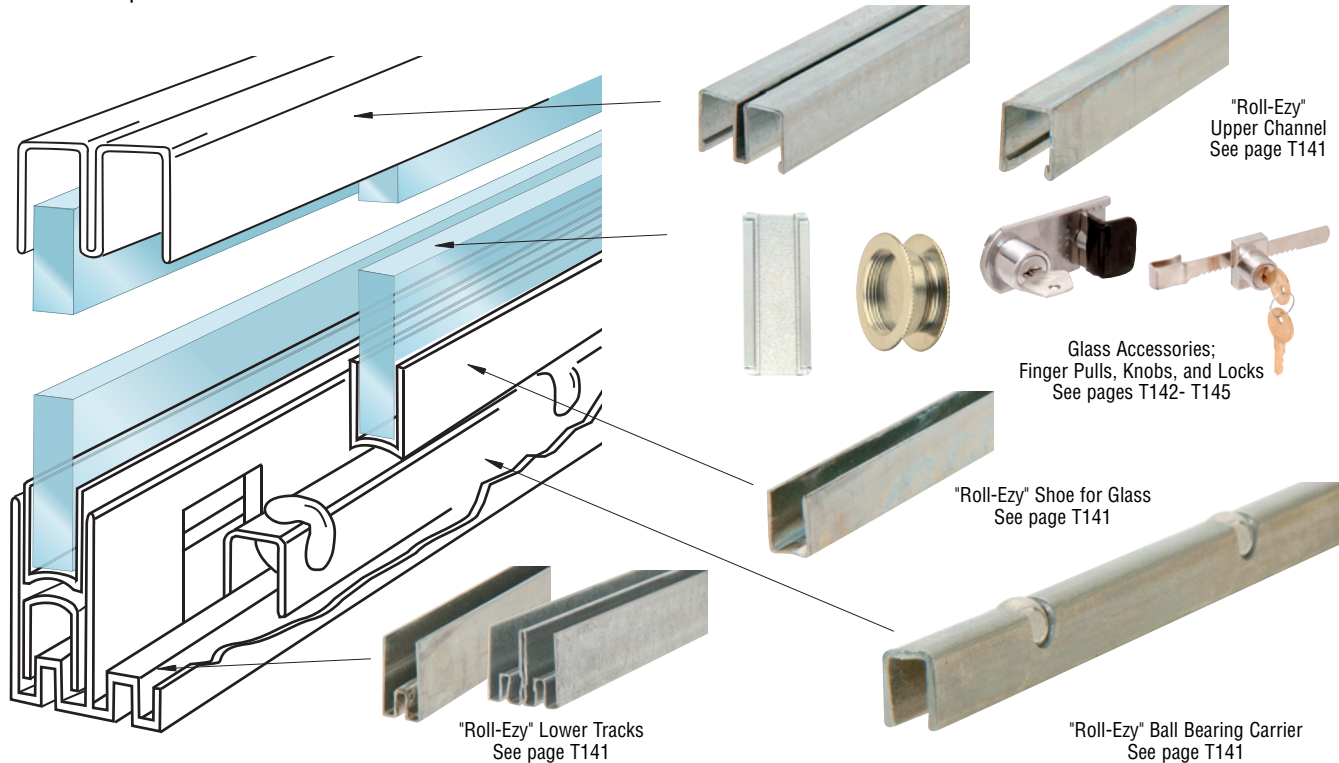


## CRL "Roll-Ezy" Steel Track Assemblies and Components for Larger Glass Doors



- Zinc Plated Steel Assembly With a Maximum Weight Capacity of 50 Pounds (22.7 kg) per Linear Foot
- Ideal for Larger Door Installations
- Intended for Use With 1/4" (6 mm) Tempered Glass

CRL "Roll-Ezy" Track Assemblies allow you to customize larger sliding door assemblies to your individual needs. Made from zinc plated steel, these Assemblies are strong enough to handle loads of up to 50 pounds (22.7 kg) per linear foot. The Double Track Assemblies come in 12 foot (3.66 m) stock lengths, and they are also available in pre-cut Kits in lengths of 36", 48", 60", and 72" (914, 1219, 1524, and 1829 mm) for your convenience. CRL also has all the accessories required to complete a project, from the security locks to finger pulls. See the following pages for the complete selection.



## It's Your Complete Resource for Hospitality and Service Hardware



The HS07 Hospitality and Service Catalog can be viewed or downloaded online at [crlaurence.com](http://crlaurence.com)

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## CRL Pre-Cut to Size Steel Double Track Assemblies for Bypassing Doors

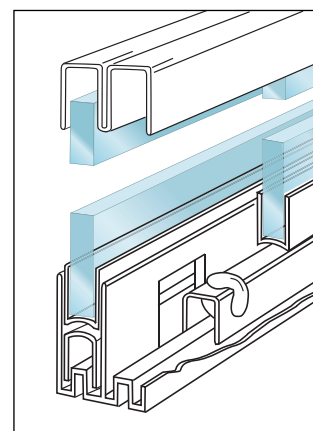
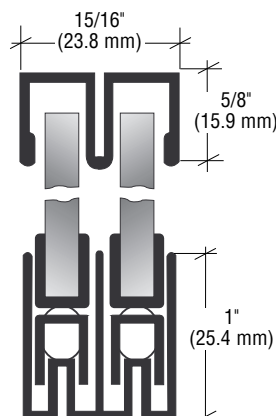
- Zinc Plated Steel Assemblies for Use With 1/4" (6 mm) Tempered Glass
- Pre-Cut for Your Convenience
- Easy to Install

This CRL "Roll-Ezy" Ball Bearing Track Assembly is ideal for installations with bypassing doors. The Assembly is easy to install, and once installation is complete the doors roll smoothly with frictionless ball-bearing operation. The design of the Assembly is such that it can be cut down to fit the opening.

The assembly is designed for use with 1/4" (6 mm) tempered glass, and is available in four pre-cut sizes for your convenience and to eliminate waste.

Pre-Cut Assemblies include: one piece of KV993 Upper Channel, two pieces of KV995 Shoe for Glass, two pieces of KV997 Ball Bearing Carrier, and one piece of KV999 Lower Track.

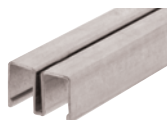
Cut glass 1-1/4" (31.7 mm) shorter than height of opening, and allow 1" (25.4 mm) overlap for doors.



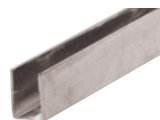
For individual 12 foot (3.66 m) stock lengths see page T141.

| CAT. NO. | FINISH            | LENGTH        |
|----------|-------------------|---------------|
| KV99236  | Zinc Plated Steel | 36" (914 mm)  |
| KV99248  | Zinc Plated Steel | 48" (1219 mm) |
| KV99260  | Zinc Plated Steel | 60" (1524 mm) |
| KV99272  | Zinc Plated Steel | 72" (1829 mm) |

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



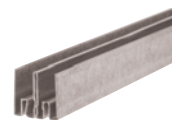
CAT. NO. KV993  
Double Upper Channel



CAT. NO. KV995  
Shoe for Glass



CAT. NO. KV997  
Ball Bearing Carrier



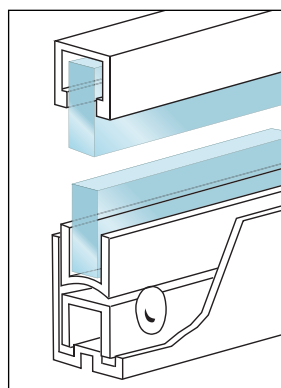
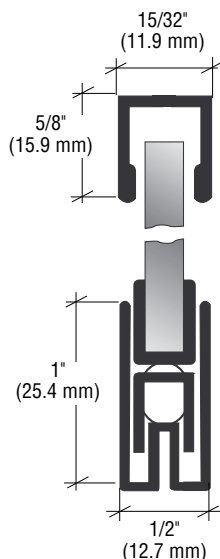
CAT. NO. KV999  
Double Lower Track

## CRL Single Steel Track Assembly for Butting Doors

- Zinc Plated Steel Components Designed for Single Butting 1/4" (6 mm) Thick Tempered Glass Doors
- Cut to Your Own Length
- Easy to Install

This CRL "Roll-Ezy" Ball Bearing Track Assembly is ideal for single door installations. This assembly is easy to install, and once installation is complete the doors roll smoothly with frictionless ball-bearing operation. The design of the Assembly is such that it can be cut down to fit the opening.

Assembly includes one 12 foot (3.66 m) length of each steel component: KV893, KV995, KV997, and KV899. Triple Door applications can be fitted with a combination of our Cat. No. KV892 Single Track and KV992 Double Track Assemblies.



CAT. NO. KV893  
Single Upper Channel

CAT. NO. KV995  
Shoe for Glass

CAT. NO. KV997  
Ball Bearing Carrier

CAT. NO. KV899  
Single Lower Track

For individual 12 foot (3.66 m) stock lengths see page T141.

Formula for working assembly is: For every 12" (305 mm) of opening use 12" (305 mm) of Upper Channel, 12" (305 mm) of Lower Track, 9" (228 mm) of Ball Bearing Carrier, and 6" (152 mm) of Shoe for Glass. Allow for 1" (25.4 mm) overlap for doors.

\*Short Formula to calculate Ball Bearing Carrier length is: Opening divided by 4, then multiply by 3 = length of Carrier.

Glass is cut 1-1/4" (31.7 mm) shorter than height of opening. Maximum weight limit is 50 pounds (22.7 kg) per linear foot.

**NOTE:** Each sliding panel height is not to exceed 2-1/2 times its width.

| CAT. NO. | FINISH            | STOCK LENGTH    |
|----------|-------------------|-----------------|
| KV892144 | Zinc Plated Steel | 12'-0" (3.66 m) |

Minimum order: 1 each. Must ship common carrier.

## CRL Steel Double Track Assembly for Bypassing Doors

- Zinc Plated Steel Components  
Designed for 1/4" (6 mm)  
Thick Tempered Glass Doors
- Cut to Your Own Length
- Easy to Install

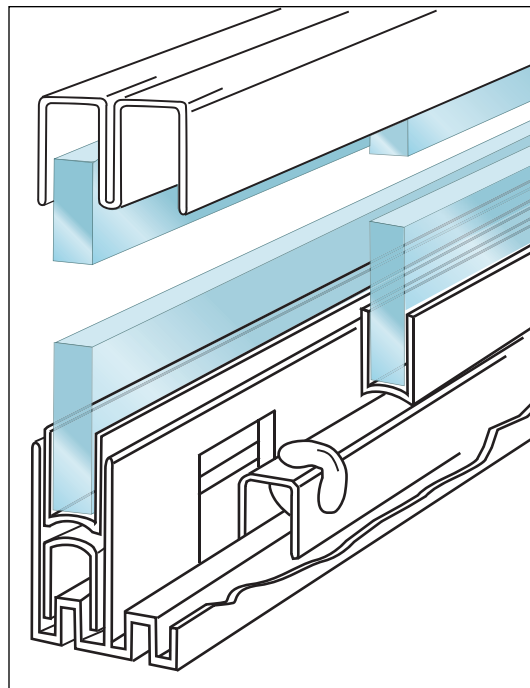
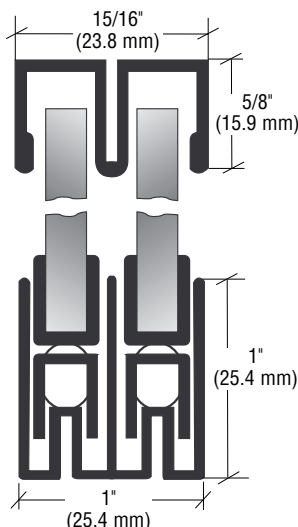


This CRL "Roll-Ezy" Ball Bearing Track Assembly is ideal for installations with large bypassing doors. The Assembly is easy to install, and once installation is complete the doors roll smoothly with frictionless ball-bearing operation. The design of the Assembly is such that it can be cut down to fit the opening.

Assembly includes one 12 foot (3.66 m) length of each steel component: KV993, KV995, KV997, KV999, and one 6 foot (1.83 m) length of 997KV6.

Triple door applications can be accommodated with a combination of our Cat. No. KV992 Double Track and KV892 Single Track Assemblies.

For assistance with Track for Heavy Glass Doors contact CRL Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7700.



Formula for working assembly is: For every 12" (305 mm) of opening use 12" (305 mm) of Upper Channel, 12" (305 mm) of Lower Track, 9" (228 mm) of Ball Bearing Carrier, and 6" (152 mm) of Shoe for Glass. Allow for 1" (25.4 mm) overlap for doors.

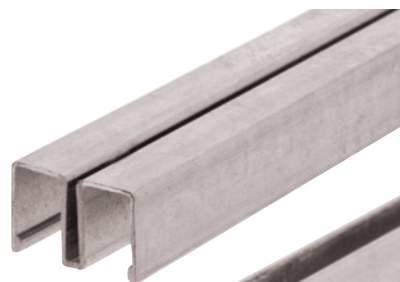
\*Short Formula to calculate Ball Bearing Carrier length is: Opening divided by 4, then multiply by 3 = length of Carrier.

Glass is cut 1-1/4" (31.7 mm) shorter than height of opening. Maximum weight limit is 50 pounds (22.7 kg) per linear foot.

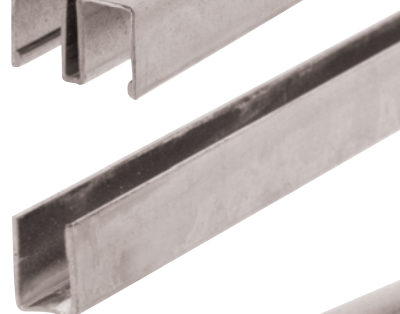
**NOTE:** Each sliding panel height is not to exceed 2-1/2 times its width.



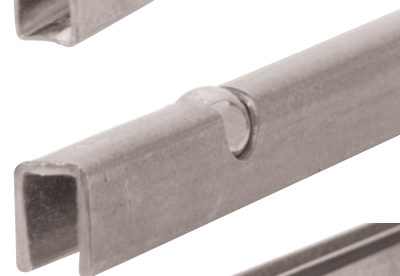
**CAT. NO. KV993**  
Double Upper Channel



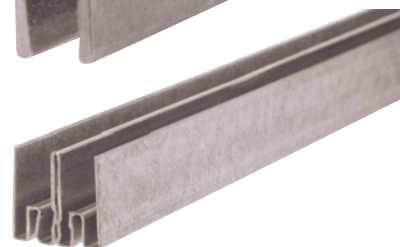
**CAT. NO. KV995**  
Shoe for Glass



**CAT. NO. KV997**  
Ball Bearing Carrier



**CAT. NO. KV999**  
Double Lower Track



| CAT. NO.        | FINISH            | STOCK LENGTH     |
|-----------------|-------------------|------------------|
| <b>KV992144</b> | Zinc Plated Steel | 12'- 0" (3.66 m) |

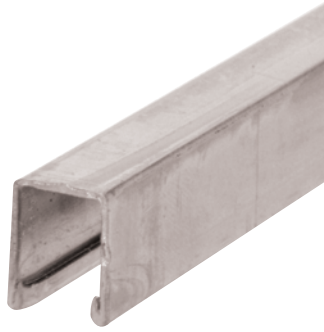
Minimum order: 1 each. Must ship common carrier.

For individual 12 foot (3.66 m) stock lengths see opposite page.



## CRL Roll-Ezy Single Upper Channel

This CRL Steel Single Upper Channel is a component of the KV892144 "Roll-Ezy" Ball Bearing Single Track Assembly, and is used to guide 1/4" (6 mm) tempered glass doors at the top. It can also be used as a vertical jamb.



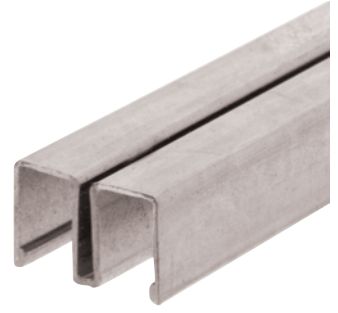
**Material:** Electro-Plated Galvanized Steel  
**Width:** 15/32" (11.9 mm)  
**Height:** 5/8" (15.9 mm)

| CAT. NO.     | FINISH            | STOCK LENGTH    |
|--------------|-------------------|-----------------|
| <b>KV893</b> | Zinc Plated Steel | 12'-0" (3.66 m) |

Minimum Order: 1 stock length. All Roll-Ezy Track can be combined for quantity pricing. Must ship common carrier. A Packing Charge will be added to orders of fewer than five combined lengths.

## CRL Roll-Ezy Double Upper Channel

This CRL Steel Double Upper Channel is a component of KV992 Series "Roll-Ezy" Ball Bearing Double Track Assemblies, and is used to guide 1/4" (6 mm) bypassing tempered glass doors at the top. The wide center divider keeps glass doors in the vertical position. It can also be used as a vertical jamb.



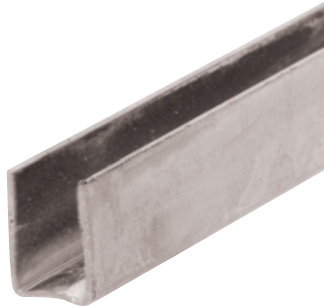
**Material:** Electro-Plated Galvanized Steel  
**Width:** 15/16" (23.8 mm)  
**Height:** 5/8" (15.9 mm)

| CAT. NO.     | FINISH            | STOCK LENGTH    |
|--------------|-------------------|-----------------|
| <b>KV993</b> | Zinc Plated Steel | 12'-0" (3.66 m) |

Minimum Order: 1 stock length. All Roll-Ezy Track can be combined for quantity pricing. Must ship common carrier. A Packing Charge will be added to orders of fewer than five combined lengths.

## CRL Roll-Ezy Shoe for Glass Doors

This CRL Shoe for Glass Doors is a component of all "Roll-Ezy" Ball Bearing Track Assemblies, and is used to support 1/4" (6 mm) tempered glass as it rides along the top of the Ball Bearing Carrier. The curved underside engages the ball bearings securely with a minimum of friction.



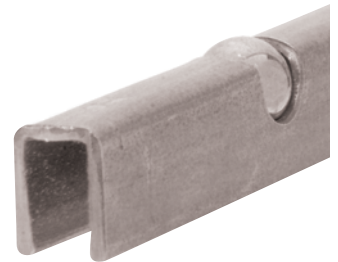
**Material:** Electro-Plated Galvanized Steel  
**Width:** 5/16" (7.9 mm)  
**Height:** 7/16" (11.1 mm)

| CAT. NO.     | FINISH            | STOCK LENGTH    |
|--------------|-------------------|-----------------|
| <b>KV995</b> | Zinc Plated Steel | 12'-0" (3.66 m) |

Minimum Order: 1 stock length. All Roll-Ezy Track can be combined for quantity pricing. Must ship common carrier. A Packing Charge will be added to orders of fewer than five combined lengths.

## CRL Roll-Ezy Ball Bearing Carrier

This CRL Ball Bearing Carrier is a component of all "Roll-Ezy" Ball Bearing Track Assemblies. The free rolling ball bearings are spaced 3" (76 mm) on center with "noiseless" two-point suspension between the Shoe and the Lower Track.



Carrier should be cut 1.5 times the width of the sliding door.

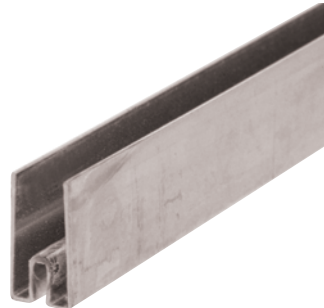
**Material:** Electro-Plated Galvanized Steel  
**Width:** 1/2" (12.7 mm)  
**Height:** 7/16" (11.1 mm)

| CAT. NO.     | FINISH            | STOCK LENGTH    |
|--------------|-------------------|-----------------|
| <b>KV997</b> | Zinc Plated Steel | 12'-0" (3.66 m) |

Minimum Order: 1 stock length. All Roll-Ezy Track can be combined for quantity pricing. Must ship common carrier. A Packing Charge will be added to orders of fewer than five combined lengths.

## CRL Roll-Ezy Single Lower Track

This CRL Steel Single Lower Track is a component of the KV892144 "Roll-Ezy" Ball Bearing Single Track Assembly. The KV997 Ball Bearing Carrier rests securely on the solid anvil within the Lower Track, and is used support the KV995 Shoes for the tempered glass door.



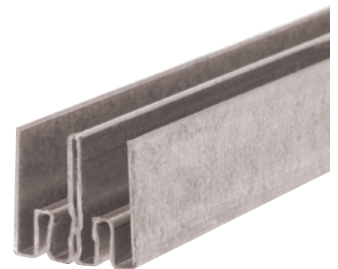
**Material:** Electro-Plated Galvanized Steel  
**Width:** 1/2" (12.7 mm)  
**Height:** 1" (25.4 mm)

| CAT. NO.     | FINISH            | STOCK LENGTH    |
|--------------|-------------------|-----------------|
| <b>KV899</b> | Zinc Plated Steel | 12'-0" (3.66 m) |

Minimum Order: 1 stock length. All Roll-Ezy Track can be combined for quantity pricing. Must ship common carrier. A Packing Charge will be added to orders of fewer than five combined lengths.

## CRL Roll-Ezy Double Lower Track

This CRL Double Lower Track is a component of all KV992 Series "Roll-Ezy" Ball Bearing Double Track Assemblies. KV997 Ball Bearing Carriers rest securely on the solid anvils within the Lower Track, and are used to support the KV995 Shoes for the bypassing tempered glass doors.



**Material:** Electro-Plated Galvanized Steel  
**Width:** 1" (25.4 mm)  
**Height:** 1" (25.4 mm)

| CAT. NO.     | FINISH            | STOCK LENGTH    |
|--------------|-------------------|-----------------|
| <b>KV999</b> | Zinc Plated Steel | 12'-0" (3.66 m) |

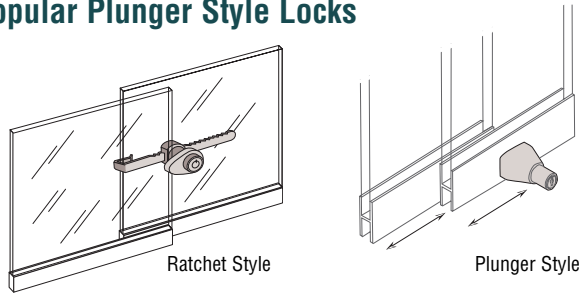
Minimum Order: 1 stock length. All Roll-Ezy Track can be combined for quantity pricing. Must ship common carrier. A Packing Charge will be added to orders of fewer than five combined lengths.

# CRL LOCKS FOR ROLLING TRACK ASSEMBLIES

For Pricing on CRL Products, Call Toll Free (800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

## CRL Sliding Glass Door Locks

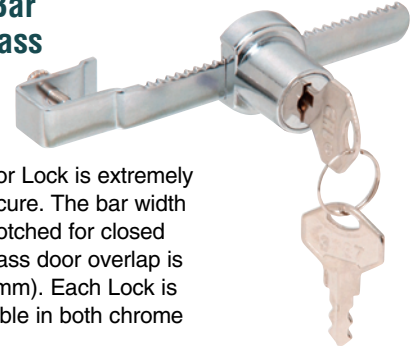
- Easily Installed Ratchet Style Locks
- Popular Plunger Style Locks



CRL offers a vast selection of Sliding Glass Door Locks for Rolling Track Assemblies. These locks are well designed, functional, and easy to install. Most CRL Locks may be ordered as "Keyed Alike" when it is desired to have one key operate multiple locations.

## CRL Sliding Glass Door Lock

- Screw-On Ratchet Bar Holds Lock Onto Glass
- Economical, Easy to Install



This CRL Sliding Glass Door Lock is extremely convenient to open and re-secure. The bar width is 7/16" (11.1 mm), and it is notched for closed adjustment. The bypassing glass door overlap is 1-1/8" to 3-1/4" (28.6 to 82.6 mm). Each Lock is supplied with two keys. Available in both chrome and brass finishes.

| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH          |
|----------------------|----------------------|-----------------|
| 2040                 | 2040KA               | Chrome          |
| 2045                 | 2045KA               | Brass           |
| 2040KEY*             | 2040KEY*             | Replacement Key |

Minimum order: 1 each. \*Note: Specify key number when placing order for Replacement Key. All Locks can be combined for quantity pricing.

## CRL Stick-On Rolling Track Lock

- Available in Three Finishes
- Economical, Easy to Install



CRL Stick-On Track Locks help resist shoplifting. Peel and stick adhesive - easy to install - no holes to drill or special tools required. Locked doors cannot be separated or lifted out. Easy to operate - push in and turn key. Works with doors overlapping 3/4" to 2" (19 to 50.8 mm).

| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH           |
|----------------------|----------------------|------------------|
| TDK7A                | TDK7AKA              | Aluminum         |
| TDK7DU               | TDK7DUKA             | Duranodic Bronze |
| TDK7GA               | TDK7GAKA             | Gold Anodized    |

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

## CRL "Pick Proof" Sliding Glass Door Lock

- Used On All Types of Glass Sliding Doors
- "Pick Proof" Cylinder



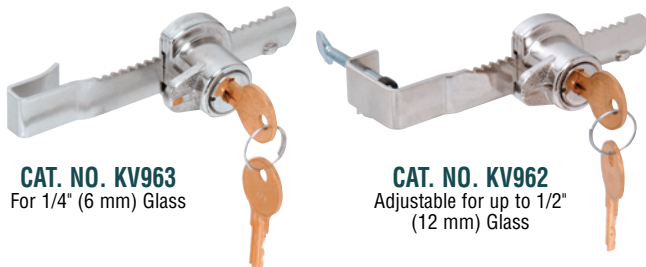
This CRL Sliding Glass Door Lock is perfect for all types of 1/4" (6 mm) thick 'all-glass' sliding doors. The "pick proof" cylinder gives you added security. It is adjustable for overlaps from 1" to 3" (25.4 to 76.2 mm). Can be keyed alike on special request. Comes with two keys.

| CAT. NO. | KEYED    | FINISH        |
|----------|----------|---------------|
| KV965    | Randomly | Chrome Plated |

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

## CRL "Tamper Proof" Sliding Glass Door Locks

- Used on All Types of Glass Sliding Doors
- Chrome Finish



CAT. NO. KV963  
For 1/4" (6 mm) Glass

CAT. NO. KV962  
Adjustable for up to 1/2" (12 mm) Glass

CRL "Tamper Proof" Sliding Glass Door Locks have an improved design that includes a housing that prevents spreading of glass doors. Fits any sliding 'all-glass' door, many wood and metal doors, too. They're easily attached - you don't need tools. Durable construction, finished in rustproof chrome. For overlaps of 3/4" to 3-3/8" (19 to 85.7 mm). Bar width is 5/8" (15.9 mm). Keyed randomly. Minimum order is one each.

## CRL Keymatic Sliding Glass Door Lock

- Multi-Combination Cylinder
- Polished Nickel Finish



Specifically designed as a top security lock for sliding cabinet doors. The exclusive Keymatic Cylinder allows combination changes using the Keymatic Master Combination Key. Up to eight different keys may be used to operate the Lock. Installs with only a screwdriver. Maximum door thickness is 1/4" (6 mm) with the standard bar. An Optional Adjustable Bar allows use on doors up to 1/2" (12 mm) thick. The front shoulder on the lock barrel prevents spreading of glass panels to bypass the Lock.

| CAT. NO. | DESCRIPTION             | MAX. DOOR THICKNESS |
|----------|-------------------------|---------------------|
| KML48    | Standard Ratchet Lock   | 1/4" (6 mm)         |
| KML48AB  | Optional Adjustable Bar | 1/2" (12 mm)        |

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

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T142 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL Glass Showcase Lock

**new**

- Fits Up to 5/16" (8 mm) Thick Glass Doors
- Screw-On Ratchet Bar to Hold Lock Onto Glass
- Secure, Double-Bit Key



This CRL Glass Showcase Lock is designed to be used on showcase or cabinets with sliding glass doors, and is available randomly keyed or keyed alike. Extremely convenient to open and re-secure. The ratchet bar is secured to one of the glass panels with a plastic tipped thumb screw. The bar width is 13/32" (10.3 mm). Glass door overlap is 1-1/4" to 4" (32 to 102 mm). Each Lock is supplied with two double-bit keys.

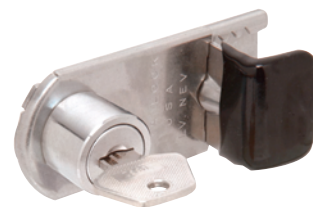
| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH |
|----------------------|----------------------|--------|
| 220CH                | 220CHKA              | Chrome |

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

## CRL "Z" Type Slideguard Lock

- Glue-On Keyed Lock for Showcases
- Easy to Install

CRL Slideguard Locks are the perfect choice for your showcase or cabinet sliding glass door security requirements. This Lock operates the same as the Original Type Slideguard Lock, and bonds permanently to glass or metal with supplied adhesive. The Stop is bent over to a "Z" configuration to prevent spreading of the glass on showcase installations. Locks are randomly keyed.



| CAT. NO. | FINISH          |
|----------|-----------------|
| SLGZ14   | Stainless Steel |

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

## CRL Universal Plunger Locks

- For Glass or Wood Doors From 1/4" to 1/2" (6 to 12 mm) Thick
- Available in Three Finishes



The CRL Universal Plunger Lock will fit panels from 1/4" to 1/2" (6 to 12 mm) thick, making it ideal for use in glass, masonite or wood showcase and cabinet doors. Use CRL Cat. No. AG1116 to drill an 11/16" (17 mm) hole for installation. Package includes two keys, mounting screws, plates, and a lock tumbler.

| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH           |
|----------------------|----------------------|------------------|
| D802C                | D802CKA              | Chrome           |
| D802BR               | -                    | Brass            |
| D802DU               | -                    | Duranodic Bronze |

Minimum order: 1 each. All Locks can be combined for quantity pricing.  
Requires 11/16" (17 mm) diameter plunger hole.

## CRL Original Type Slideguard Lock

- Glue-On Keyed Lock for Sliding Doors and Windows
- Easy to Install



CRL's "Original Type" Slideguard Lock is designed to be used for sliding doors and windows. The receiver portion of this keyed Lock bonds permanently to glass or metal with supplied adhesive. The locking stop plate slides on and is removable with a key. The large 90 degree stop secures sliding doors or windows. Locks are randomly keyed.

| CAT. NO. | FINISH          |
|----------|-----------------|
| SLG014   | Stainless Steel |

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

## CRL Sliding Glass Door Lock

- Chrome Plated
- Fits Up to 1/4" (6 mm) Thick Glass



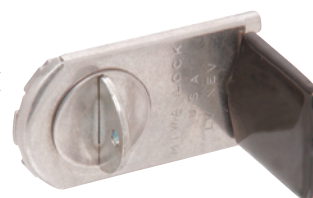
CRL Cabinet Sliding Glass Door Locks have a heavy chrome plating that gives them a rich appearance. The low profile design is favored for showcases where the appearance of locking hardware may be distracting, but security is important. They come complete with two keys, plug locking case, two washers, and two screws. Use CRL Cat. No. AG1116 to drill an 11/16" (17 mm) diameter hole for installation.

| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH |
|----------------------|----------------------|--------|
| LK16                 | LK16KA               | Chrome |

Minimum order: 1 each. All Locks can be combined for quantity pricing.  
Requires 11/16" (17 mm) diameter plunger hole.

## CRL Thumb Turn Type Slideguard Lock

- Glue-On Thumb Turn Lock for Sliding Doors and Windows
- Easy to Install



CRL Slideguard Locks are the perfect choice for your security projects. The receiver portion of this Thumb Turn Lock bonds permanently to glass or metal with supplied adhesive. The stop plate slides on and is removable by rotating the thumb turn. Large 90 degree stop secures sliding doors and windows.

| CAT. NO. | FINISH          |
|----------|-----------------|
| SLGT14   | Stainless Steel |

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



# CRL LOCKS FOR ROLLING TRACK ASSEMBLIES

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## CRL Sliding Door Lock

- No Drilling Through H-Bar Cross Web
- 1" (25 mm) Long Plunger Fits All H-Bar Extrusions

This CRL Sliding Door Lock requires a 5/16" (8 mm) diameter hole, making it easy to install without notching the glass. Lock is secured by two screws from the back side of the H-Bar. Available in black and satin chrome finishes, keyed alike or randomly. Blank Keys are available to make duplicate keys. For blank replacement keys cut on one side order Cat. No. BKEY; for blank replacement keys cut on two sides order Cat. No. B2KEY.



| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH       |
|----------------------|----------------------|--------------|
| 0911BC               | 0911BCKA             | Black Chrome |
| 0911SC               | 0911SCKA             | Satin Chrome |

Minimum order: 1 each. All Locks can be combined for quantity pricing. Requires 5/16" (8 mm) diameter plunger hole.

## CRL Track Plunger Lock

- No Need to Drill a Hole in Glass

CRL Nickel Plated Track Plunger Locks install easily on sliding glass doors in showcase track assemblies. They can be mounted in the H-Bar or within the surround frame of the glass doors. The spring-activated design permits keyless locking by simply pushing the plunger. Lock comes complete with two brass keys and trim washer. Customers needing duplicate keys can order Cat No. LKEY which is the blank key for this Lock. If the LK54 Lock is being used with D610, D5610 or MC610 H-Bar, the glass will require notching. If being used with LK610 H-Bar and D602 Lower Track, no glass notching is required.



| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH        |
|----------------------|----------------------|---------------|
| LK54                 | LK54KA               | Nickel Plated |

Minimum order: 1 each. All Locks can be combined for quantity pricing. Requires 13/16" (20 mm) diameter barrel hole and 5/16" (8 mm) plunger hole.

## CRL Track Plunger Lock

- Spring Activated Plunger Locks Without Key
- Simple to Install



The CRL Chrome Track Plunger Lock installs easily in track assemblies with sliding glass doors. You can install it in either the top or bottom of the door. The spring-activated design permits locking simply by pushing the plunger without the key. Comes with ferrule and two keys. If the 981 is used with Cat. No.'s D610, D5610 or MC610 H-Bar, the glass will require notching. If the LK610 H-Bar is used, no notching of the glass is required. For replacement Keys order Cat. No. 981KEY.

| CAT. NO. | KEYED | FINISH |
|----------|-------|--------|
| 981      | Alike | Chrome |

Minimum order: 1 each. All Locks can be combined for quantity pricing. Requires 5/8" (16 mm) diameter barrel hole and 3/8" (10 mm) ferrule hole.

## CRL Deluxe Plunger Lock

- Designed for Locking Bypassing Doors in Showcase Track
- "Slim-Line" Profile



This CRL Deluxe Plunger Lock for Showcases is manufactured with the cylinder welded to the back mounting plate, which assures excellent security and reliability. Available in a selection of beautiful finishes to match popular showcase extrusions. The slim profile of the lock simplifies installation. If it is used with our LK610 or KK610 H-Bar no notching of the glass is required. Available keyed randomly or alike.

| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH        |
|----------------------|----------------------|---------------|
| 267BN                | 267BNKA              | Nickel Plated |
| 267CH                | 267CHKA              | Chrome Plated |
| 267DU                | 267DUKA              | Bronze Plated |
| 267GP                | 267GPKA              | Gold Plated   |

Minimum order: 1 each. All Locks can be combined for quantity pricing. Requires 9/16" (15 mm) diameter barrel hole and 5/16" (8 mm) plunger hole.

## CRL End Cap Sliding Door Locks for DV146 H-Bar

- No Need to Drill Glass

This Lock fits into the cut end of the DV146 H-Bar to secure the bypassing panels when also using a Cat. No. 6306 Anti-Lift Clip. No drilling of the glass is required. The Lock comes with two keys.

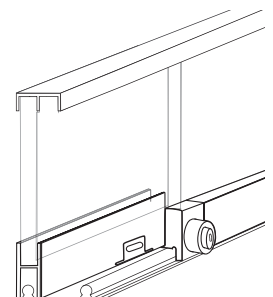
| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH       |
|----------------------|----------------------|--------------|
| 0681SC               | 0681SCKA             | Satin Chrome |
| 0681SBR              | 0681SBRKA            | Satin Brass  |

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



## CRL Anti-Lift Clip for 0681S Lock

CRL's Anti-Lift Clip is designed to prevent track assembly doors from being removed when they are in the locked position. The Anti-Lift Clip is secured to the track assembly with two screws (not included) and intended to work with CRL's Cat. No. 0681S End Cap Sliding Door Lock and D602 Lower Track Extrusion. Minimum order is one each.



CAT. NO. 6306

LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

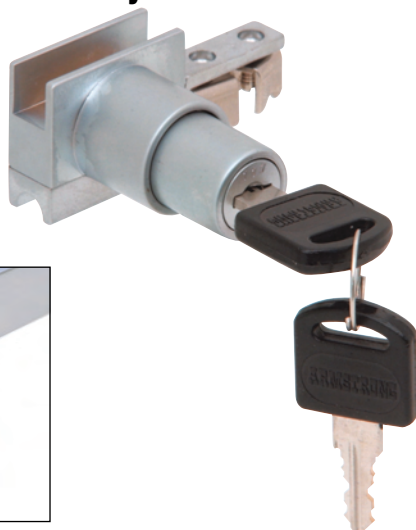
T144 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

# CRL LOCKS FOR ROLLING TRACK ASSEMBLIES

For Pricing on CRL Products, Call Toll Free (800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

## CRL End Cap Sliding Door Lock for S710A Security H-Bar

- No Drilling of Glass Required



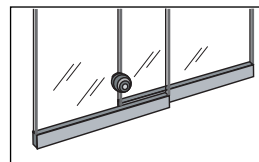
Plunger-style Lock fits into cut end of Cat. No. S710A Security H-Bar to secure the bypassing panels. No drilling of the glass is required. Comes with two keys. **NOTE:** For use only with Cat. No. S710A Security H-Bar.

| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH                                  |
|----------------------|----------------------|-----------------------------------------|
| TA11<br>LKEY         | TA11KA<br>LKEY       | Satin Anodized<br>Replacement Blank Key |

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

## CRL Keymatic Sliding Glass Door Plunger Lock

- Polished Nickel Finish
- Installs Directly Onto Glass Up to 1/2" (12 mm) Thick



The CRL Keymatic Sliding Glass Door Plunger Lock is installed directly onto the glass with plunger resting against edge of back sliding door. A 1-1/4" (32 mm) hole must be drilled in the front sliding door to accept the Lock. Will work in doors up to 1/2" (12 mm) thick. A captive operation system allows the key to be removed only in the locked position. Package includes the glass cover plate, rubber rings, plastic insert washer, and four screws. The exclusive Keymatic Cylinder allows combination changes using the Cat. No. KMKM Keymatic Master Combination Key. Minimum order is one each.

**CAT. NO. KML41GL**

## CRL Cabinet Glass Door Lock

- Chrome and Brass Finishes Available
- Provides Security and Doubles as a Knob to Open Doors
- Fits Doors Up to 1/4" (6 mm) Thick



These CRL Cabinet Glass Door Locks work in cabinets with bypassing doors up to 1/4" (6 mm) thick. In its locked position the plunger from the Lock installed in the outer door extends past the edge of the inner door, keeping the doors from bypassing each other. The plunger can be activated without the key, so it takes only seconds to secure the doors. The Lock's design also allows it to be used as a knob to open the doors when in the unlocked position, so you don't have to install a separate pull handle. Locks come complete with two keys and washers. Customers needing extra blank keys can order Cat. No. LKEY.

| CAT. NO. RANDOM KEYS | CAT. NO. KEYED ALIKE | FINISH          |
|----------------------|----------------------|-----------------|
| LK50<br>LK52         | LK50KA<br>LK52KA     | Chrome<br>Brass |

Minimum order: 1 each. All Locks can be combined for quantity pricing. Requires 1" (25 mm) diameter plunger hole.

## CRL Keymatic Sliding Door Plunger Lock

- Fits Doors Up to 1-1/32" (26 mm) Thick
- Polished Nickel Finish



The CRL Keymatic Sliding Door Plunger Lock can be installed to engage either by pushing into a drilled hole, or resting against the edge of the back sliding door. This Lock is excellent for any sliding door application other than glass doors, for which we have the Cat. No. KML41GL Sliding Glass Door Plunger Lock (above). Lock features captive operation so key can only be removed in locked position. Fits doors up to 1-1/32" (26 mm) thick. The exclusive Keymatic Cylinder allows combination changes using the Cat. No. KMKM Keymatic Master Combination Key.

| CAT. NO. | DESCRIPTION  | FINISH          |
|----------|--------------|-----------------|
| KML41    | Plunger Lock | Polished Nickel |

Minimum order: 1 each. All Locks can be combined for quantity pricing. Requires 7/8" (22 mm) diameter barrel hole and 13/32" (10 mm) diameter plunger hole.

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PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA | T145



## Custom Bullet Resistant Windows by CRL Manufacturing

CRL-fabricated Bullet Resistant Windows are installed in venues throughout North America. Their reputation for being well designed, easy to install, and durable make them the choice of architects who insist upon a level of quality they can recommend with complete assurance. CRL Transaction Technical Sales works with our clients to provide them with windows that will perform with a high level of security when it's needed the most. Tellers, clerks and others who man these workstations are less vulnerable when protected by a window designed to provide for their safety. That's what our Bullet Resistant Windows are all about. The following pages will provide you with all of design options and available accessories you need to order a CRL-fabricated window for your next project

### Venues Where CRL Windows Are In Use:

- Sports Stadiums/Arenas/Race Tracks
- Theaters/Museums/Amusement Parks
- Hospitals/Clinics/Pharmacies
- Service Stations/Convenience Stores
- Checking Cashing Stores/Banks
- Courthouses/Police Stations
- Universities/Colleges

#### KODAK THEATRE, CALIFORNIA

Home of Entertainment Awards Shows



Installation by Model Glass, Anaheim, CA.

#### COMERICA PARK, MICHIGAN

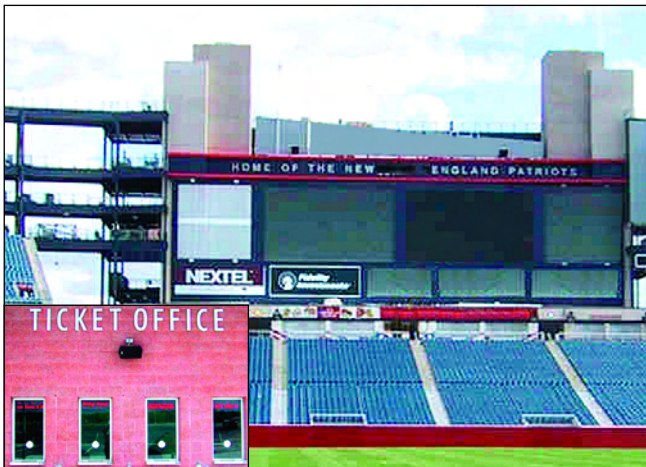
Home of the Detroit Tigers



Installation by Universal Glass and Metal Inc., Detroit, MI.

#### GILLETTE FIELD, MASSACHUSETTS

Home of the New England Patriots



Installation by Tower Glass Co. Inc., Woburn, MA.

#### FORD FIELD, MICHIGAN

Home of the Detroit Lions



Installation by Universal Glass and Metal Inc., Detroit, MI.

See other projects featuring CRL Bullet Resistant Windows in our Image Gallery at [crlaurence.com](http://crlaurence.com)

LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

T146 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA



## Bullet Resistant Protection Level Ratings

| <b>IMPORTANT NOTE!</b><br><b>Regarding U.L. 752</b><br><b>Protection Levels Assessment</b><br>Protection Levels assigned to various products listed as "Bullet Resistant" are based on testing recognized under the standards established by Underwriters' Laboratories (U.L. 752) for bullet resisting components. Protection Levels listed for options available for Exchange Windows pertain only to the option itself. A Level 1 option used with a Level 3 option will yield an overall Protection Level for the lowest rated option or component. | PROTECTION LEVEL RATING           | U.L. 752 BALLISTICS DESCRIPTION                                                                                             | EXCHANGE WINDOW COMPONENTS                                                                                                                             |                                                                                                          |                               |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>LEVEL 1</b><br><b>M.P.S.A.</b> | Medium Power Small Arms<br>(9 mm)<br>      | <b>Glazing Materials</b><br>1-5/16" (33 mm) Bullet Resistant Glass<br>1-1/4" (32 mm) Bullet Resistant Acrylic<br>3/4" (19 mm) Bullet Resistant Lexgard | <b>Speak-Thrus</b><br>CAD101; TTU1 with Bullet Resistant Disc<br>TTU3 Matches Glazing Protection Level   | <b>Counter / Shelf</b><br>All | <b>Frame</b><br>All |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>LEVEL 2</b><br><b>H.P.S.A.</b> | High Power Small Arms<br>(.357 Magnum)<br> | 1-3/8" (35 mm) Bullet Resistant Glass<br>1" (25 mm) Bullet Resistant Lexgard                                                                           | N555; N777<br>TTU3 Matches Glazing Protection Level                                                      | Special Order                 | Special Order       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>LEVEL 3</b><br><b>S.P.S.A.</b> | Super Power Small Arms<br>(.44 Magnum)<br> | 1-7/8" (48 mm) Bullet Resistant Glass<br>1-1/4" (32 mm) Bullet Resistant Lexgard<br>1-3/16" (30 mm) Bullet Resistant Glass Clad Polycarbonate*         | N555C3; N777C3; N666; CLD103<br>TTU1 with Bullet Resistant Disc<br>TTU3 Matches Glazing Protection Level | Special Order                 | Special Order       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Not Rated as Bullet Resistant     |                                                                                                                             | 1/4" (6 mm) Glass and others                                                                                                                           | 405; 410; 425; 430; 543; 549; 834; TTU1; TTU3; SST5; SST7                                                |                               |                     |

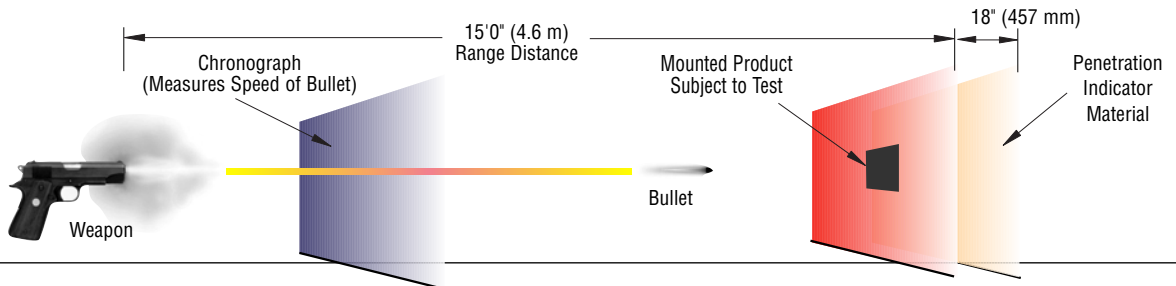
### PROTECTION LEVELS



## U.L. 752 BULLET RESISTANT PRODUCT TESTING



N777 Bullet Resistant Speak-Thru after test firing



## Bullet Resistant Fiberglass Panels

|                                                                                                                                          |                                                                                                                                          |                                                                                                                                          |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
|  <b>LEVEL 1</b><br><b>M.P.S.A.</b><br>Cat. No. BRF100 |  <b>LEVEL 2</b><br><b>H.P.S.A.</b><br>Cat. No. BRF200 |  <b>LEVEL 3</b><br><b>S.P.S.A.</b><br>Cat. No. BRF300 | <b>SEE PAGE T177 FOR MORE INFORMATION ON BULLET RESISTANT FIBERGLASS PANELS</b> |
|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|

## Typical Bullet Resistant Glazing Materials (other materials also available)

|                                                                                                                                                                 |                                                                                                                                                                |                                                                                                                                                                                                |                                                                                                                                                              |                                                                                                                                                                |                                                                                                                                                                    |                                                                                                                                                                                       |                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <b>LEVEL 1</b><br><b>M.P.S.A.</b><br>1-5/16" (33 mm) Bullet Resistant Glass |  <b>LEVEL 1</b><br><b>M.P.S.A.</b><br>3/4" (19 mm) Bullet Resistant Lexgard |  <b>LEVEL 1</b><br><b>M.P.S.A.</b><br>1-1/4" (32 mm) Bullet Resistant Acrylic (With or Without SAR Coating) |  <b>LEVEL 2</b><br><b>H.P.S.A.</b><br>1" (25 mm) Bullet Resistant Lexgard |  <b>LEVEL 2</b><br><b>H.P.S.A.</b><br>1-3/8" (35 mm) Bullet Resistant Glass |  <b>LEVEL 3</b><br><b>S.P.S.A.</b><br>1-1/4" (32 mm) Bullet Resistant Lexgard |  <b>*LEVEL 3</b><br><b>S.P.S.A.</b><br>1-3/16" (30 mm) Bullet Resistant Glass Clad Polycarbonate |  <b>LEVEL 3</b><br><b>S.P.S.A.</b><br>1-7/8" (48 mm) Bullet Resistant Glass |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*N.I.J. Level IIIA Tested

## CRL Exchange Window Options

Bullet Resistant Exchange Windows are available with a variety of options that allow us to build the window of your choice in as little as ten working days. You choose from a variety of options and provide the wall opening size into which the window will be installed. It's that simple! We do the rest. Please review opposite page for an overview of the component options available to build the right Exchange Window to meet just about any need. 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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

Inset style frames are installed inside the wall's rough opening, and may require some finished work to the wall after the window installation is complete. Clamp-On style frames are made larger than the wall's rough opening, and have exterior and interior frame members that fasten or "Clamp-On" to one another, sandwiching the wall in between. Wall thickness for the Clamp-On Style Frames must be 5" to 8-1/2" (127 to 216 mm).

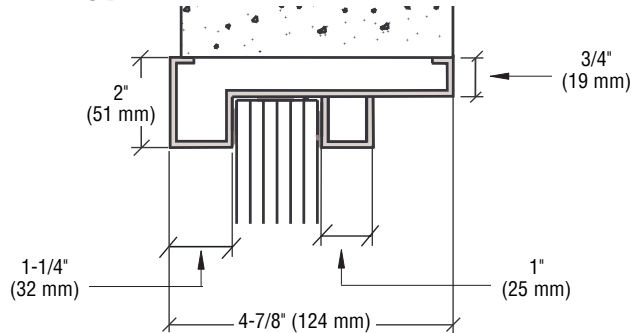
- Numerous Frame, Finish, Shelf, Glazing and Speak-Thru Options
- Exterior and Interior Applications
- Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)



Century City Hospital  
Installation by Crabtree Glass, Van Nuys, CA

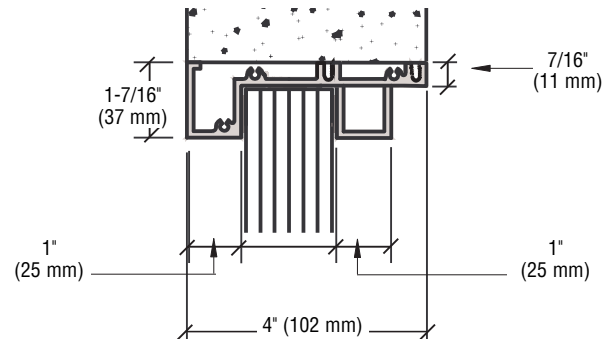


## Frame Types



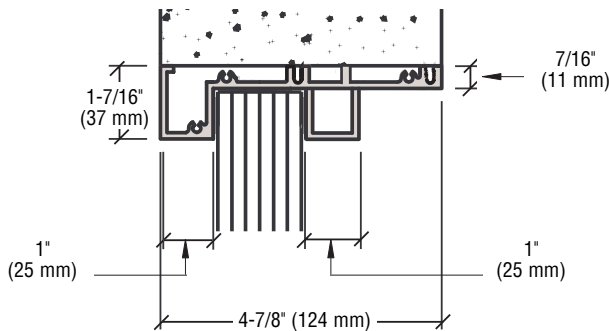
### Standard Inset Stainless

4-7/8" (124 mm) Minimum Wall Thickness  
Custom Windows See Pages T150-T153  
Mullion Detail See Page T151



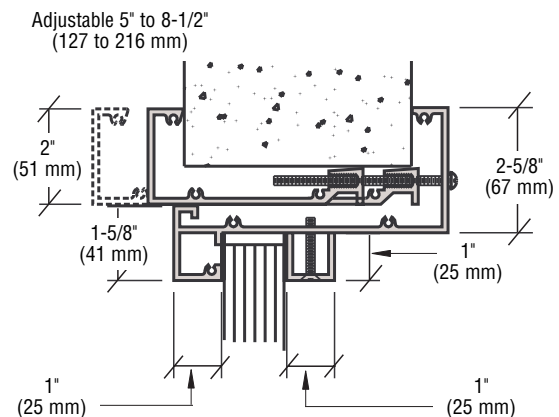
### Narrow Inset Aluminum

4" (102 mm) Minimum Wall Thickness  
Custom Windows See Pages T154-T157  
Mullion Detail See Page T155



### Standard Inset Aluminum

4-7/8" (124 mm) Minimum Wall Thickness  
Stock Windows See Page T162  
Custom Windows See Pages T158-T161  
Mullion Detail See Page T159



### Clamp-On Aluminum

5" to 8-1/2" (127 to 216 mm) Wall Thickness  
Stock Windows See Page T167  
Custom Windows See Pages T163-T166  
Mullion Detail See Page T164

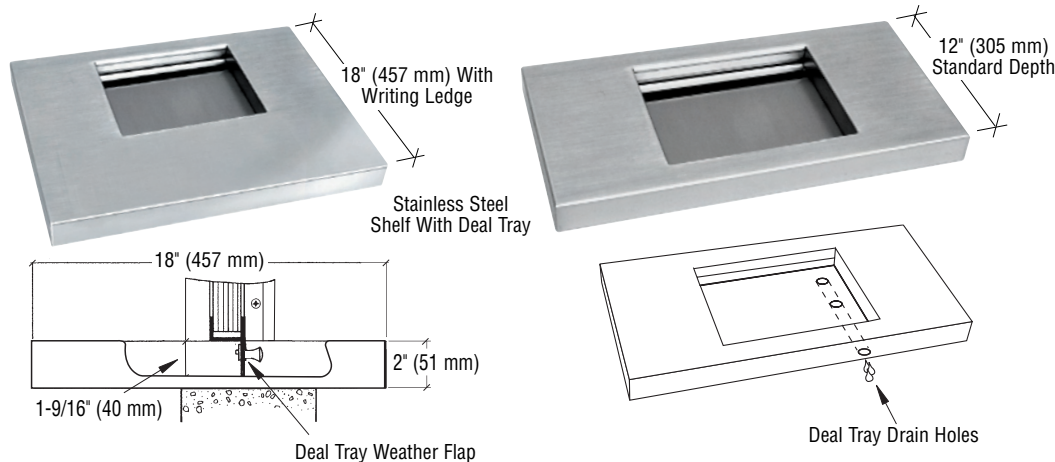
## Frame Finishes

Aluminum Exchange Window Frames are constructed using .125" (3.2 mm) thick extruded 6063-T5 aluminum alloy in your choice of satin anodized or duranodic bronze finishes, RAL powder paint colors or custom Kynar paint colors. Stainless Steel Window Frames are constructed using 11 gauge stainless steel with a #4 Finish.

## CRL Exchange Window Options

### Counter Options See page T207

Stainless Steel Shelves can be added to exterior or interior Exchange Windows to serve as a counter surface.



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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



Custom Hinged Panel Pass-Thru Available on Units Glazed With Acrylic/Lexgard Only

### Speak-Thru Options

Voice transmission for Exchange Windows is achieved via a number of Speak-Thru devices. You can select any of these devices for Clamp-on, Standard Inset, and Narrow Inset Frame Windows.

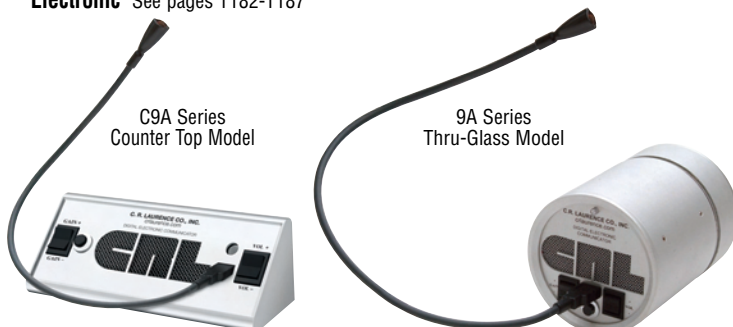
#### Non-Bullet Resistant See pages T188-T189



#### Bullet Resistant See pages T190-T191



#### Electronic See pages T182-T187



### Surround Sound Voice Transmission System

#### How It Works:

The Surround Sound Voice Transmission System is a simple principle that allows natural voice exchange between customer and clerk. Instead of relying on a Speak-Thru device or electronic amplification unit to achieve voice transmission, a framed unit is glazed with rubber blocks spaced evenly around the glazing channel. The open spaces between the blocks allow for natural voice transmission and an unobstructed field of vision.

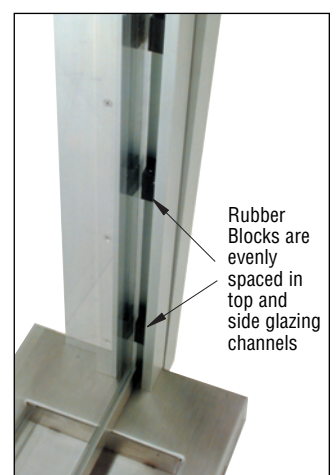
Surround Sound is not recommended for exterior installations because it is not weathertight. When using Surround Sound, CRL recommends the following guidelines:

Single lite window = 36" (914 mm) maximum width.

Multi-lite window = 36" (914 mm) maximum width per lite.



Typical Clamp-On Frame Exchange Window With Surround Sound Option



Close-up of Surround Sound Frame Option

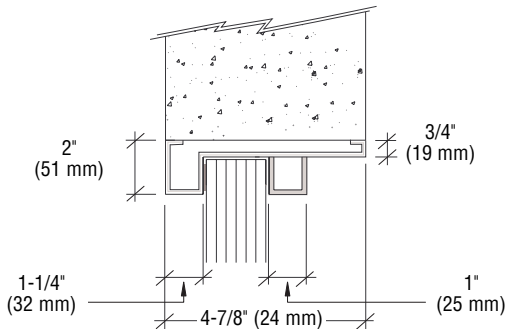


## CRL Standard Inset Frame Windows - Stainless Steel

- ① 4-7/8" (124 mm) Stainless Steel Inset Frame
  - ② Your Choice of Glazing From 1/4" (6 mm) Non-Bullet Resistant Glass to 1-7/8" (48 mm) Level 3 B.R. Glass (See Page T147 for Glass Details)
  - ③ N666 Speak-Thru Option Shown (See Page T190 for Speak-Thru Details)
  - ④ Stainless Steel Shelf and Deal Tray Option Shown (See Page T207 for Shelf Details)
- Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)



THE ALERUS CENTER, Installation by Northland Ltd., Fargo, ND



Standard Inset Windows are available in many different configurations; from single ticket windows to complex multiple station teller windows with dropdowns, returns, and more. Different glazing, speak-thrus, and shelf options are available to meet various applications.

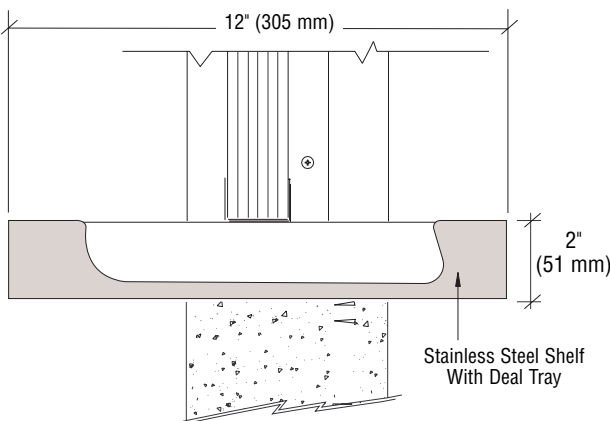
For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

### SPECIFICATIONS:

**Frame Description:** Standard Inset Stainless Steel Frame

**Frame Construction:** Inset Type for Walls with a 4-7/8" (124 mm) Minimum Thickness

**Frame Material:** Type 304, 11 Gauge Stainless Steel #4 Finish



### PROTECTION LEVELS



## CRL Standard Inset Frame Windows - Stainless Steel

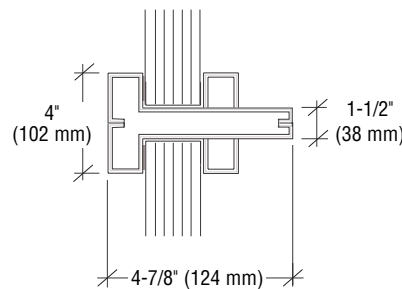
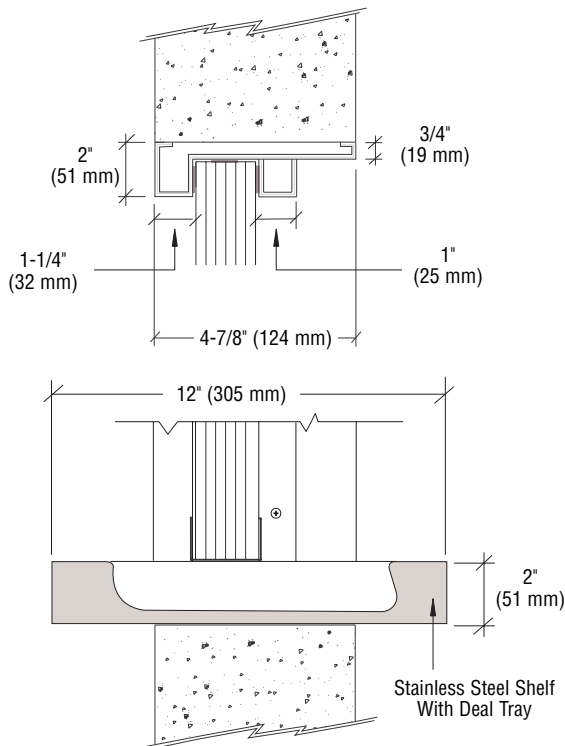
### Multi-Lites, Dropdowns, Returns, and More



- Standard Inset Multi-Lite Frame With Shelf and Deal Tray Designed for Multiple Window Units for Arenas, Stadiums, Payment Offices, Theaters, Etc.
- Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)

Multi-Lite Standard Inset Frame Windows are commonly used for installations with multiple workstations, such as those found in walk-up ticket offices in arenas, stadiums, movie theaters, and museums. Window options include speak-thrus, deal trays, shelves, dropdowns, returns, and more. Standard Inset Frame is designed for installation into walls at least 4-7/8" (124 mm) thick.

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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and click on Technical Sales for Transaction Products.



Mullion Detail



#### PROTECTION LEVELS



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel  
**Finishes:** Frame - Brushed Stainless Steel; Shelf - Brushed Stainless Steel #4 Finish  
**Deal Tray:** Level 1 or Level 3 Protection  
**Instructions Included**

#### MULTI-LITE STANDARD INSET STAINLESS STEEL FRAME WINDOW

| CAT. NO. | FINISH                  | OVERALL SIZE (W X H) |
|----------|-------------------------|----------------------|
| S1SWS    | Brushed Stainless Steel | Customer to Specify  |

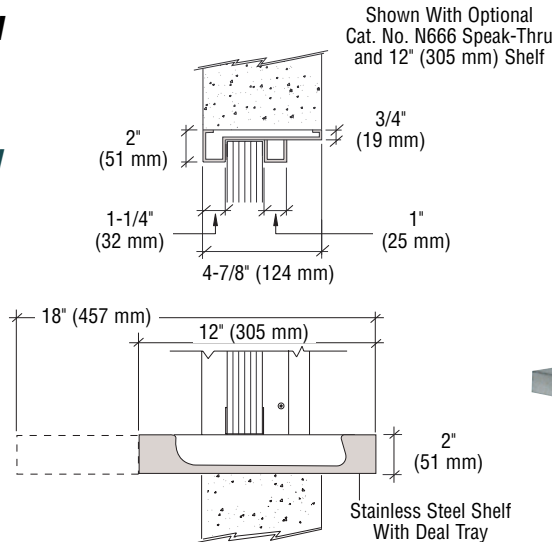
Minimum order: 1 each.

## CRL Standard Inset Frame Windows - Stainless Steel

### Exterior Glazed Exchange Window

- Standard Inset Frame With Stainless Steel Shelf and Built-In Non-Ricochet Bullet Resistant Deal Tray
- Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)

Exterior Glazed Standard Inset Frame Windows have a Stainless Steel Shelf with Bullet Resistant Deal Tray for passing currency, credit cards, tickets, and small articles. The stainless steel frame is designed for installation into walls at least 4-7/8" (124 mm) thick. The shelf is typically made in depths of 12" (305 mm) or 18" (457 mm). The added depth of the 18" (457 mm) shelf provides a convenient writing surface on the customer's side. The installer mounts the frame and shelf, then permanently seals the glazing material with the provided glazing tape. **NOTE:** An overhang is recommended for exterior applications. Customer specifies overall width and height when ordering.



#### PROTECTION LEVELS



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel.

**Finishes:** Frame - Brushed Stainless Steel; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection. Weather Flap/Drain Hole Options Available. See page T149.

**Instructions Included**



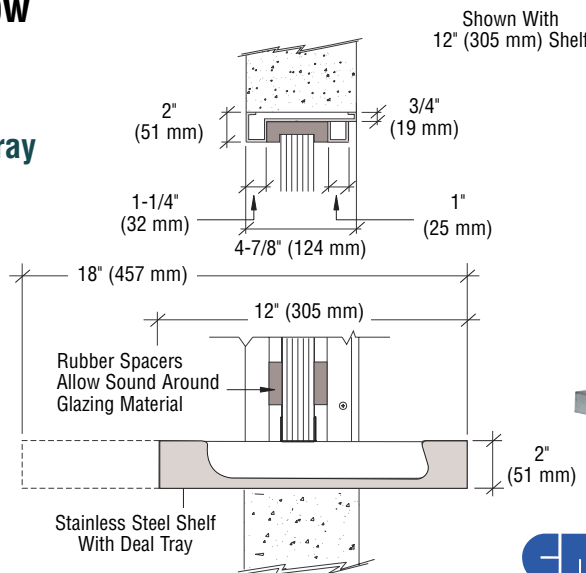
| CAT. NO.       | SHELF SIZE   | FINISH                  |
|----------------|--------------|-------------------------|
| <b>S1EW12S</b> | 12" (305 mm) | Brushed Stainless Steel |
| <b>S1EW18S</b> | 18" (457 mm) | Brushed Stainless Steel |

Minimum order: 1 each.

### Interior Glazed Exchange Window

- Standard Inset Frame Incorporates Surround Sound and Built-In Non-Ricochet Bullet Resistant Deal Tray
- Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)

Interior Glazed Standard Inset Frame Windows with Surround Sound Voice Transmission System, plus Stainless Steel Shelf with Non-Ricochet Bullet Resistant Deal Tray. The stainless steel frame is intended for installation into walls at least 4-7/8" (124 mm) thick. Typical shelf depths are 12" (305 mm) and 18" (457 mm). The 18" (457 mm) shelf gives customer a convenient writing surface. Securing the frame to the wall requires the removal and installation of the glazing material and spacer blocks. Customer specifies overall width and height when ordering.



#### PROTECTION LEVELS



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel.

**Finishes:** Frame - Brushed Stainless Steel; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection

**Instructions Included**



| CAT. NO.       | SHELF SIZE   | FINISH                  |
|----------------|--------------|-------------------------|
| <b>S11W12S</b> | 12" (305 mm) | Brushed Stainless Steel |
| <b>S11W18S</b> | 18" (457 mm) | Brushed Stainless Steel |

Minimum order: 1 each.

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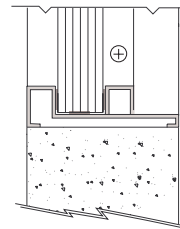
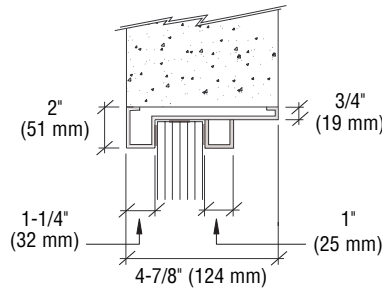


## CRL Standard Inset Windows - Stainless Steel

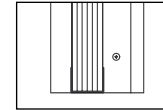
### Exterior Glazed Exchange Window

- **Standard Inset Frame Vision Window**  
Typically Used Above Built-In Exchange Drawers in Walk-Up Installations
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

Standard Inset Frame Vision Windows are designed for installation in wall openings having a thickness of at least 4-7/8" (124 mm). The frame has a uniform design on all four sides, and the selected glazing material will be sealed into the frame for a weather tight installation. Vision Windows are commonly used as sidelites in Multi-Lite Exchange Window units. Also for installation above built-in Transaction Drawers or Package Receivers. Installer affixes frame to wall opening then permanently seals glazing material into frame with included glazing tape. Can be ordered with U-Channel only under the glazing to enable easy access to Drop-In Deal Trays.



Full Frame Option



Bottom U-Channel Option (to install over separate drop-in tray)



Shown With Optional Cat. No. N666 Speak-Thru

#### PROTECTION LEVELS



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard.

**Finishes:** Frame - Brushed Stainless Steel #4 Finish

**Instructions Included**



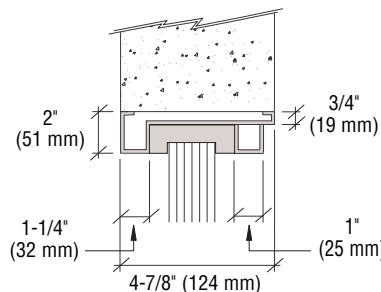
| CAT. NO.     | FINISH                  | OVERALL SIZE (W X H) |
|--------------|-------------------------|----------------------|
| <b>S1VES</b> | Brushed Stainless Steel | Customer to Specify  |

Minimum order: 1 each.

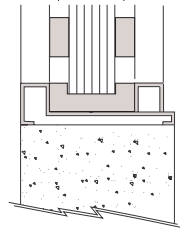
### Interior Glazed Exchange Window

- **Standard Inset Frame Vision Window**  
With Surround Sound System to Allow Natural Voice Transmission
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

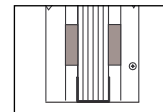
Standard Inset Frame Vision Windows with Surround Sound allow natural voice transmission without an installed speak-thru device. Vision Windows are typically installed above built-in Exchange Drawers, or as sidelites in Multi-Lite Exchange Window units. Frame is designed for walls at least 4-7/8" (124 mm) thick. They are not weather tight, and are recommended for installation only in interior applications. The frame is uniform on four sides. Securing the frame to the wall requires the removal and installation of the glazing material and spacer blocks. Can be ordered with U-Channel only under the glazing to enable access to Drop-In Deal Trays.



Rubber Spacers Allow Sound Around Glazing Material



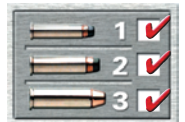
Full Frame Option



Bottom U-Channel Option (to install over separate drop-in tray)



#### PROTECTION LEVELS



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard.

**Finishes:** Frame - Brushed Stainless Steel #4 Finish

**Instructions Included**



| CAT. NO.     | FINISH                  | OVERALL SIZE (W X H) |
|--------------|-------------------------|----------------------|
| <b>S1V1S</b> | Brushed Stainless Steel | Customer to Specify  |

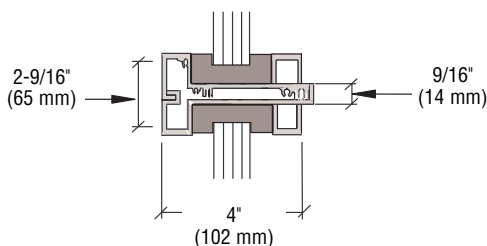
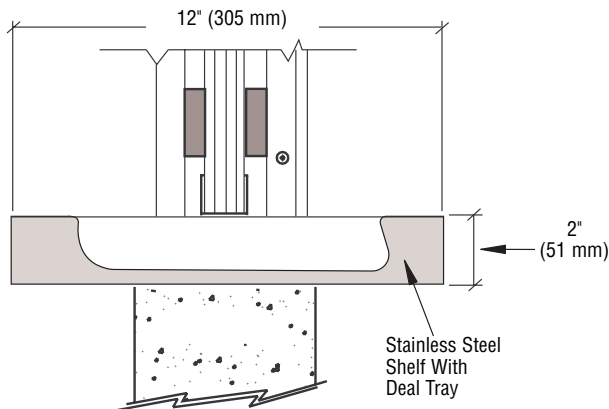
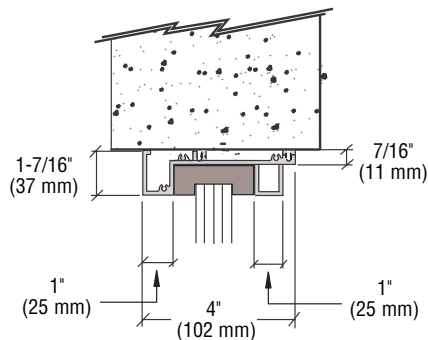
Minimum order: 1 each.

## CRL Narrow Inset Frame Windows - Aluminum



- ① 4" (102 mm) Narrow Inset Frame
- ② Your Choice of Glazing from 1/4" (6 mm) Non-Bullet Resistant Glass to 1-7/8" (48 mm) Level 3 B.R. Glass  
(See Page T147 for Glass Details)
- ③ Surround Sound (3 Lites)  
(See Page T149 for Communication Options)
- ④ CPR-Clear Package Receiver,  
1-1/4" (32 mm) Bullet Resistant Acrylic  
Level 1 (See Page T212 for Shelf Accessories)

• Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)



Mullion Detail



LEVY DIAMONDS INC., Los Angeles, CA

Narrow Inset Windows are available in many different configurations; multiple station transaction windows as shown in the photograph, single ticket windows, dropdowns, returns, and more. Different glazing, speak-thru, and shelf options are available to meet various applications.

For design 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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

### SPECIFICATIONS:

**Frame Description:** Narrow Inset Aluminum

**Frame Construction:** Inset Type for Walls with a 4" (102 mm) Minimum Thickness

**Frame Material:** .125" (3 mm) Thick Extruded 6063-T5 Aluminum Alloy

### PROTECTION LEVELS



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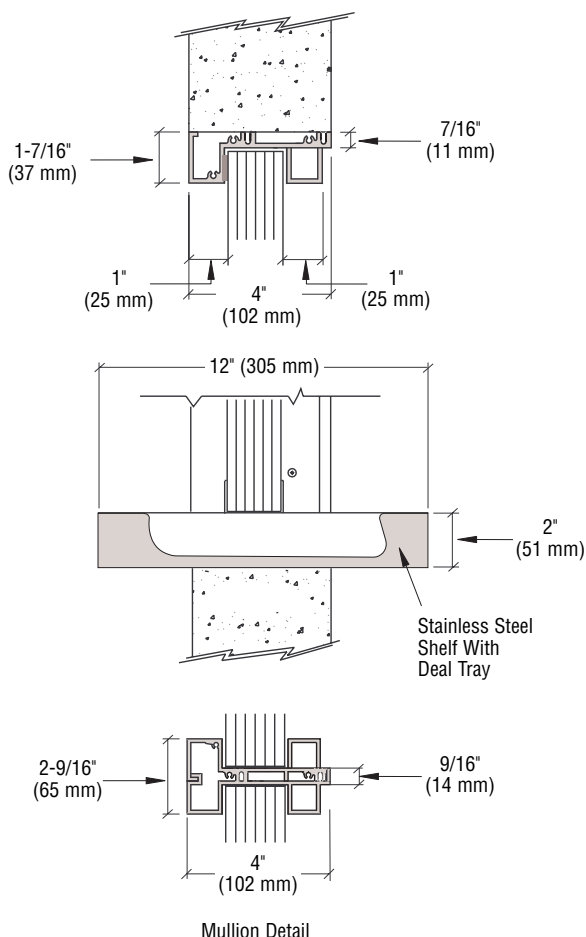
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## CRL Narrow Inset Frame Windows - Aluminum Multi-Lites, Dropdowns, Returns, and More

- **Narrow Inset Multi-Lite Frame With Shelf and Deal Tray Designed for Windows Joined Together for Multiple Position Workstations**

Multi-Lite Narrow Inset Frame windows are commonly used for installations with multiple workstations, such as those found in walk-up ticket offices in arenas, stadiums, movie theatres, and museums. Window options include speak-thrus, deal trays, shelves, dropdowns, returns, and more. Narrow Inset Frame is designed for installation into walls at least 4" (102 mm) thick.

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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**



### PROTECTION LEVELS



### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection

**Instructions Included**

### MULTI-LITE NARROW INSET ALUMINUM FRAME WINDOWS

| CAT. NO. | FINISH                | OVERALL SIZE (W X H) |
|----------|-----------------------|----------------------|
| N1SWA    | Satin Anodized        | Customer to Specify  |
| N1SWDU   | Duranodic Bronze      | Customer to Specify  |
| N1SWP    | Custom Powder Painted | Customer to Specify  |
| N1SWK    | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each.

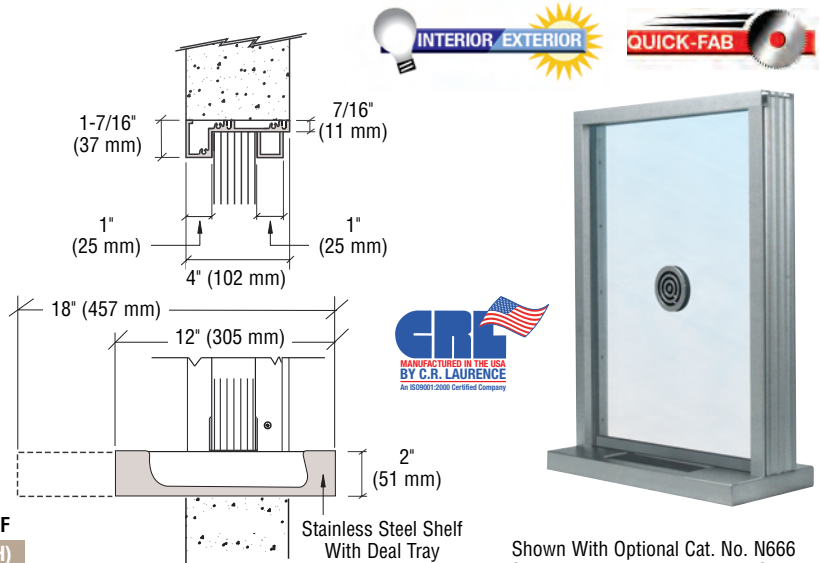


## CRL Narrow Inset Frame Windows - Aluminum

### Exterior Glazed Exchange Window

#### • Narrow Inset Frame With Stainless Steel Shelf and Built-in Non-Ricochet Bullet Resistant Deal Tray

Exterior Glazed Narrow Inset Frame Windows have a Stainless Steel Shelf with Non-Ricochet Bullet Resistant Deal Tray for passing currency, credit cards, tickets, and small articles. The extruded aluminum frame is designed for installation into walls at least 4" (102 mm) thick. The shelf is typically made in depths of 12" (305 mm) or 18" (457 mm). Added depth of the 18" (457 mm) shelf provides a convenient writing surface on the customer's side. The installer mounts the frame and shelf, then permanently seals the glazing material with the provided glazing tape.



#### NARROW INSET ALUMINUM FRAME WINDOW WITH 12" (305 MM) SHELF

| CAT. NO.        | FINISH                | OVERALL SIZE (W X H) |
|-----------------|-----------------------|----------------------|
| <b>N1EW12A</b>  | Satin Anodized        | Customer to Specify  |
| <b>N1EW12DU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>N1EW12P</b>  | Custom Powder Painted | Customer to Specify  |
| <b>N1EW12K</b>  | Custom Kynar Painted  | Customer to Specify  |

#### NARROW INSET ALUMINUM FRAME WINDOW WITH 18" (457 MM) SHELF

| CAT. NO.        | FINISH                | OVERALL SIZE (W X H) |
|-----------------|-----------------------|----------------------|
| <b>N1EW18A</b>  | Satin Anodized        | Customer to Specify  |
| <b>N1EW18DU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>N1EW18P</b>  | Custom Powder Painted | Customer to Specify  |
| <b>N1EW18K</b>  | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each.

#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" Level 1 Lexgard (19 mm); 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection, Weather Flap / Drain Hole Options Available. See page T149.

**Instructions Included**

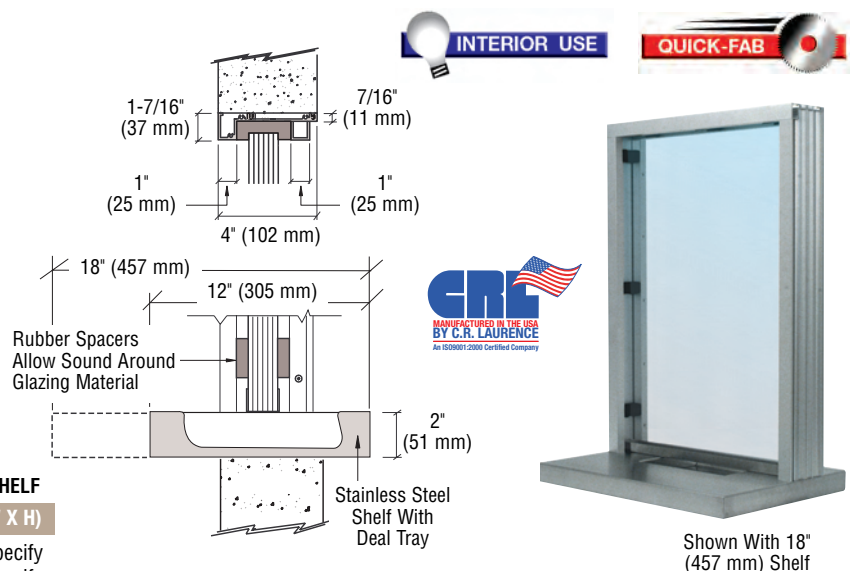
#### PROTECTION LEVELS



### Interior Glazed Exchange Window

#### • Narrow Inset Frame Incorporates Surround Sound and Built-In Non-Ricochet Bullet Resistant Deal Tray

Interior Glazed Narrow Inset Frame Windows with Surround Sound Voice Transmission System and Brushed Stainless Steel Shelf with Non-Ricochet Bullet Resistant Deal Tray. The extruded aluminum frame is intended for installation into walls at least 4" (102 mm) thick. Typical shelf depths are 12" (305 mm) and 18" (457 mm). Added depth of 18" (457 mm) shelf gives customers a convenient writing surface. Securing the frame to the wall requires the removal and installation of the glazing material and spacer blocks.



#### NARROW INSET ALUMINUM FRAME WINDOW WITH 12" (305 MM) SHELF

| CAT. NO.        | FINISH                | OVERALL SIZE (W X H) |
|-----------------|-----------------------|----------------------|
| <b>N11W12A</b>  | Satin Anodized        | Customer to Specify  |
| <b>N11W12DU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>N11W12P</b>  | Custom Powder Painted | Customer to Specify  |
| <b>N11W12K</b>  | Custom Kynar Painted  | Customer to Specify  |

#### NARROW INSET ALUMINUM FRAME WINDOW WITH 18" (457 MM) SHELF

| CAT. NO.        | FINISH                | OVERALL SIZE (W X H) |
|-----------------|-----------------------|----------------------|
| <b>N11W18A</b>  | Satin Anodized        | Customer to Specify  |
| <b>N11W18DU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>N11W18P</b>  | Custom Powder Painted | Customer to Specify  |
| <b>N11W18K</b>  | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each.

#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1" (25 mm) Level 2 Lexgard; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection

**Instructions Included**

#### PROTECTION LEVELS



## CRL Narrow Inset Frame Windows - Aluminum

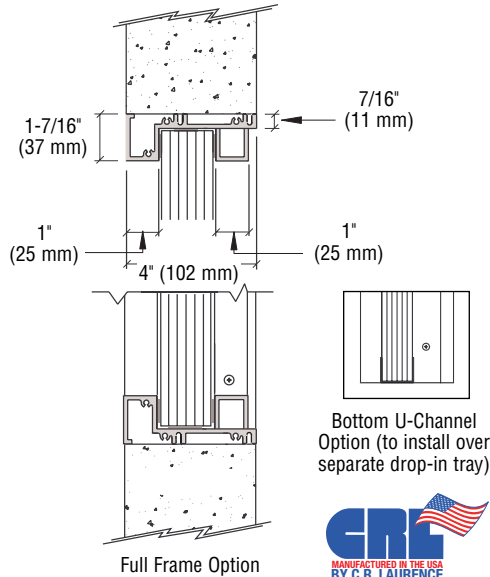
### Exterior Glazed Exchange Window

- **Narrow Inset Frame Vision Window**  
Typically Used Above Built-In Exchange Drawers in Walk-Up Installations
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

Narrow Inset Frame Vision Windows are designed for installation in wall openings having a thickness of at least 4" (102 mm). The frame has a uniform design on all four sides, and the selected glazing material will be sealed into the frame for a weathertight installation. Vision Windows are commonly used as sidelites in Multi-Lite Exchange Windows. Also for installation above built-in Transaction Drawers or Package Receivers. Installer affixes frame to wall opening, then permanently seals glazing material into frame with included glazing tape. Can also be ordered with U-Channel only under glazing to enable access to Drop-In Deal Trays.

| CAT. NO. | FINISH                | OVERALL SIZE (W X H) |
|----------|-----------------------|----------------------|
| N1VEA    | Satin Anodized        | Customer to Specify  |
| N1VEDU   | Duranodic Bronze      | Customer to Specify  |
| N1VEP    | Custom Powder Painted | Customer to Specify  |
| N1VEK    | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each.



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass;  
1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic;  
3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass;  
1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass;  
1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard.

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors  
**Instructions Included**



#### PROTECTION LEVELS



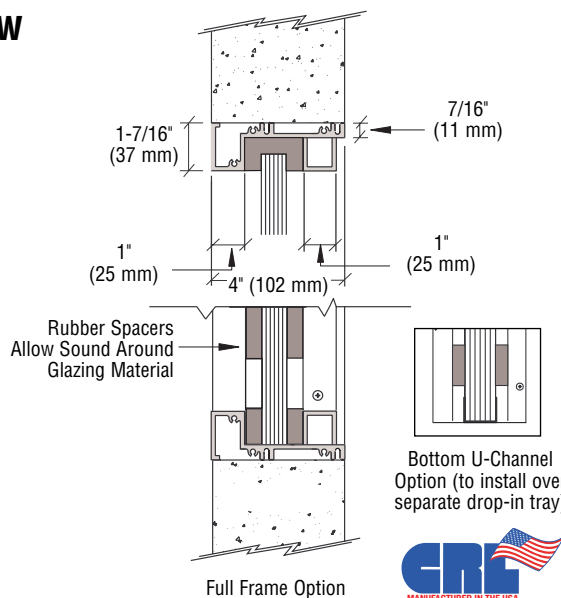
## Interior Glazed Exchange Window

- **Narrow Inset Frame Vision Window With Surround Sound System to Allow Natural Voice Transmission**
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

Narrow Inset Frame Vision Windows with Surround Sound allow natural voice transmission without an installed speak-thru device. Frame is designed for walls at least 4" (102 mm) thick. They are not weathertight, and are recommended for installation only in interior applications. The frame is uniform on four sides. Securing the frame to the wall requires the removal and installation of the glazing material and spacer blocks. Vision Windows are typically installed above built-in Exchange Drawers, or as sidelites in Multi-Lite Exchange Window units. Can also be ordered with U-Channel only under glazing to enable access to Drop-In Deal Trays.

| CAT. NO. | FINISH                | OVERALL SIZE (W X H) |
|----------|-----------------------|----------------------|
| N1V1A    | Satin Anodized        | Customer to Specify  |
| N1V1DU   | Duranodic Bronze      | Customer to Specify  |
| N1V1P    | Custom Powder Painted | Customer to Specify  |
| N1V1K    | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each.



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass;  
1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic;  
3/4" (19 mm) Level 1 Lexgard; 1" (25 mm) Level 2 Lexgard;  
1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard.

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors  
**Instructions Included**



#### PROTECTION LEVELS



For Pricing on CRL Products, Call Toll Free  
(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)



- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

**Frame Material:** .125" (3 mm) Thick Extruded 6063-T5 Aluminum Alloy



For design assistance, please 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. 7760. You can also e-mail us through our web site at [crilaurence.com](mailto:crilaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



Three correct answers are shown, each with a red checkmark:

- 1 ✓
- 2 ✓
- 3 ✓



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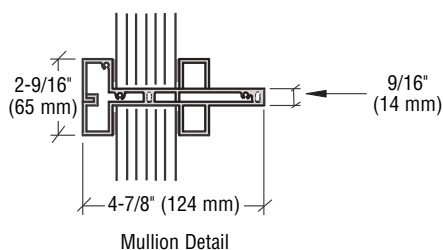
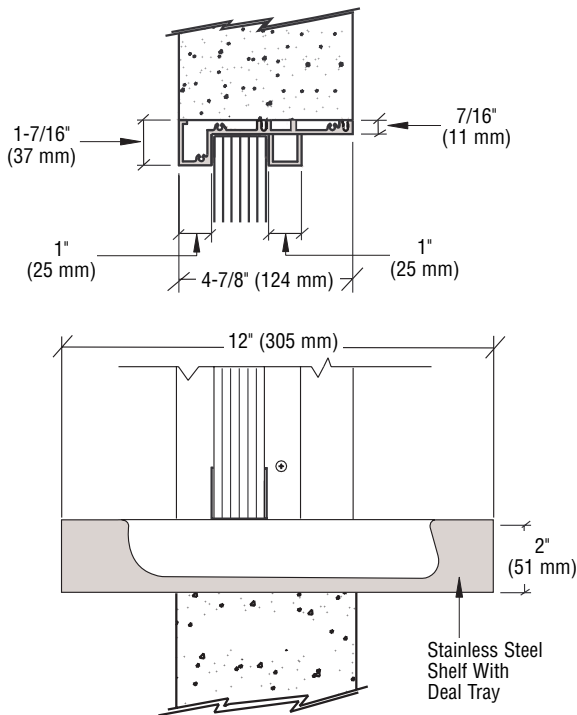


## CRL Standard Inset Frame Windows - Aluminum Multi-Lites, Dropdowns, Returns, and More

- **Standard Inset Multi-Lite Frame**  
With Shelf and Deal Tray Designed for  
Multiple Window Units for Arenas,  
Stadiums, Payment Offices, Theaters, Etc.

Multi-Lite Standard Inset Frame Windows are commonly used for installations with multiple workstations, such as those found in walk-up ticket offices in arenas, stadiums, movie theaters, and museums. Window options include deal trays, speak-thrus, shelves, dropdowns, returns, and more. Standard Inset Frame is designed for installation into walls at least 4-7/8" (124 mm) thick. An overhang is recommended for exterior use.

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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**



### PROTECTION LEVELS



### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection

**Instructions Included**

### MULTI-LITE STANDARD INSET ALUMINUM FRAME WINDOWS

| CAT. NO.      | FINISH                | OVERALL SIZE (W X H) |
|---------------|-----------------------|----------------------|
| <b>S1SWA</b>  | Satin Anodized        | Customer to Specify  |
| <b>S1SWDU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>S1SWP</b>  | Custom Powder Painted | Customer to Specify  |
| <b>S1SWK</b>  | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each.

## CRL Standard Inset Frame Windows - Aluminum

### Exterior Glazed Exchange Window

#### • Standard Inset Frame With Shelf and Built-In Non-Ricochet Bullet Resistant Deal Tray

Exterior Glazed Standard Inset Frame Windows have a Stainless Steel Shelf with Non-Ricochet Bullet Resistant Deal Tray for passing currency, credit cards, tickets, and small articles. The extruded aluminum frame is designed for installation into walls at least 4-7/8" (124 mm) thick. The shelf is typically made in depths of 12" or 18" (305 or 457 mm). The added depth of the 18" (457 mm) shelf provides a convenient writing surface on the customer's side. All windows are shipped with the glazing material temporarily glazed. The installer mounts the frame and shelf, then permanently seals the glazing material with the provided glazing tape.

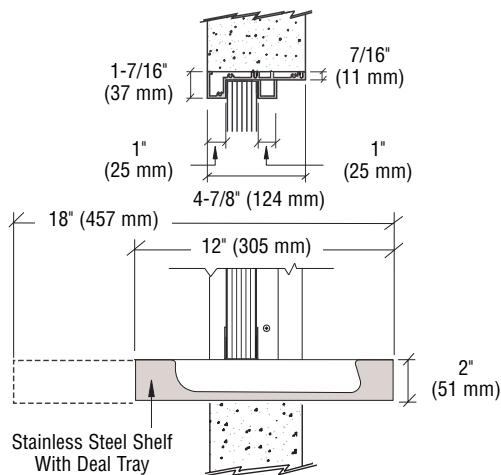
#### STANDARD INSET ALUMINUM FRAME WINDOW WITH 12" (305 MM) SHELF

| CAT. NO.        | FINISH                | OVERALL SIZE (W X H) |
|-----------------|-----------------------|----------------------|
| <b>S1EW12A</b>  | Satin Anodized        | Customer to Specify  |
| <b>S1EW12DU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>S1EW12P</b>  | Custom Powder Painted | Customer to Specify  |
| <b>S1EW12K</b>  | Custom Kynar Painted  | Customer to Specify  |

#### STANDARD INSET ALUMINUM FRAME WINDOW WITH 18" (457 MM) SHELF

| CAT. NO.        | FINISH                | OVERALL SIZE (W X H) |
|-----------------|-----------------------|----------------------|
| <b>S1EW18A</b>  | Satin Anodized        | Customer to Specify  |
| <b>S1EW18DU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>S1EW18P</b>  | Custom Powder Painted | Customer to Specify  |
| <b>S1EW18K</b>  | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each. For stock sizes with 1-1/4" (32 mm) bullet resistant acrylic glazing see page T162.



Stainless Steel Shelf  
With Deal Tray

#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection, Weather Flap/Drain Hole Options Available. See page T149

#### Instructions Included



Shown With Optional  
Cat. No. N666  
Speak-Thru and  
12" (305 mm) Shelf

#### PROTECTION LEVELS



### Interior Glazed Exchange Window

#### • Standard Inset Frame With Shelf and Built-In Non-Ricochet Bullet Resistant Deal Tray Plus Surround Sound

Interior Glazed Standard Inset Frame Windows with Surround Sound Voice Transmission System, plus Brushed Stainless Steel Shelf with Non-Ricochet Bullet Resistant Deal Tray. The extruded aluminum frame is intended for installation into walls at least 4-7/8" (124 mm) thick. Typical shelf depths are 12" and 18" (305 and 457 mm). The 18" (457 mm) shelf gives customers a convenient writing surface. Securing the frame to the wall requires the removal and installation of the glazing material and spacer blocks.

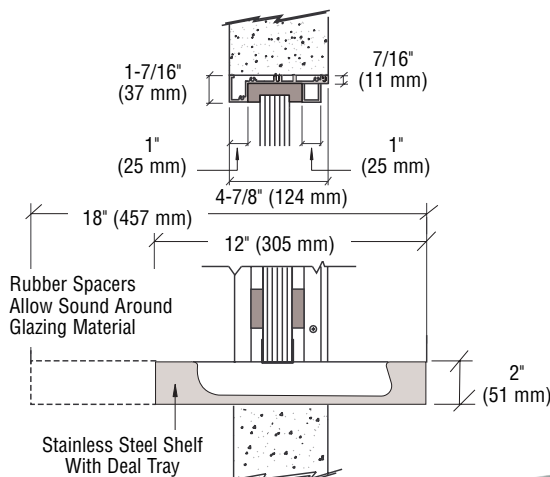
#### STANDARD INSET ALUMINUM FRAME WINDOW WITH 12" (305 MM) SHELF

| CAT. NO.        | FINISH                | OVERALL SIZE (W X H) |
|-----------------|-----------------------|----------------------|
| <b>S11W12A</b>  | Satin Anodized        | Customer to Specify  |
| <b>S11W12DU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>S11W12P</b>  | Custom Powder Painted | Customer to Specify  |
| <b>S11W12K</b>  | Custom Kynar Painted  | Customer to Specify  |

#### STANDARD INSET ALUMINUM FRAME WINDOW WITH 18" (457 MM) SHELF

| CAT. NO.        | FINISH                | OVERALL SIZE (W X H) |
|-----------------|-----------------------|----------------------|
| <b>S11W18A</b>  | Satin Anodized        | Customer to Specify  |
| <b>S11W18DU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>S11W18P</b>  | Custom Powder Painted | Customer to Specify  |
| <b>S11W18K</b>  | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each. For stock sizes with 1-1/4" (32 mm) bullet resistant acrylic glazing see page T162.



Rubber Spacers  
Allow Sound Around  
Glazing Material

Stainless Steel Shelf  
With Deal Tray

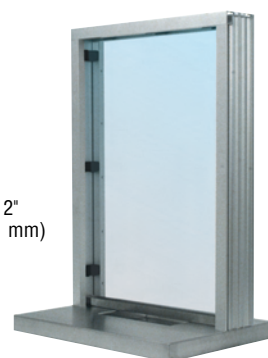
#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection

#### Instructions Included



Shown With 18" (457 mm) Shelf

#### PROTECTION LEVELS

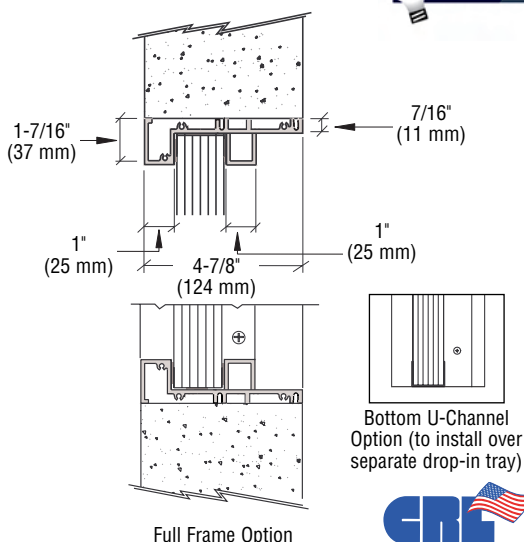


## CRL Standard Inset Frame Windows - Aluminum

### Exterior Glazed Exchange Window

- **Standard Inset Frame Vision Window**  
Typically Used Above Built-In Exchange Drawers in Walk-Up Installations
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

Standard Inset Frame Vision Windows are designed for installation in wall openings that have a thickness of at least 4-7/8" (124 mm). The frame has a uniform design on all four sides, and the selected glazing material will be sealed into the frame for a weather tight installation. Vision Windows are commonly used as sidelites in Multi-Lite Exchange Window units. Also for installation above built-in Transaction Drawers or Package Receivers. Installer affixes frame to wall opening, then permanently seals glazing material into frame with the provided glazing tape.



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors

**Instructions Included**

#### PROTECTION LEVELS



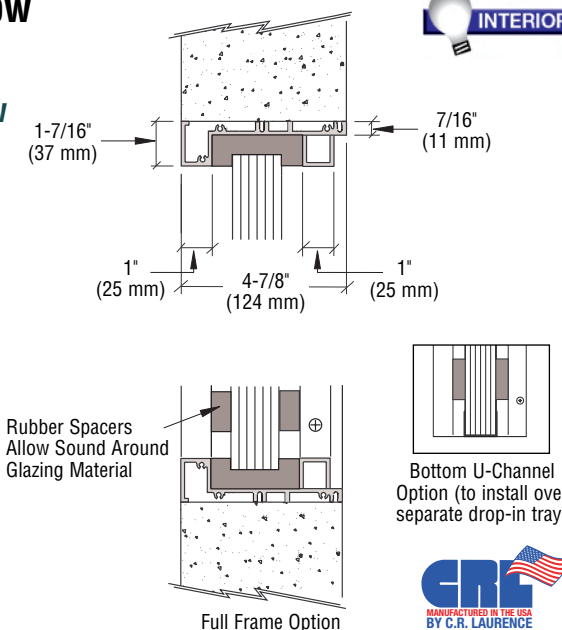
| CAT. NO.      | FINISH                | OVERALL SIZE (W X H) |
|---------------|-----------------------|----------------------|
| <b>S1VEA</b>  | Satin Anodized        | Customer to Specify  |
| <b>S1VEDU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>S1VEP</b>  | Custom Powder Painted | Customer to Specify  |
| <b>S1VEK</b>  | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each.

### Interior Glazed Exchange Window

- **Standard Inset Frame Vision Window**  
With Surround Sound System to Allow Natural Voice Transmission
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

Standard Inset Frame Vision Windows with Surround Sound allow natural voice transmission without an installed speak-thru device. Vision Windows are typically installed above built-in Exchange Drawers, or as sidelites in Multi-Lite Exchange Window units. Frame is designed for walls at least 4-7/8" (124 mm) thick. They are not weather tight, and are recommended for installation only in interior applications. The frame is uniform on four sides. Securing the frame to the wall requires the removal and installation of the glazing material and spacer blocks. Can also be ordered with U-Channel only under glazing to enable access to Drop-In Deal Trays.



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors

**Instructions Included**

#### PROTECTION LEVELS



| CAT. NO.      | FINISH                | OVERALL SIZE (W X H) |
|---------------|-----------------------|----------------------|
| <b>S1V1A</b>  | Satin Anodized        | Customer to Specify  |
| <b>S1V1DU</b> | Duranodic Bronze      | Customer to Specify  |
| <b>S1V1P</b>  | Custom Powder Painted | Customer to Specify  |
| <b>S1V1K</b>  | Custom Kynar Painted  | Customer to Specify  |

Minimum order: 1 each.

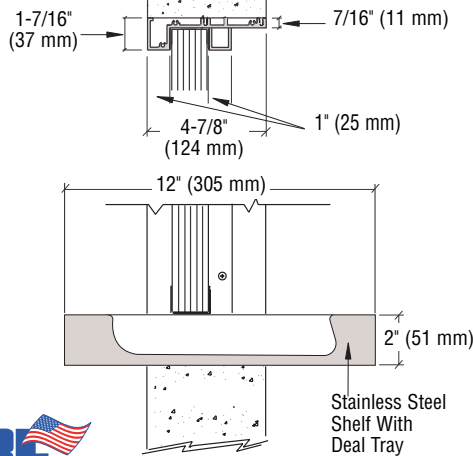


## CRL In Stock, Off-The-Shelf Standard Inset Frame Models

### Window With Bullet Resistant Speak-Thru and Shelf With Deal Tray

- Fits Walls at Least 4-7/8" (124 mm) Thick
- Assembled and Ready to Install

This Standard Inset Frame Exchange Window is designed for walls with a thickness of at least 4-7/8" (124 mm). The unit slides into the opening and is secured by installing screws through the perimeter frame and into the sides of the opening. Window is supplied with a 12" (305 mm) deep Stainless Steel Shelf with built-in Non-Ricochet Bullet Resistant Deal Tray. Glazing is 1-1/4" (32 mm) thick bullet resistant acrylic with a Level 1 protection rating. The Cat. No. N666 Level 3 rated Stainless Steel Speak-Thru allows natural voice transmission (see page T190). An overhang or awning is recommended if used in an exterior application. Two finishes and two sizes are available in stock. Custom units are shown on pages T158-T161.



#### SPECIFICATIONS:

**Materials:** Frame - .125" (3.2 mm) Thick Extruded 6063-T5 Aluminum Alloy; Glazing - 1-1/4" (32 mm) Level 1 Acrylic; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized or Duranodic Bronze; Shelf - Brushed Stainless Steel #4 Finish 16 Gauge

**Speak-Thru:** N666 Level 3 Stainless Steel

**Deal Tray:** Level 1 Protection

**Instructions Included**

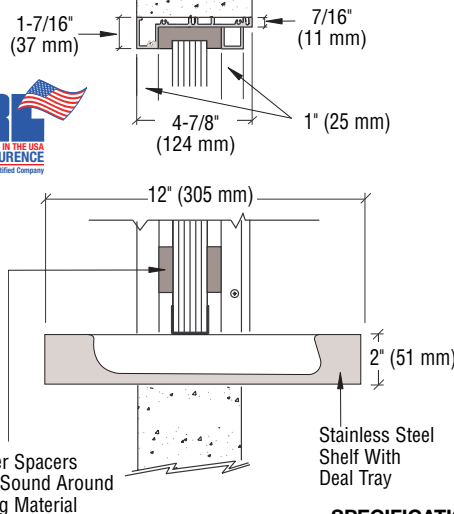
| CAT. NO.          | FINISH           | OVERALL SIZE (W X H)     | WALL OPENING SIZE (W X H)        |
|-------------------|------------------|--------------------------|----------------------------------|
| <b>S1EW2436A</b>  | Satin Anodized   | 24" x 36" (610 x 914 mm) | 24-1/2" x 36-1/4" (622 x 921 mm) |
| <b>S1EW2436DU</b> | Duranodic Bronze | 24" x 36" (610 x 914 mm) | 24-1/2" x 36-1/4" (622 x 921 mm) |
| <b>S1EW3636A</b>  | Satin Anodized   | 36" x 36" (914 x 914 mm) | 36-1/2" x 36-1/4" (927 x 921 mm) |
| <b>S1EW3636DU</b> | Duranodic Bronze | 36" x 36" (914 x 914 mm) | 36-1/2" x 36-1/4" (927 x 921 mm) |

Minimum order: 1 each.

### Interior Window With Surround Sound and Shelf With Deal Tray

- Fits Walls at Least 4-7/8" (124 mm) Thick
- Assembled and Ready to Install

Standard Inset Frame Interior Window with Surround Sound Voice Transmission System incorporates evenly spaced glazing blocks around the perimeter of the window, allowing sound to be transmitted between the blocks. Recommended for interior applications only. Designed for installation in walls at least 4-7/8" (124 mm) thick. Window slides easily into the wall opening and is secured by installing screws through the perimeter frame. Glazing is 1-1/4" (32 mm) thick bullet resistant acrylic rated for Level 1 protection. 12" (305 mm) deep Stainless Steel Shelf has Non-Ricochet Bullet Resistant Deal Tray. Two finishes and two sizes are available in stock. Custom units are shown on pages T158-T161.



#### SPECIFICATIONS:

**Materials:** Frame - .125" (3.2 mm) Thick Extruded 6063-T5 Aluminum Alloy; Glazing - 1-1/4" (32 mm) Level 1 Acrylic; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized or Duranodic Bronze; Shelf - Brushed Stainless Steel #4 Finish 16 Gauge

**Speak-Thru:** Surround Sound System

**Deal Tray:** Level 1 Protection

**Instructions Included**

| CAT. NO.          | FINISH           | OVERALL SIZE (W X H)     | WALL OPENING SIZE (W X H)        |
|-------------------|------------------|--------------------------|----------------------------------|
| <b>S11W2436A</b>  | Satin Anodized   | 24" x 36" (610 x 914 mm) | 24-1/2" x 36-1/4" (622 x 921 mm) |
| <b>S11W2436DU</b> | Duranodic Bronze | 24" x 36" (610 x 914 mm) | 24-1/2" x 36-1/4" (622 x 921 mm) |
| <b>S11W3636A</b>  | Satin Anodized   | 36" x 36" (914 x 914 mm) | 36-1/2" x 36-1/4" (927 x 921 mm) |
| <b>S11W3636DU</b> | Duranodic Bronze | 36" x 36" (914 x 914 mm) | 36-1/2" x 36-1/4" (927 x 921 mm) |

Minimum order: 1 each.

LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

T162 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL Clamp-On Frame Windows - Aluminum

- ① **Clamp-On Frame for Walls Between 5" and 8-1/2" (127 and 216 mm) Thick**
  - ② **Your Choice of Glazing From 1/4" (6 mm) Non-Bullet Resistant Glass to 1-7/8" (48 mm) Level 3 Bullet Resistant Glass**  
(See Page T147 for Glass Details)
  - ③ **Stainless Steel Shelf and Deal Tray Option Shown**  
(See Page T149 for Shelf Details)
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

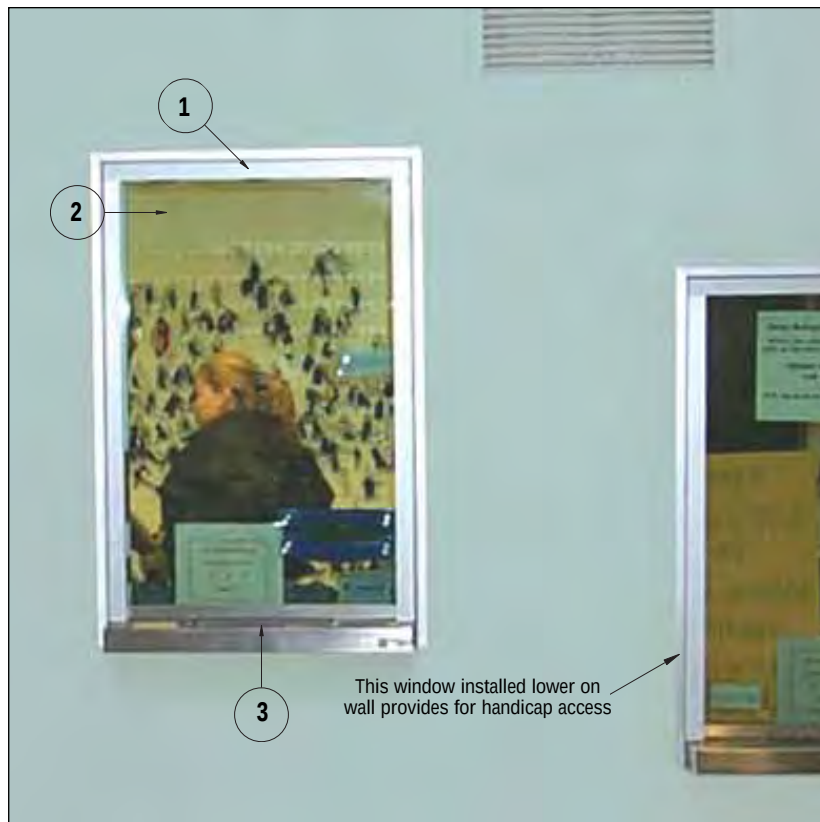
**Frame Description:** Clamp-On Aluminum

**Frame Construction:** Clamp-On Type  
Adjustable for Walls from 5" to 8-1/2"  
(127 to 216 mm) Thick

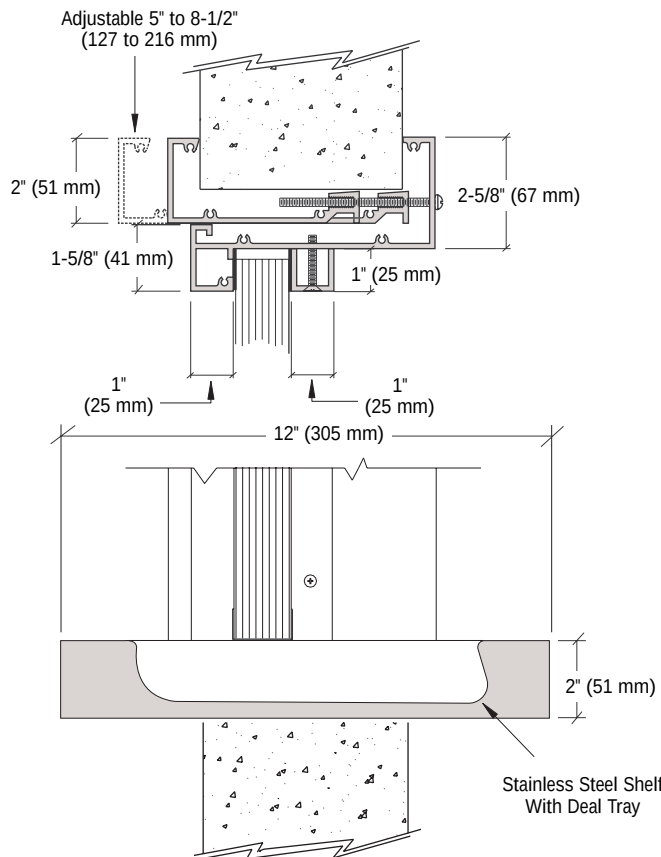
**Frame Material:** .125" (3.2 mm) Thick  
Extruded 6063-T5 Aluminum Alloy

Clamp-On Windows are available in many different configurations; from simple ticket windows as shown in the photograph, to complex multiple station teller windows with drop downs, returns, and more. Different glazing, speak-thrus, and shelf options are available to meet various applications.

For design 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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



Los Angeles International Airport, Los Angeles, CA.



### PROTECTION LEVELS

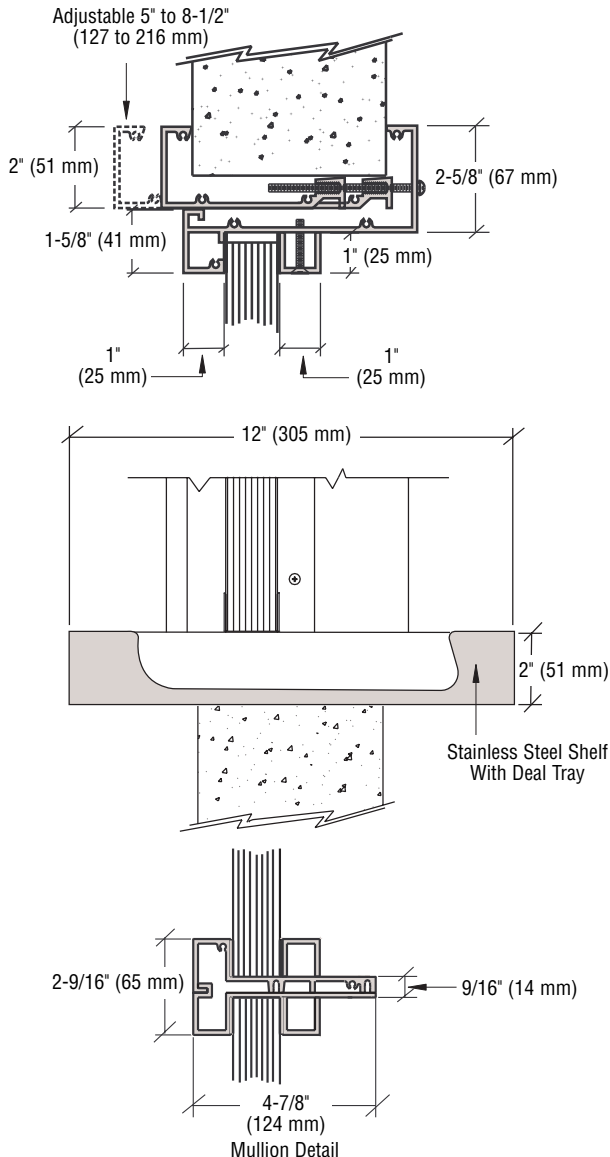


## CRL Clamp-On Frame Windows - Aluminum Multi-Lites, Dropdowns, Returns, and More

- **Clamp-On Frame With Shelf and Deal Tray Designed for Arenas, Stadiums, Theaters, Etc.**
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

Multi-Lite Clamp-On Frame Windows are commonly used for installations with multiple workstations, such as those found in walk-up ticket offices in arenas, stadiums, movie theaters, and check-cashing stores. Window options include speak-thrus, deal trays, shelves, dropdowns, returns, and more. Clamp-On Frame is designed for installation into walls from 5" to 8-1/2" (127 to 216 mm) thick.

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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



### PROTECTION LEVELS



### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors; Shelf-Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection

**Instructions Included**

### MULTI-LITE CLAMP-ON ALUMINUM FRAME WINDOWS

| CAT. NO.      | FINISH                | WALL OPENING SIZE (W X H) |
|---------------|-----------------------|---------------------------|
| <b>COSWA</b>  | Satin Anodized        | Customer to Specify       |
| <b>COSWDU</b> | Duranodic Bronze      | Customer to Specify       |
| <b>COSWP</b>  | Custom Powder Painted | Customer to Specify       |
| <b>COSWK</b>  | Custom Kynar Painted  | Customer to Specify       |

Minimum order: 1 each.

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T164 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA



## CRL Clamp-On Frame Windows - Aluminum

### Exterior Glazed Exchange Window

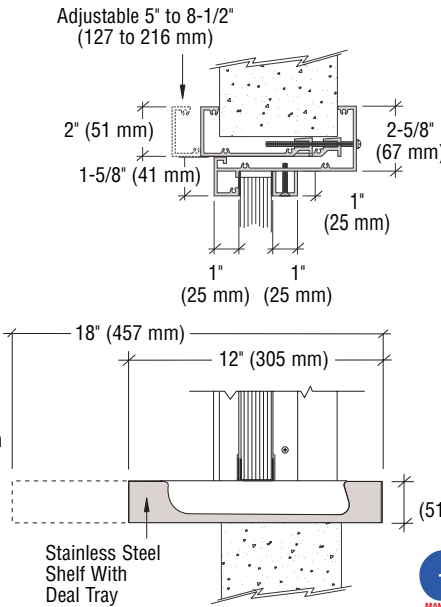
- **Clamp-On Frame With Stainless Steel Shelf and Built-in Non-Ricochet Bullet Resistant Deal Tray**
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**



Exterior Glazed Clamp-On Frame Windows have a Stainless Steel Shelf with Non-Ricochet Bullet Resistant Deal Tray for passing currency, credit cards, tickets, or small articles. The extruded aluminum frame is designed for installation into walls 5" to 8-1/2" (127 to 216 mm) thick. The shelf is typically made in depths of 12" or 18" (305 or 457 mm). The added depth of the 18" (457 mm) shelf provides a convenient writing surface on the customer's side. Tightening screws on the interior side of the frame clamps the window securely in the opening. Customer specifies overall width and height when ordering.

| CAT. NO. | SHELF SIZE   | FINISH                              |
|----------|--------------|-------------------------------------|
| COEW12A  | 12" (305 mm) | Satin Anodized                      |
| COEW12DU | 12" (305 mm) | Duranodic Bronze                    |
| COEW12P  | 12" (305 mm) | Powder Painted, Customer to Specify |
| COEW12K  | 12" (305 mm) | Kynar Painted, Customer to Specify  |
| COEW18A  | 18" (457 mm) | Satin Anodized                      |
| COEW18DU | 18" (457 mm) | Duranodic Bronze                    |
| COEW18P  | 18" (457 mm) | Powder Painted, Customer to Specify |
| COEW18K  | 18" (457 mm) | Kynar Painted, Customer to Specify  |

Minimum order: 1 each.



Shown With Optional  
Cat. No. N666 Speak-Thru  
and 12" (305 mm) Shelf

#### PROTECTION LEVELS



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard.

**Finishes:** Frame - Satin Anodized or Duranodic Bronze; RAL Powder Paint Colors or Custom Kynar Paint Colors; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection, Weather Flap/Drain Hole Options Available See page XXX.

**Instructions Included**

### Interior Glazed Exchange Window

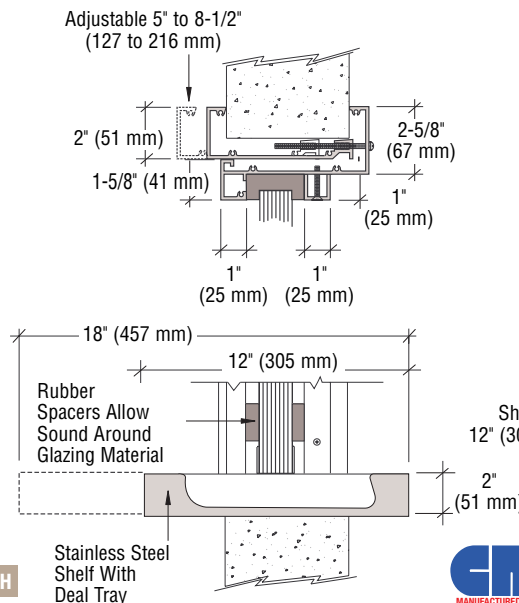
- **Clamp-On Frame Design Incorporates Surround Sound and Built-In Non-Ricochet Bullet Resistant Deal Tray**
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**



Interior Glazed Clamp-On Frame Windows with Surround Sound Voice Transmission System and Brushed Stainless Steel Shelf with Non-Ricochet Bullet Resistant Deal Tray. The extruded aluminum frame is intended for installation into walls 5" to 8-1/2" (127 to 216 mm) thick. Typical shelf depths are 12" and 18" (305 mm and 457 mm). Added depth of the 18" (457 mm) shelf gives customer a convenient writing surface. Tightening screws on the interior side of the frame clamps the window securely in the opening. Customer specifies overall width and height when ordering.

| CAT. NO. | SHELF SIZE   | FINISH                              |
|----------|--------------|-------------------------------------|
| CO1W12A  | 12" (305 mm) | Satin Anodized                      |
| CO1W12DU | 12" (305 mm) | Duranodic Bronze                    |
| CO1W12P  | 12" (305 mm) | Powder Painted, Customer to Specify |
| CO1W12K  | 12" (305 mm) | Kynar Painted, Customer to Specify  |
| CO1W18A  | 18" (457 mm) | Satin Anodized                      |
| CO1W18DU | 18" (457 mm) | Duranodic Bronze                    |
| CO1W18P  | 18" (457 mm) | Powder Painted, Customer to Specify |
| CO1W18K  | 18" (457 mm) | Kynar Painted, Customer to Specify  |

Minimum order: 1 each.



Shown With  
12" (305 mm) Shelf

#### PROTECTION LEVELS



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard.

**Finishes:** Frame - Satin Anodized or Duranodic Bronze; RAL Powder Paint Colors or Custom Kynar Paint Colors; Shelf - Brushed Stainless Steel #4 Finish

**Deal Tray:** Level 1 or Level 3 Protection

**Instructions Included**

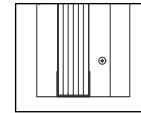
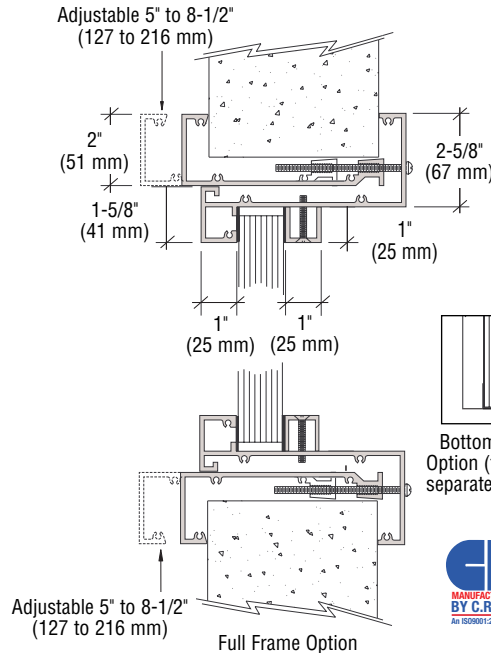
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## CRL Clamp-On Frame Windows - Aluminum

### Exterior Glazed Exchange Window

- **Clamp-On Frame Vision Window**  
Typically Used Above Built-In Exchange Drawers in Walk-Up Installations
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

Clamp-On Frame Vision Windows are designed for installation in wall openings having a thickness from 5" to 8-1/2" (127 to 216 mm). The frame has a uniform design on all four sides, and the selected glazing material will be sealed into the frame for a weather tight installation. Vision Windows are commonly installed above built-in Transaction Drawers or Package Receivers. Tightening screws on the interior side of the frame clamps the window securely in the opening. Can also be ordered with U-Channel only under the glazing to enable access to Drop-In Deal Trays. Customer specifies overall width and height when ordering.



Bottom U-Channel  
Option (to install over  
separate drop-in tray)

#### PROTECTION LEVELS



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard.

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors

**Instructions Included**

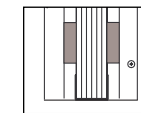
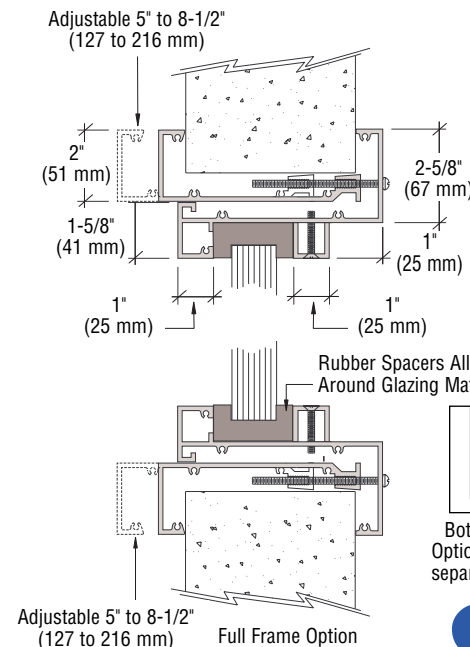
| CAT. NO. | FINISH                              |
|----------|-------------------------------------|
| COVEA    | Satin Anodized                      |
| COVEDU   | Duranodic Bronze                    |
| COVEP    | Powder Painted, Customer to Specify |
| COVEK    | Kynar Painted, Customer to Specify  |

Minimum order: 1 each.

### Interior Glazed Exchange Window

- **Clamp-On Frame Vision Window**  
With Surround Sound System  
to Allow Natural Voice Transmission
- **Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)**

Clamp-On Frame Vision Windows with Surround Sound allow natural voice transmission without an installed speak-thru device. Frame is designed for walls 5" to 8-1/2" (127 to 216 mm) thick. They are not weather tight, and recommended for installation only in interior applications. The frame is uniform on four sides. Tightening screws on the interior side of the frame clamps the window securely in the opening. Vision Windows are typically installed above built-in Exchange Drawers. Can also be ordered with U-Channel only under the glazing to enable access to Drop-In Deal Trays. Customer specifies overall width and height when ordering.



Bottom U-Channel  
Option (to install over  
separate drop-in tray)

#### PROTECTION LEVELS



#### SPECIFICATIONS:

**Materials:** Glazing - 1/4" (6 mm) Glass; 1-5/16" (33 mm) Level 1 Glass; 1-1/4" (32 mm) Level 1 Acrylic; 3/4" (19 mm) Level 1 Lexgard; 1-3/8" (35 mm) Level 2 Glass; 1" (25 mm) Level 2 Lexgard; 1-7/8" (48 mm) Level 3 Glass; 1-3/16" (30 mm) Level 3 Glass Clad Polycarbonate; 1-1/4" (32 mm) Level 3 Lexgard.

**Finishes:** Frame - Satin Anodized, Duranodic Bronze, RAL Powder Paint Colors or Custom Kynar Paint Colors

**Instructions Included**

| CAT. NO. | FINISH                              |
|----------|-------------------------------------|
| COV1A    | Satin Anodized                      |
| COV1DU   | Duranodic Bronze                    |
| COV1P    | Powder Painted, Customer to Specify |
| COV1K    | Kynar Painted, Customer to Specify  |

Minimum order: 1 each.

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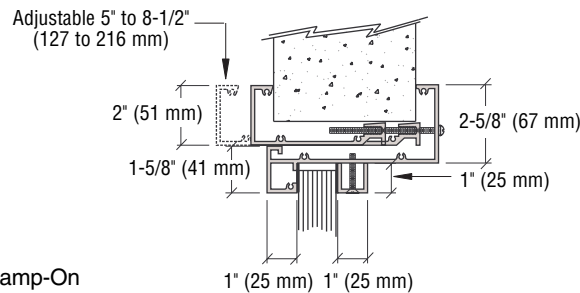
T166 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL In Stock, Off-The-Shelf Clamp-On Frame Models

### Window With Bullet Resistant Speak-Thru and Shelf With Deal Tray

- Fits Walls From 5" to 8-1/2" (127 to 216 mm) Thick
- Assembled and Ready to Install
- Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)

This Bullet Resistant Exchange Window uses a Clamp-On Frame designed for installation into wall openings that are 5" to 8-1/2" (127 to 216 mm) thick. The window is secured in the opening by tightening the interior side of the frame to the unit. Each window comes complete with a 12" (305 mm) deep Stainless Steel Shelf with a Non-Ricochet Bullet Resistant Deal Tray. The 1-1/4" (32 mm) thick bullet resistant acrylic is rated for Level 1 protection. A Cat. No. N666 Speak-Thru is built into the acrylic, and offers Level 3 protection while allowing natural voice transmission (see page T190). An overhang is recommended if used in an exterior application. Two finishes are available in stock. Custom units are shown on pages T163 -T166.



#### SPECIFICATIONS:

**Materials:** Frame - .125" (3.2 mm) Thick Extruded 6063-T5 Aluminum Alloy; Glazing - 1-1/4" (32 mm) Level 1 Acrylic; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized or Duranodic Bronze; Shelf - Brushed Stainless Steel #4 Finish

**Speak-Thru:** N666 Level 3 Stainless Steel

**Deal Tray:** Level 1 Protection

**Instructions Included**

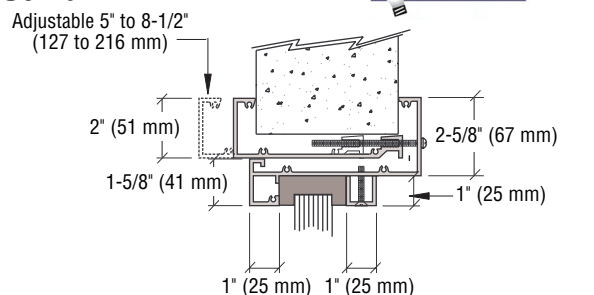
| CAT. NO.   | FINISH           | OVERALL SIZE (W X H)      | WALL OPENING SIZE (W X H)    |
|------------|------------------|---------------------------|------------------------------|
| COEW2436A  | Satin Anodized   | 28" x 38" (711 x 965 mm)  | 25-3/4" x 37" (654 x 940 mm) |
| COEW2436DU | Duranodic Bronze | 28" x 38" (711 x 965 mm)  | 25-3/4" x 37" (654 x 940 mm) |
| COEW3636A  | Satin Anodized   | 40" x 38" (1016 x 965 mm) | 37-3/4" x 37" (959 x 940 mm) |
| COEW3636DU | Duranodic Bronze | 40" x 38" (1016 x 965 mm) | 37-3/4" x 37" (959 x 940 mm) |

Minimum order: 1 each.

### Interior Window With Surround Sound and Shelf With Deal Tray

- Fits Walls From 5" to 8-1/2" (127 to 216 mm) Thick
- Assembled and Ready to Install
- Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)

This Clamp-On Frame Interior Window uses the Surround Sound Voice Transmission System for unobstructed viewing through the glazing material. Designed for installation in wall thicknesses from 5" to 8-1/2" (127 to 216 mm). Screws fastened through the interior side of the frame clamp the window securely in the opening. Supplied with a 12" (305 mm) deep Stainless Steel Shelf with Non-Ricochet Bullet Resistant Deal Tray. Glazing is 1-1/4" (32 mm) thick bullet resistant acrylic rated for Level 1 protection. Two finishes are supplied in two stock sizes. Custom units are shown on pages T163 -T166.



#### SPECIFICATIONS:

**Materials:** Frame - .125" (3.2 mm) Thick Extruded 6063-T5 Aluminum Alloy; Glazing - 1-1/4" (32 mm) Level 1 Acrylic; Shelf - Stainless Steel

**Finishes:** Frame - Satin Anodized or Duranodic Bronze; Shelf - Brushed Stainless Steel #4 Finish

**Speak-Thru:** Surround Sound System

**Deal Tray:** Level 1 Protection

**Instructions Included**

| CAT. NO.   | FINISH           | OVERALL SIZE (W X H)      | WALL OPENING SIZE (W X H)    |
|------------|------------------|---------------------------|------------------------------|
| C01W2436A  | Satin Anodized   | 28" x 38" (711 x 965 mm)  | 25-3/4" x 37" (654 x 940 mm) |
| C01W2436DU | Duranodic Bronze | 28" x 38" (711 x 965 mm)  | 25-3/4" x 37" (654 x 940 mm) |
| C01W3636A  | Satin Anodized   | 40" x 38" (1016 x 965 mm) | 37-3/4" x 37" (959 x 940 mm) |
| C01W3636DU | Duranodic Bronze | 40" x 38" (1016 x 965 mm) | 37-3/4" x 37" (959 x 940 mm) |

Minimum order: 1 each.



## CRL Bullet Resistant Sliding Windows Exterior Windows

- Each Window is Custom Fabricated to Fit the Opening
- Fully Weatherized for Exterior Use
- Thumbturn Lock With Locked/Unlocked Indicator Included
- Level 1 Bullet Resistance
- Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)

Our Bullet Resistant Sliding Windows offer nighttime protection and allow daytime "business as usual" conditions to conduct transactions. These windows can be opened during daylight business hours, and closed at night when most crimes are committed. Bullet resistant protection is provided only in the closed position. Customer specifies overall width and height when ordering.

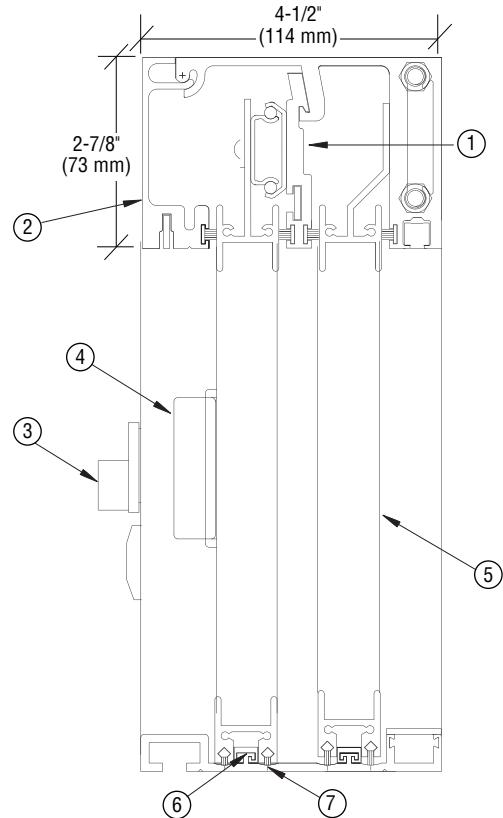
4-1/2"  
(114 mm)  
Open Back  
Aluminum Frame



Full Bottom  
Track Included



- ① Heavy-Duty Anti-Lift Ball Bearing Carrier
- ② Removable Header Access Panel
- ③ Thumbturn Lock with Locked/Unlocked Indicator
- ④ Self-Latching Handle
- ⑤ 3/4" (19 mm) Bullet Resistant Level 1 Lexgard
- ⑥ Vinyl Track (No Metal-to-Metal Rubbing)
- ⑦ Poly-Pile Weatherstripping



Typical application including a Bullet Resistant Sliding Window, along with surrounding fixed bullet resistant frames and glazing to provide a secure environment.

### SPECIFICATIONS:

**Material:** .125" (3 mm) Thick Extruded 6063-T5 Aluminum Alloy

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted Colors or Custom Kynar Painted Colors

**Glazing:** 3/4" (19 mm) Level 1 Lexgard

**Options:** Stainless Steel Counter; Deal Tray; Burglar Bar

**Configurations\*:** 0X or X0, 0X0, X0X

\* Determined from Clerk's Side: X = Sliding Panel; 0 = Fixed Panel



### PROTECTION LEVEL



| CAT. NO.         | BULLET RESISTANCE | FINISH                |
|------------------|-------------------|-----------------------|
| <b>SBRWEXA1</b>  | Level 1           | Satin Anodized        |
| <b>SBRWEXDU1</b> | Level 1           | Duranodic Bronze      |
| <b>SBRWEXP1</b>  | Level 1           | Custom Powder Painted |
| <b>SBRWEXK1</b>  | Level 1           | Custom Kynar Painted  |

Minimum order: 1 each.

## CRL Bullet Resistant Sliding Windows

### Interior Windows

- Each Window is Custom Fabricated to Fit the Opening
- Features Include Easy Rolling Overhead Ball Bearing Carrier and Self-Latching Handle
- Can Be Used "Business as Usual" During Daytime, Closed at Night for Protection
- Available in Level 1 or Level 3 Bullet Resistance
- Drawings and Specifications are Available Online at [crlaurence.com](http://crlaurence.com)



#### PROTECTION LEVELS

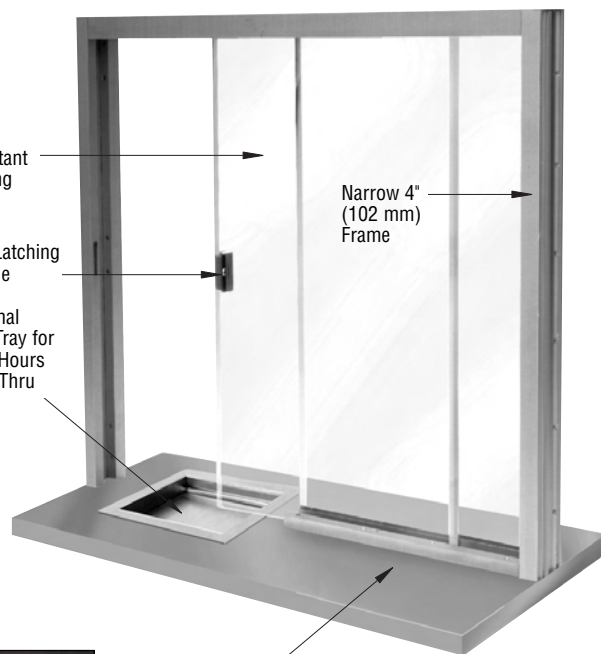


Bullet Resistant Glazing

Self-Latching Handle

Optional Deal Tray for After Hours Pass-Thru

Narrow 4" (102 mm) Frame



Optional Laminated or Stainless Steel Counter

Amoco Convenience Store, Atlanta, GA. Installation by Binswanger Glass, Smyrna, GA



The clerk at this convenience store opens the Bullet Resistant Sliding Window for "business as usual" during the day. At night, the clerk closes the window for maximum protection.

#### SPECIFICATIONS:

**Material:** .125" (3 mm) Thick Extruded 6063-T5 Aluminum Alloy

**Finishes:** Satin Anodized, Duranodic Bronze, RAL Powder Painted Colors or Custom Kynar Painted Colors

**Glazing:** 1-1/4" (32 mm) Level 1 Acrylic; 1-1/4" (32 mm) Level 3 Lexgard

**Options:** Laminated or Stainless Steel Counter; Deal Tray; Speak-Thru; Keyed Lock; Burglar Bar, Surrounding Fixed Lites

**Configurations\*:** 0X or X0, 0X0, X0X

\* Determined from Clerk's Side: X = Sliding Panel; 0 = Fixed Panel

① Narrow Header

② Heavy-Duty Anti-Lift Ball Bearing Carrier

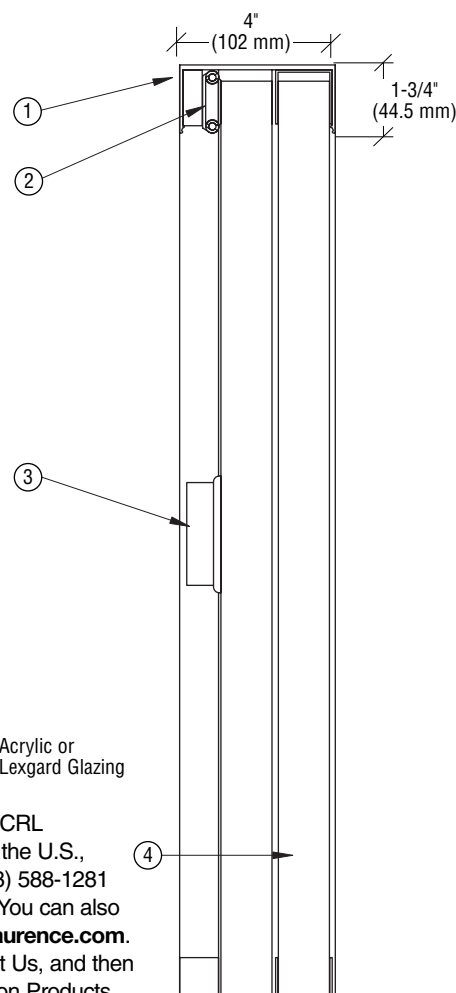
③ Self-Latching Handle

④ 1-1/4" (32 mm) Level 1 Acrylic or 1-1/4" (32 mm) Level 3 Lexgard Glazing

| CAT. NO. | BULLET RESISTANCE | FINISH                              |
|----------|-------------------|-------------------------------------|
| SBRWA1   | Level 1           | Satin Anodized                      |
| SBRWDU1  | Level 1           | Duranodic Bronze                    |
| SBRWP1   | Level 1           | Powder Painted, Customer to Specify |
| SBRWK1   | Level 1           | Kynar Painted, Customer to Specify  |
| SBRWA3   | Level 3           | Satin Anodized                      |
| SBRWDU3  | Level 3           | Duranodic Bronze                    |
| SBRWP3   | Level 3           | Powder Painted, Customer to Specify |
| SBRWK3   | Level 3           | Kynar Painted, Customer to Specify  |

Minimum order: 1 each.

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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



## CRL Combination Exchange Windows

- Choice of Clear Package Receiver or Rotary Server for Passing Larger Articles
- Shelf Has Non-Ricochet Bullet Resistant Deal Tray
- Incorporates Surround Sound Voice Transmission System

Combination Exchange Windows are two-lite units, one full height and one secured above the package pass-thru. The 36" x 36" (914 x 914 mm) standard size unit is available with a choice of Clear Package Receiver or Rotary Server. The 18" (457 mm) deep bullet resistant shelf is covered with a black plastic laminate. Both units come with a Level 1 Non-Ricochet Bullet Resistant Deal Tray. Perimeter frame is our Standard Inset Frame, and requires a wall thickness of at least 4-7/8" (124 mm). Glazing is 1-1/4" (32 mm) bullet resistant Level 1 Acrylic. Available frame finishes are satin anodized or duranodic bronze. Voice transmission is accomplished with Surround Sound. The standard unit is recommended for interior use. Exterior models and custom sizes are available on special order.

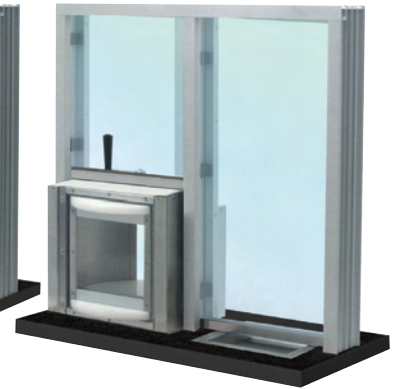
| SATIN ANODIZED<br>CAT. NO. | DURANODIC BRONZE<br>CAT. NO. | PASS-THRU<br>DEVICE    | SIZE<br>(W X H)          |
|----------------------------|------------------------------|------------------------|--------------------------|
| CEW3636CPRA                | CEW3636CPRDU                 | Clear Package Receiver | 36" x 36" (914 x 914 mm) |
| CEW3636RSA                 | CEW3636RSDU                  | Rotary Server          | 36" x 36" (914 x 914 mm) |

Minimum order: 1 each.

With Clear Package Receiver



With Rotary Server



Left Hand Models as  
Illustrated are Standard  
(Viewed from Customer's Side)

### PROTECTION LEVEL



### SPECIFICATIONS:

**Materials:** Frame - .125" (3 mm) Thick Extruded 6063-T5 Aluminum Alloy; Deal Tray: Stainless Steel; Shelf - Wood with Black Plastic Laminate Surface  
**Glazing:** 1-1/4" (32 mm) Level 1 Acrylic  
**Finishes:** Frame - Satin Anodized or Duranodic Bronze; Deal Tray - Brushed Stainless Steel; Shelf - Black  
**Deal Tray:** Level 1 Protection  
**Instructions Included**

## CRL Night Service Window

- Glazed With 1-1/4" (32 mm) Bullet Resistant Level 1 Acrylic
- Stainless Steel Shelf With Non-Ricochet Bullet Resistant Tray

Our Night Service Window is of the kind frequently used for motel registration or 24 hour service station windows. The 16 gauge stainless steel housing is glazed with 1-1/4" (32 mm) bullet resistant acrylic. This is mounted on a 16 gauge stainless steel shelf that measures 14-3/16" (360 mm) wide x 18" (457 mm) deep x 2" (51 mm) thick. The shelf has a Non-Ricochet Bullet Resistant Tray for passing cash, credit cards, keys, etc. The entire unit slides into a wall opening roughly 14-3/4" (375 mm) wide x 20" (508 mm) high. The flange surrounding the wall opening is 2" (51 mm) wide. Custom size units are available to suit your needs. The Standard unit does not have a speak-thru. Voice transmission is via the cash tray. An overhang is recommended for exterior use.

### SPECIFICATIONS:

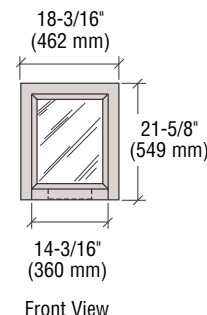
**Materials:** 16 Gauge Stainless Steel; Clear Acrylic  
**Glazing:** 1-1/4" (32 mm) Level 1 Acrylic  
**Finish:** Brushed Stainless Steel #4 Finish  
**Deal Tray:** Level 1 Protection  
**Instructions Included**

| CAT. NO. | OVERALL SIZE (W X D X H)                      | WALL OPENING SIZE (W X H)    |
|----------|-----------------------------------------------|------------------------------|
| SW101N   | 18-3/16" x 18" x 21-5/8" (462 x 457 x 549 mm) | 14-3/4" x 20" (375 x 508 mm) |

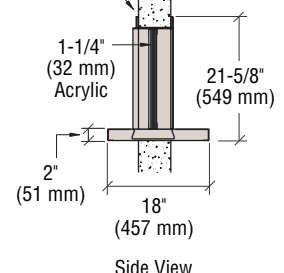
Minimum order: 1 each.



### PROTECTION LEVEL



Frame Accommodates Wall Thickness  
from 4" to 8-1/2" (102 mm to 216 mm)





# CRL BULLET RESISTANT WINDOWS

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PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA | T171

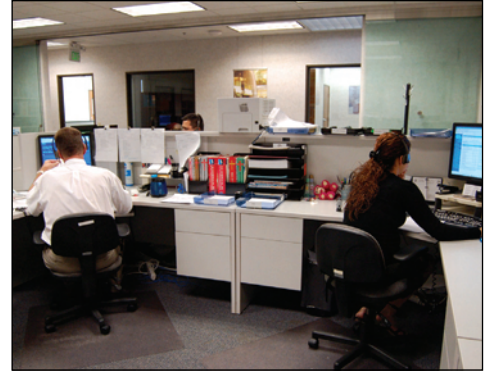


## CRL Transparent Bullet Resistant Barrier System

- CRL Can Design and Fabricate a Complete System to Your Needs, or You Can Purchase Components and Build Your Own
- Banks • Casino Cages • Check Cashing • Convenience Stores
- Government Offices • Motels • Pharmacies • Police Stations



King Street Center, Seattle, WA - Installation by Hillstrom Cabinets

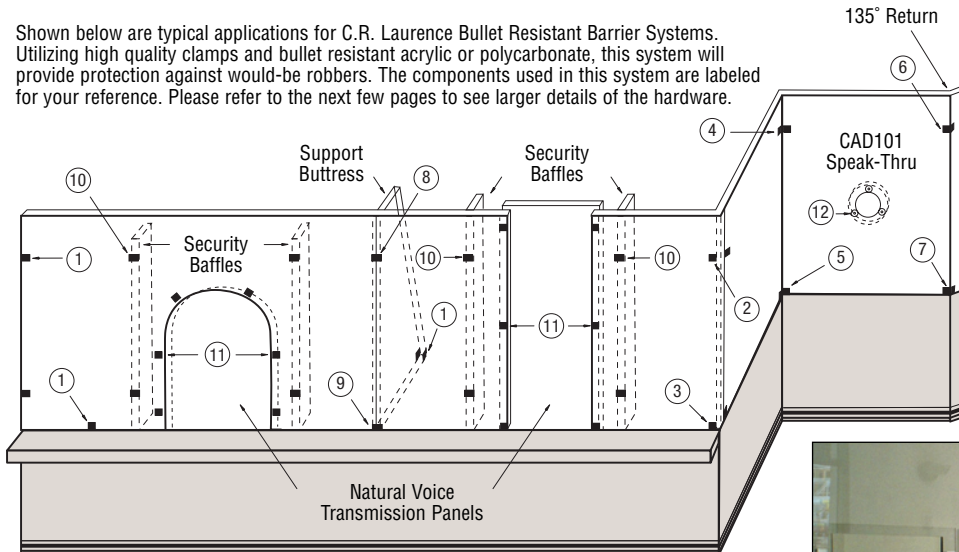


For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

Transparent Bullet Resistant Barrier Systems provide deterrence to would-be robbers. Many different designs can be created depending on your needs. Ten different clamps are available to accommodate most installations. Two-Piece Snap Together Sash and U-Channel are also available to secure the barrier to the counter and walls (see page T176).

Our in-house diamond edger can finish Acrylic or Lexgard Panels to provide flat edges with a beautiful water clear finish. Complete systems are available, or you can purchase components separately. Custom clamps and special finishes are available on special order.

Shown below are typical applications for C.R. Laurence Bullet Resistant Barrier Systems. Utilizing high quality clamps and bullet resistant acrylic or polycarbonate, this system will provide protection against would-be robbers. The components used in this system are labeled for your reference. Please refer to the next few pages to see larger details of the hardware.



| CAT. NO. | DESCRIPTION                               | POSITION |
|----------|-------------------------------------------|----------|
| PB001    | U-Clamp                                   | 1        |
| PB002    | 90 Degree Outside Top or Mid-Mount Clamp  | 2        |
| PB003    | 90 Degree Outside Bottom Mount Clamp      | 3        |
| PB004    | 90 Degree Inside Top or Mid-Mount Clamp   | 4        |
| PB005    | 90 Degree Inside Bottom Mount Clamp       | 5        |
| PB006    | 135 Degree Outside Top or Mid-Mount Clamp | 6        |
| PB007    | 135 Degree Outside Bottom Mount Clamp     | 7        |
| PB008    | Top or Mid-Mount T-Clamp                  | 8        |
| PB009    | Bottom Mount T-Clamp                      | 9        |
| PB010    | Buttress or Baffle Clamp                  | 10       |
| PB011    | Surround Sound Spacer                     | 11       |
| CDS3S    | Surround Sound Studs                      | 12       |

See the following pages for details on individual Clamps.



Seattle Justice Center, WA - Installation by JS Perrott & Co.

### CUSTOM BARRIER SYSTEMS

| CAT. NO. | BULLET RESISTANCE | DESIGN  | GLAZING                |
|----------|-------------------|---------|------------------------|
| PBS1     | Level 1           | Specify | Acrylic 1-1/4" (32 mm) |
| PBS3     | Level 3           | Specify | Lexgard 1-1/4" (32 mm) |

Minimum order: 1 each.

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T172 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA



## CRL Bullet Resistant Protective Barrier Clamps

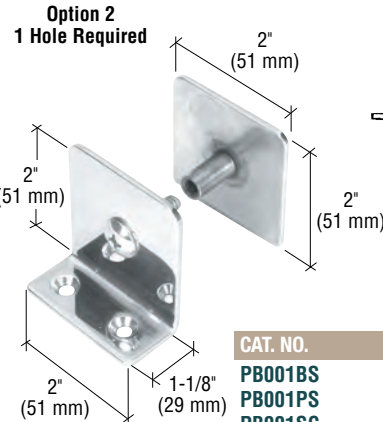
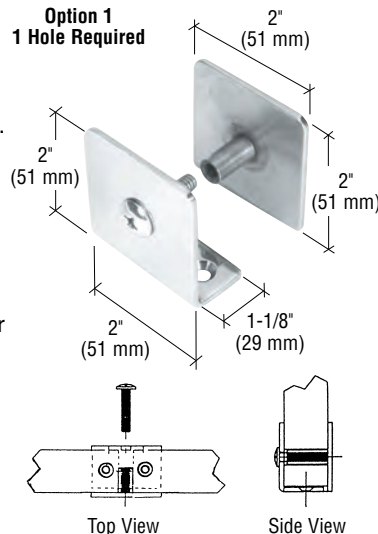
### • Create Your Own Complete Barrier System With CRL Components

CRL Protective Barrier Clamps are made to secure bullet resistant barrier systems in high-security applications. All clamps are made of high quality stainless steel to provide reliable security, are available in a variety of finishes, and provide an attractive design to your installation. Custom Clamps are available on special order for 3/4" (19 mm) thick glazing material.

### U-Clamp

This U-Clamp is made to secure bullet resistant acrylic or polycarbonate. U-Clamps are made to mount directly to the wall, ceiling or counter. One screw secures the glazing material, and two screws secure the clamp to the surface.

Two different mounting options are available. Option 1 requires a notch for the base mounting plate if the glazing material is to sit flush on the surface. If glazing material is not notched for the base mounting plate an 1/8" (3 mm) gap will be created. Option 2 does not require notch to have the glazing material sit flush on the surface.



#### SPECIFICATIONS:

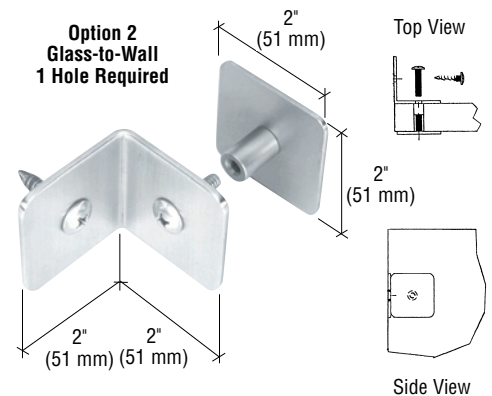
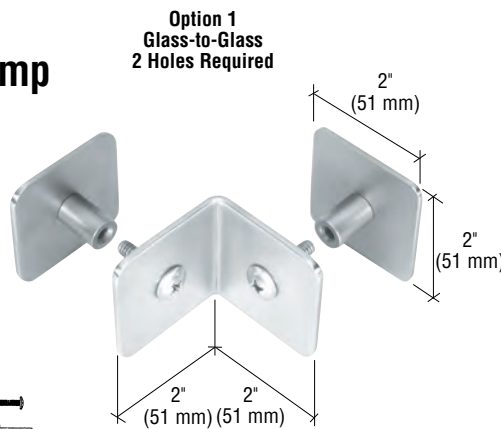
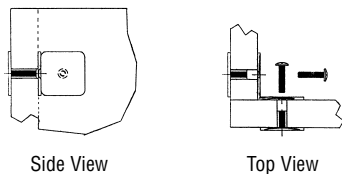
**Material:** 11 Gauge Stainless Steel  
**Finishes:** Brushed Stainless, Polished Stainless, Satin Chrome  
**Glazing:** Use with 1-1/4" (32 mm) Acrylic or 1-1/4" (32 mm) Polycarbonate  
**Includes:** Mounting Screws, Instructions  
**Glass Fabrication:** 3/4" (19 mm) hole required.

| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB001BS  | Brushed Stainless  |
| PB001PS  | Polished Stainless |
| PB001SC  | Satin Chrome       |

Minimum order: 1 each. \* Other finishes are available on special order.

### 90 Degree Top or Mid-Mount Outside Clamp

This 90 Degree Top or Mid-Mount Outside Clamp has two different mounting options. Option 1 is used in a glass-to-glass installation. Option 2 is used in a glass-to-wall installation.

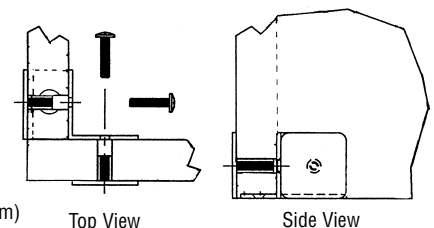
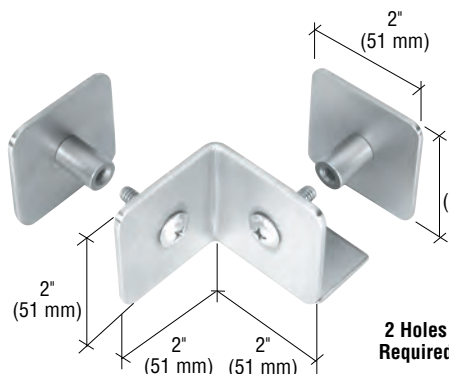


| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB002BS  | Brushed Stainless  |
| PB002PS  | Polished Stainless |
| PB002SC  | Satin Chrome       |

Minimum order: 1 each. \* Other finishes are available on special order.

### 90 Degree Bottom Mount Outside Clamp

This 90 Degree Bottom Mount Outside Clamp is made to secure bullet resistant acrylic or polycarbonate to the counter surface. Two screws secure the glazing material, and one screw secures the clamp to the counter surface. If the glazing material will sit flush on the counter, a notch for the base mounting plate is required. If the glazing material is not notched for the base mounting plate an 1/8" (3 mm) gap will be created.



| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB003BS  | Brushed Stainless  |
| PB003PS  | Polished Stainless |
| PB003SC  | Satin Chrome       |

Minimum order: 1 each. \* Other finishes are available on special order.

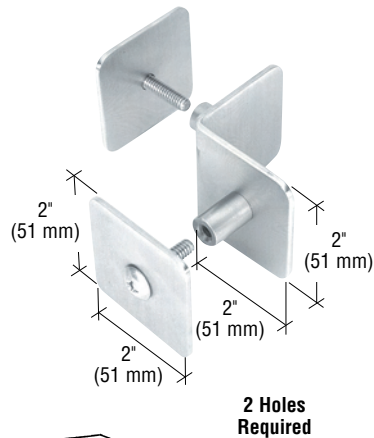




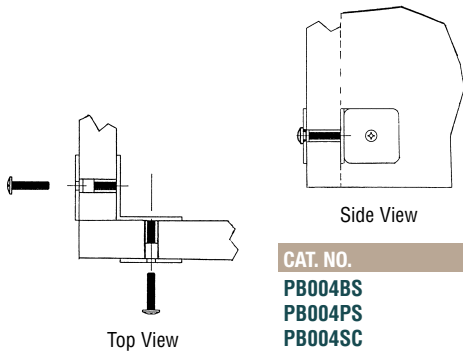
## CRL Bullet Resistant Protective Barrier Clamps

### 90 Degree Top or Mid-Mount Inside Clamp

This 90 Degree Top or Mid-Mount Inside Clamp is made to secure bullet resistant acrylic or polycarbonate. Two screws secure the glazing material to the clamp.



2 Holes  
Required

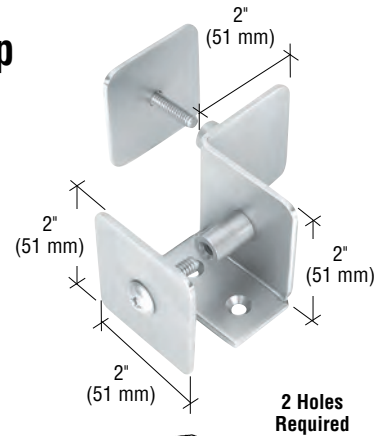


| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB004BS  | Brushed Stainless  |
| PB004PS  | Polished Stainless |
| PB004SC  | Satin Chrome       |

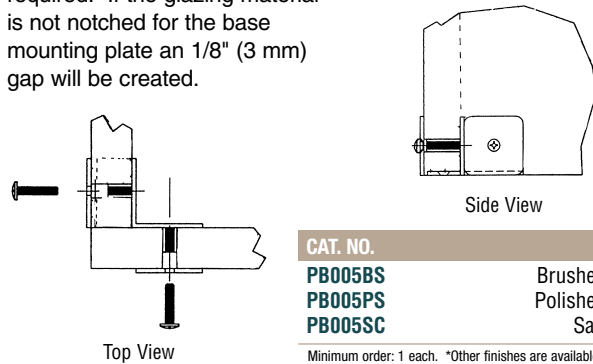
Minimum order: 1 each. \*Other finishes are available on special order.

### 90 Degree Bottom Mount Inside Clamp

This 90 Degree Bottom Mount Inside Clamp is made to secure bullet resistant acrylic or polycarbonate to the counter surface. Two screws secure the clamp to the glazing material, and two screws secure the clamp to the counter surface. For the glazing material to sit flush on the counter, a notch for the base mounting plate is required. If the glazing material is not notched for the base mounting plate an 1/8" (3 mm) gap will be created.



2 Holes  
Required

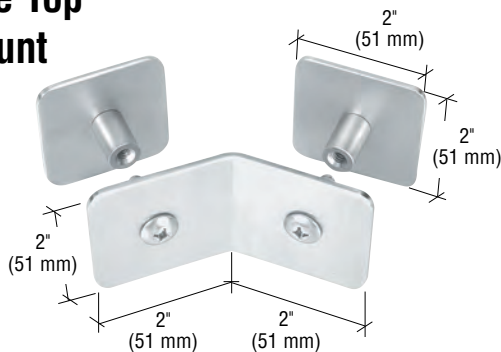


| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB005BS  | Brushed Stainless  |
| PB005PS  | Polished Stainless |
| PB005SC  | Satin Chrome       |

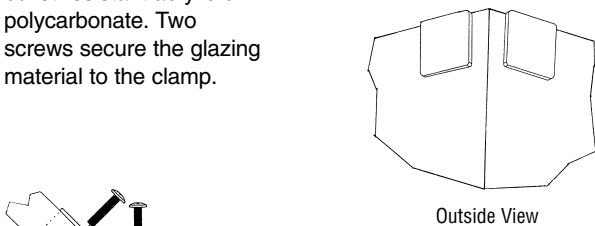
Minimum order: 1 each. \*Other finishes are available on special order.

### 135 Degree Top or Mid-Mount Outside Clamp

This 135 Degree Outside Top or Mid-Mount Clamp is made to secure bullet resistant acrylic or polycarbonate. Two screws secure the glazing material to the clamp.



2 Holes  
Required

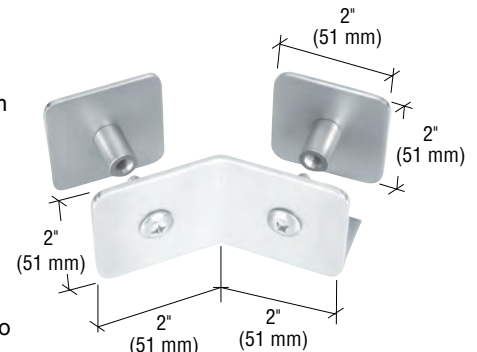


| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB006BS  | Brushed Stainless  |
| PB006PS  | Polished Stainless |
| PB006SC  | Satin Chrome       |

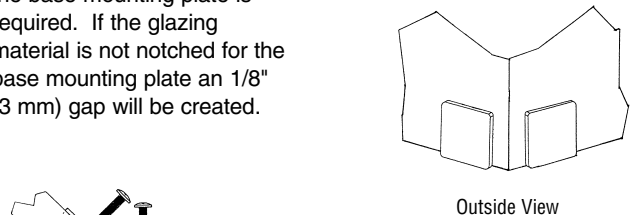
Minimum order: 1 each. \*Other finishes are available on special order.

### 135 Degree Bottom Mount Outside Clamp

This 135 Degree Bottom Mount Outside Clamp is made to secure bullet resistant acrylic or polycarbonate to the counter surface. Two screws secure the glazing material, and two screws secure the clamp to the counter surface. If the glazing material will sit flush on the counter, a notch for the base mounting plate is required. If the glazing material is not notched for the base mounting plate an 1/8" (3 mm) gap will be created.



2 Holes  
Required



| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB007BS  | Brushed Stainless  |
| PB007PS  | Polished Stainless |
| PB007SC  | Satin Chrome       |

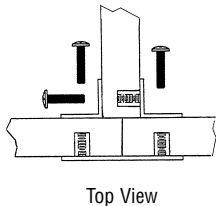
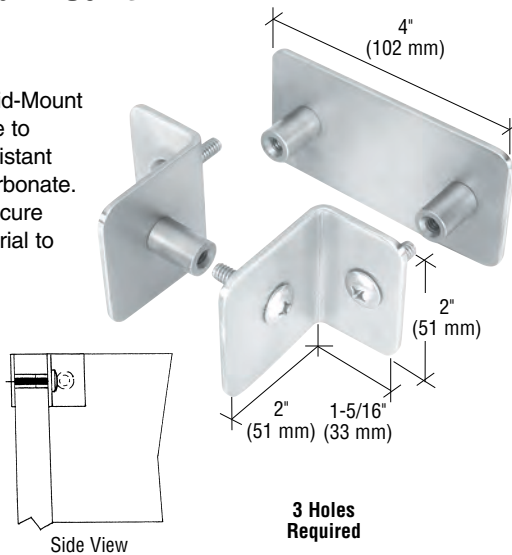
Minimum order: 1 each. \*Other finishes are available on special order.



## CRL Bullet Resistant Protective Barrier Clamps

### Top or Mid-Mount T-Clamp

This Top or Mid-Mount T-Clamp is made to secure bullet resistant acrylic or polycarbonate. Three screws secure the glazing material to the clamp.

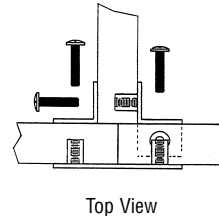
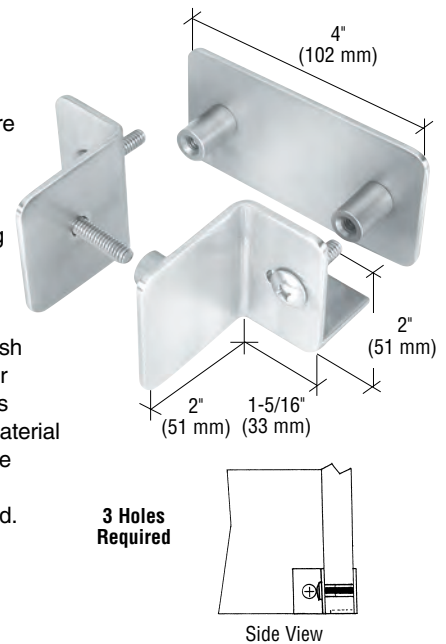


| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB008BS  | Brushed Stainless  |
| PB008PS  | Polished Stainless |
| PB008SC  | Satin Chrome       |

Minimum order: 1 each. \* Other finishes are available on special order.

### Bottom Mount T-Clamp

This Bottom Mount T-Clamp is made to secure bullet resistant acrylic or polycarbonate to the counter surface. Three screws secure the glazing material, and one screw secures the clamp to the counter surface. If the glazing material will sit flush on the counter, a notch for the base mounting plate is required. If the glazing material is not notched for the base mounting plate an 1/8" (3 mm) gap will be created.

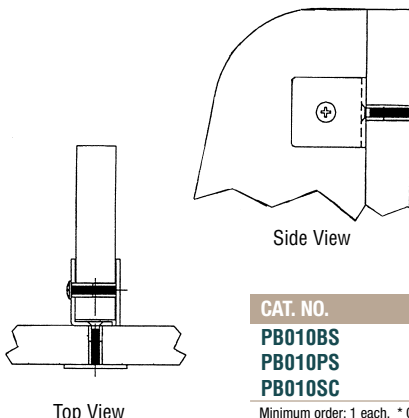
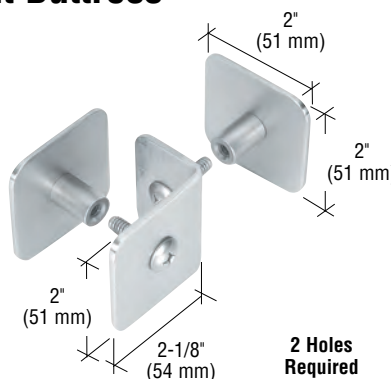


| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB009BS  | Brushed Stainless  |
| PB009PS  | Polished Stainless |
| PB009SC  | Satin Chrome       |

Minimum order: 1 each. \* Other finishes are available on special order.

### Top or Mid-Mount Buttress or Baffle Clamp

This Top or Mid-Mount Clamp is made to secure bullet resistant acrylic or polycarbonate buttress or baffle panels. Two screws secure the glazing material; one in the buttress or baffle, one in the main glazing panel.

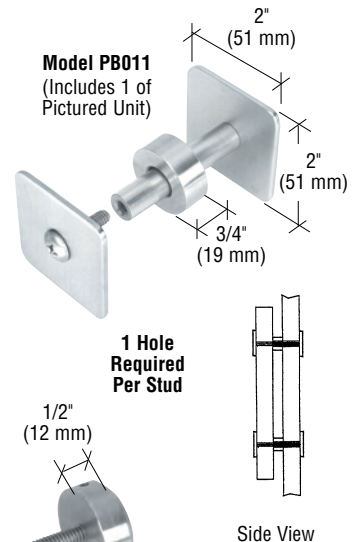


| CAT. NO. | FINISH*            |
|----------|--------------------|
| PB010BS  | Brushed Stainless  |
| PB010PS  | Polished Stainless |
| PB010SC  | Satin Chrome       |

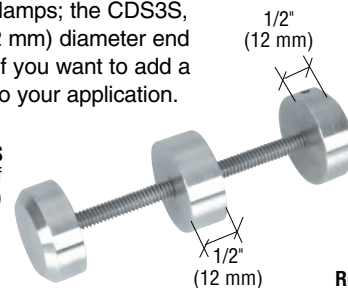
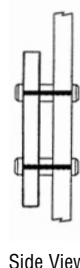
Minimum order: 1 each. \* Other finishes are available on special order.

### Surround Sound Spacers

These Surround Sound Spacers are designed for use with bullet resistant acrylic or polycarbonate. Stainless Steel Spacers separate a secondary glazing panel from a primary glazing panel to provide natural voice communication. Two different styles are available: The PB011, with square end caps, is used if you want to match other CRL Barrier Clamps; the CDS3S, with 1-1/4" (32 mm) diameter end caps, is used if you want to add a different look to your application.



Model CDS3S  
(Includes 3 of  
Pictured Unit)



Each Glazing Panel  
Requires 1 Hole Per Stud

| CAT. NO. | CAP TYPE | FINISH*            |
|----------|----------|--------------------|
| PB011BS  | Square   | Brushed Stainless  |
| PB011PS  | Square   | Polished Stainless |
| PB011SC  | Square   | Satin Chrome       |
| CDS3S    | Round    | Brushed Stainless  |

Minimum order: 1 each. \* Other finishes are available on special order. All PB Spacers require 3/4" (19 mm) holes. CDS3S Spacers require 5/16" (8 mm) holes.

## CRL Two-Piece Snap Together Sash and U-Channel for Bullet Resistant Glazing



Typical Bullet Resistant Vision Window with Snap Together Sash

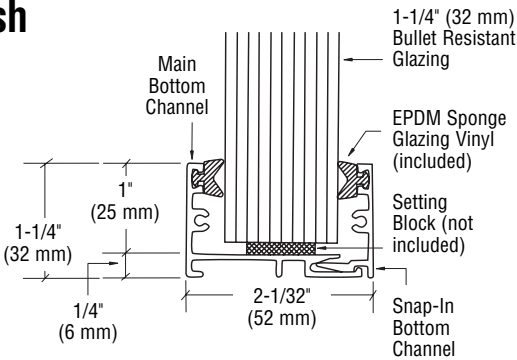
- Versatile Aluminum Extrusions for the Fabrication or Trim of Vision Windows and Bullet Resistant Barriers
- Satin Anodized and Duranodic Bronze Finishes



### CRL Two-Piece Snap Together Sash



Two-Piece Sash



End Cap



Typical Bullet Resistant Barrier with Snap Together Sash on Bottom

- For 1-3/16" to 1-5/16" (30 to 33 mm) Glazing
- Includes EPDM Glazing Gaskets
- Easy to Install End Caps Conceal Cut Ends

This Two-Piece Snap Together Sash is made to secure bullet resistant acrylic, polycarbonate or glass into an opening. It can be used as a perimeter frame to mount glazing directly to a wall, ceiling or counter surface. Typical uses include counter or jamb mounted Bullet Resistant Protective Barriers or Full Framed Vision Windows. The Snap Together Sash is not rated bullet resistant. Protection is achieved by the glazing material it surrounds. Optional End Caps conceal cut ends.

| CAT. NO. | DESCRIPTION      | FINISH           | STOCK LENGTH     |
|----------|------------------|------------------|------------------|
| PB014A   | Two-Piece Sash   | Satin Anodized   | 12 Ft. (3.66 m)* |
| PB014DU  | Two-Piece Sash   | Duranodic Bronze | 12 Ft. (3.66 m)* |
| PB015A   | End Cap w/Screws | Satin Anodized   | —                |
| PB015DU  | End Cap w/Screws | Duranodic Bronze | —                |

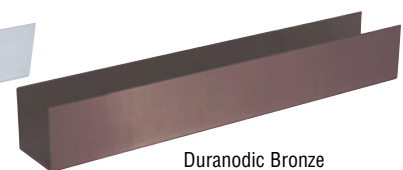
Minimum order for PB014 is 1 stock length; for PB015 is 1 each. \*24 foot (7.3 m) lengths can be special ordered for Will Call only at CRL Warehouses. Finishes can be combined for quantity pricing.

### CRL 1-1/4" Aluminum U-Channel

- Satin Anodized and Duranodic Bronze Finish Extruded Aluminum Used to Secure or Conceal the Edge of Glazing Up to 1-1/4" (32 mm) Thick



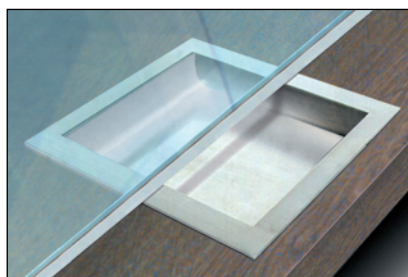
Satin Anodized



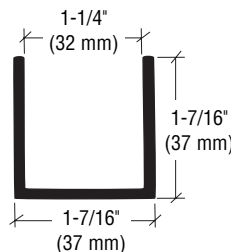
Duranodic Bronze

This 1-1/4" (32 mm) Aluminum U-Channel is made to secure or conceal the edge of bullet resistant acrylic. Typical uses include mounting glazing panels above Deal Trays and Transaction Drawers, or securing the base of buttresses and baffles to the counter surface when fabricating Bullet Resistant Barrier Systems.

Custom Aluminum U-Channel can be special ordered for nominal 1-1/4" (32 mm) bullet resistant polycarbonate which may be too thick for SV643. Contact CRL Transaction Technical Sales for details.



Shown in Typical Installation Above Deal Tray



| CAT. NO. | DESCRIPTION      | FINISH           | STOCK LENGTH    |
|----------|------------------|------------------|-----------------|
| SV643A   | 1-1/4" U-Channel | Satin Anodized   | 12 Ft. (3.66 m) |
| SV643DU  | 1-1/4" U-Channel | Duranodic Bronze | 12 Ft. (3.66 m) |

Minimum order: 1 stock length. Finishes can be combined for quantity pricing. A Packaging Charge will be added to orders of fewer than six stock lengths.



## CRL Bullet Resistant Fiberglass Panels



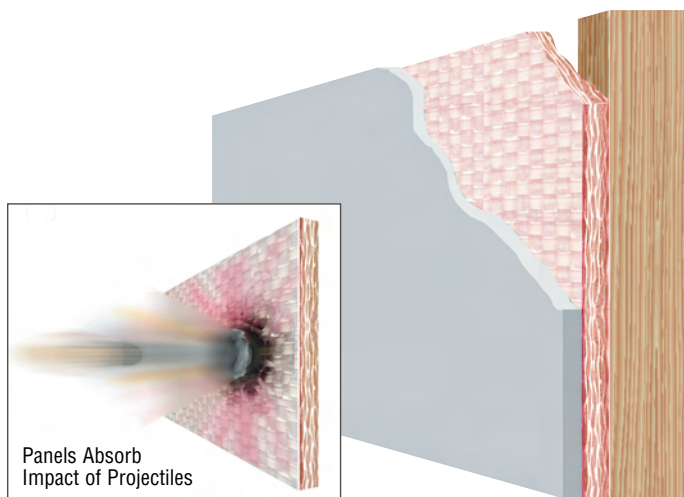
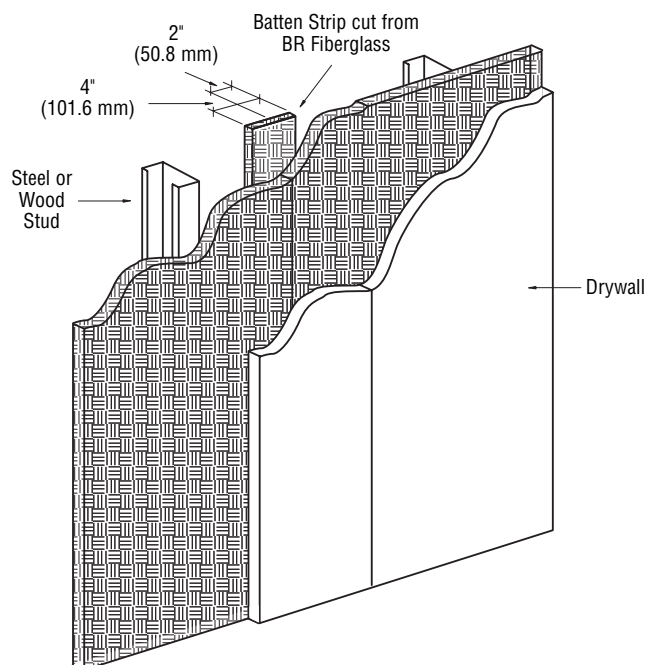
Seattle Justice Center, WA - Installation by J S Perrott & Co.

- **Protective Panels for Lining Doors and Walls Surrounding Security Enclosures**
- **Reinforced Structural Polyester Provides Level 1, Level 2, or Level 3 Protection**
- **Used in Doors and Walls of Security Enclosures, Bank Teller Counters, Ticket Booths, Judge's Benches, Cashier Booths, Etc.**

Bullet Resistant Fiberglass Panels installed behind wood laminate

Bullet Resistant Fiberglass Panels are flat sheets of a polyester laminate reinforced with a fiberglass scrim to create a material with superior durability. The densely packed structure of the panel exhibits an excellent capability to absorb multiple impacts from high velocity projectiles, limiting ricochet or shattering. They meet the standards of U.L.752 Ballistic Performance Requirements Test, as well as all bullet resistant test requirements set forth by the National Institute of Justice.

Typical applications include the lining of bank teller counters, ticket booths, judge's benches, doors and walls of secure enclosures, and other structures where concealed panels will add to the safety of service personnel. Panels are high pressure molded into standard 96" x 48" (2.44 x 1.22 m) size sheets. Cutting and drilling can be done using commonly available tools (see Specifications).



### SPECIFICATIONS:

**Material:** Reinforced Structural Polyester Laminate with Fiberglass Scrim

**Finish:** Panels may be covered with vinyl, or clad with plastic laminate

**Cutting:** Can be accomplished with a Circular Saw, Table Saw, Panel Saw or Saber Saw. We recommend the use of Carbide "Grit Edge" Blades for ease of cutting, such as CRL Cat. No.'s GC703 or GJ1010.

**Drilling:** Use High Speed Steel Drill Bits at a low speed.

### PROTECTION LEVELS\*



| CAT. NO. | BULLET RESISTANCE* | PANEL THICKNESS | PANEL SIZE                  | PANEL WEIGHT     | IMPACT VELOCITIES* |
|----------|--------------------|-----------------|-----------------------------|------------------|--------------------|
| BRF100   | 1 M.P.S.A.         | 1/4" (6.3 mm)   | 96" x 48" (2.44 m x 1.22 m) | 84 Lbs. (38 kg)  | 1250 Ft./Sec.      |
| BRF200   | 2 H.P.S.A.         | 3/8" (9.5 mm)   | 96" x 48" (2.44 m x 1.22 m) | 110 Lbs. (50 kg) | 1395 Ft./Sec.      |
| BRF300   | 3 S.P.S.A.         | 7/16" (11.1 mm) | 96" x 48" (2.44 m x 1.22 m) | 138 Lbs. (62 kg) | 1470 Ft./Sec.      |

Minimum order: 1 each. \* Levels per U.L. 752 Ballistic Performance Requirements Test Specifications. Must ship via common carrier. A Handling Charge will be added to orders of fewer than 3 combined sheets.

## CRL Bullet Resistant Doors and Frames

## Door Types



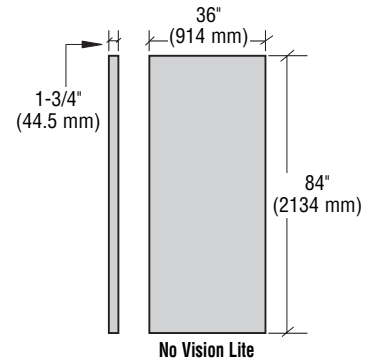
- **Stock and Custom Sizes Available With or Without Vision Lite**
- **Level 1 or Level 3 Protection Available**
- **Higher Protection Levels Available Upon Request**
- **Order Form Available Online at [crlaurence.com](http://crlaurence.com)**

Bullet Resistant Doors and Frames are for interior or exterior use, and are manufactured to meet U.L.752 Level 1 or Level 3 Protection. Available with or without Vision Windows, all doors and frames are fabricated from prime quality cold rolled steel, and include a baked-on rust inhibitive oxide primer. Vision Windows are glazed with bullet resistant glass.

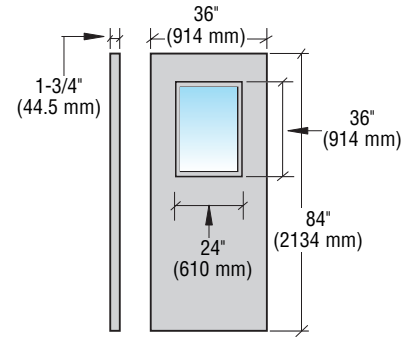
Standard components include: Continuous Geared Aluminum Hinge; Surface Mounted Door Closer; Keyed Cylinder Lock; Standard Lever Handles. Custom sizes, higher protection levels, colors and options are available on special order.

**NOTE:** Exterior use requires a threshold, which can be ordered separately.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

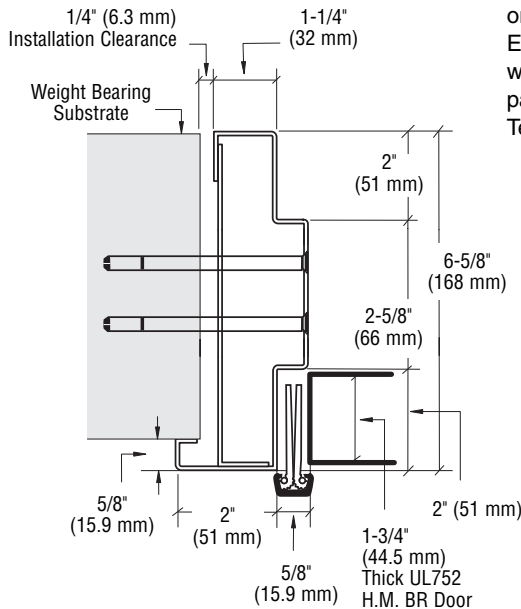


No Vision Lite



With Vision Lite

## Door Frame



**NOTE:** For a quote or to order a Bullet Resistant Door a helpful form is available at [crlaurence.com](http://crlaurence.com). Please fill it out and then fax it to CRL Transaction Technical Sales at (800) 458-7496 in the U.S., or (323) 584-5289 from outside of the U.S.

### SPECIFICATIONS:

**Materials:** Frame - 14 Gauge Steel; Door - 16 Gauge Steel

**Glazing:** 1-5/16" (33 mm) Level 1 Glass; 1-7/8" (48 mm) Level 3 Glass

**Finish:** Prime Painted

**Instructions Included**

| CAT. NO. | DESCRIPTION           | DOOR SWING | BULLET RESISTANCE | OVERALL SIZE (W x H)      | OPENING SIZE (W x H)          |
|----------|-----------------------|------------|-------------------|---------------------------|-------------------------------|
| BRDR1    | Door - No Vision Lite | RH         | Level 1           | 36" x 84" (914 x 2134 mm) | 39" x 85-1/2" (991 x 2172 mm) |
| BRDRV1   | Door with Vision Lite | RH         | Level 1           | 36" x 84" (914 x 2134 mm) | 39" x 85-1/2" (991 x 2172 mm) |
| BRDL1    | Door - No Vision Lite | LH         | Level 1           | 36" x 84" (914 x 2134 mm) | 39" x 85-1/2" (991 x 2172 mm) |
| BRDLV1   | Door with Vision Lite | LH         | Level 1           | 36" x 84" (914 x 2134 mm) | 39" x 85-1/2" (991 x 2172 mm) |
| BRDR3    | Door - No Vision Lite | RH         | Level 3           | 36" x 84" (914 x 2134 mm) | 39" x 85-1/2" (991 x 2172 mm) |
| BRDRV3   | Door with Vision Lite | RH         | Level 3           | 36" x 84" (914 x 2134 mm) | 39" x 85-1/2" (991 x 2172 mm) |
| BRDL3    | Door - No Vision Lite | LH         | Level 3           | 36" x 84" (914 x 2134 mm) | 39" x 85-1/2" (991 x 2172 mm) |
| BRDLV3   | Door with Vision Lite | LH         | Level 3           | 36" x 84" (914 x 2134 mm) | 39" x 85-1/2" (991 x 2172 mm) |

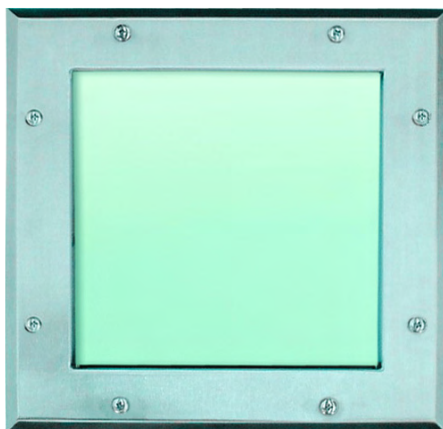
Minimum order: 1 each.

### PROTECTION LEVELS



Higher protection levels available on request

## CRL Vision Window Frame for Bullet Resistant Doors



Interior View

- Each Unit is Customized and Fabricated to Fit Your Specified Opening
- Available Without Glazing or With Your Choice of Bullet Resistant Glazing
- Brushed Stainless Steel Finish
- Available With Speak-Thru and Pass-Thru Accessories



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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

This stainless steel Vision Window Frame allows the addition of a Vision Window to almost any door. Commonly used in security applications, Vision Windows provide a means of viewing people before allowing access into a secured area. Vision Windows are for interior or exterior use, and are available with your choice of bullet resistant glazing. Manufactured from 11 gauge stainless steel with a brushed #4 finish, Vision Window Frames are fabricated in sizes to fit your specified opening. They can also be custom made with Speak-Thru and Pass-Thru accessories.

### SPECIFICATIONS:

**Materials:** 11 Gauge Stainless Steel

**Glazing:** Choice of Bullet Resistant Glazing Up to 2-1/4" (57 mm) Maximum

**Finish:** Brushed Stainless Steel #4 Finish

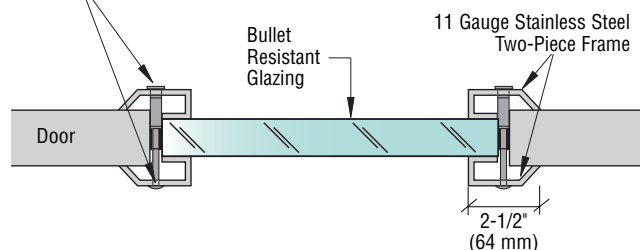
**Instructions Included**



| CAT. NO.     | DESCRIPTION         | SIZE    | DOOR THICKNESS | GLAZING |
|--------------|---------------------|---------|----------------|---------|
| <b>BRDW2</b> | Vision Window Frame | Specify | Specify        | Specify |

Minimum order: 1 each.

Stainless Steel  
3/8" Sex Bolt  
with 1/4-20 Screw



## CRL Vision Lite Frame for Non-Bullet Resistant Doors

CRL Vision Lite Frames are designed for 1-3/4" thick non-bullet resistant interior doors. The continuous glass retainer has countersunk mounting holes. Screws fasten from interior side into prepunched internal mounting holes, leaving the exterior side of frame free of fasteners for security purposes.

### Standard Powder Coat Finishes:

- Aluminum
- White
- Bronze
- Specify RAL Color

**new**



Exterior View

- Accommodates Glazing From 3/16" to 5/16" (5 to 8 mm)
- Each Unit is Custom Fabricated to Your Needs

### SPECIFICATIONS:

**Materials:** 20 Gauge #304 Stainless Steel

**Glazing:** Choice of 3/16" to 5/16" (5 to 8 mm) (Non-Bullet Resistant)

**Finish:** Powder Coated

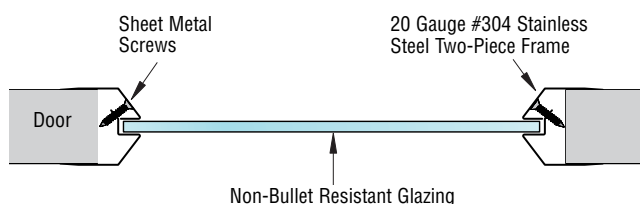
**Fasteners:** #8 x 7/8" Flat Head Phillips

Sheet Metal Screws

**Instructions Included**

| CAT. NO.    | DESCRIPTION       | SIZE    | DOOR THICKNESS | GLAZING |
|-------------|-------------------|---------|----------------|---------|
| <b>VLF1</b> | Vision Lite Frame | Specify | 1-3/4" (44 mm) | Specify |

Minimum order: 1 each.





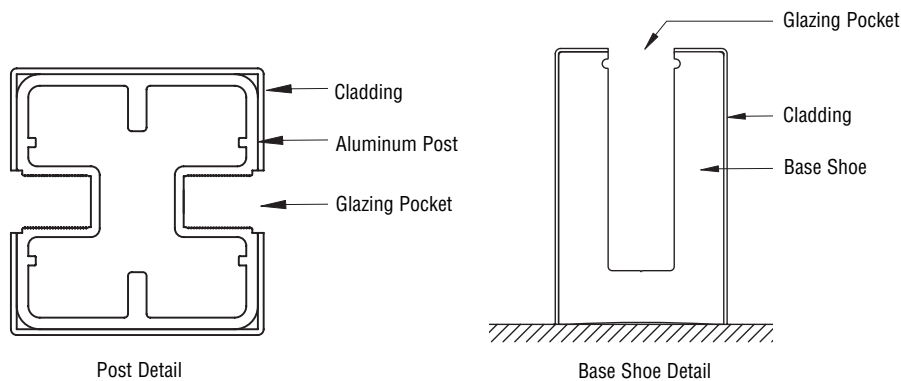
## CRL Custom Designed Windscreen/Barrier Post System



### Allow CRL to Design a Custom Windscreen/Barrier Post System for You

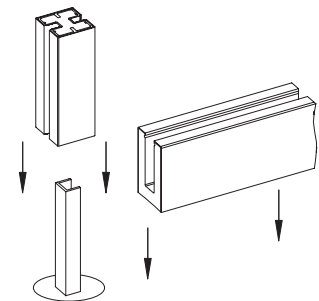
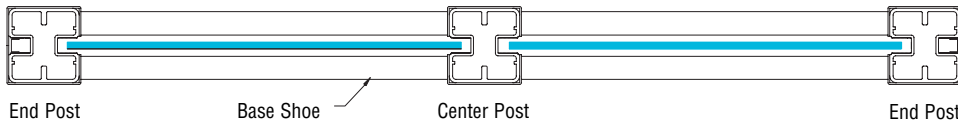
- **Systems for Interior or Exterior Commercial or Residential Applications in Heights Up to 72" (1829 mm)**
- **Multiple Finish Options Include Cladding or Powder Coating**
- **Designed for Surface or Core Mount Applications Using 1/2" (12 mm) Tempered Glazing**

CRL can custom design Windscreen/Barrier Post Systems that are ideal for airports, convention centers, hotels, and outdoor dining areas. Cladded stainless steel, brass, or powder coated finishes are available that can adapt to a wide variety of conditions.



Aluminum Posts are secured by Stanchions that are either core or surface mounted. Base Shoe is mounted using normal Base Shoe mounting procedures.

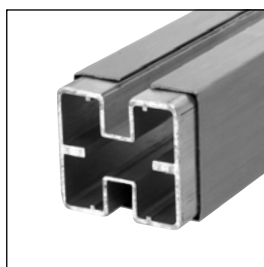
**Plan View of Typical Post Configurations That Can Be Manufactured.**  
Custom Ends, 180 Degree Centers, and 90 Degree Corners Are Available



## Major Components



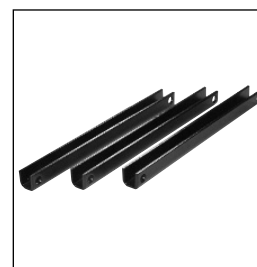
Base Shoe



Vertical Post



Surface Mount Post Stanchions



Core Mount Post Stanchions



Post Cap

## CRL Security Check Point Barrier Systems

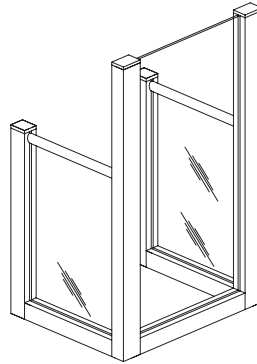
**new**

- Systems for Interior or Exterior Commercial or Institutional Applications
- Surface Mount or Core Mount Applications
- Many Architectural Finishes to Choose From
- Custom Powder Coated Finishes Also Available
- Designed to Work With Many Different Types of Glazing

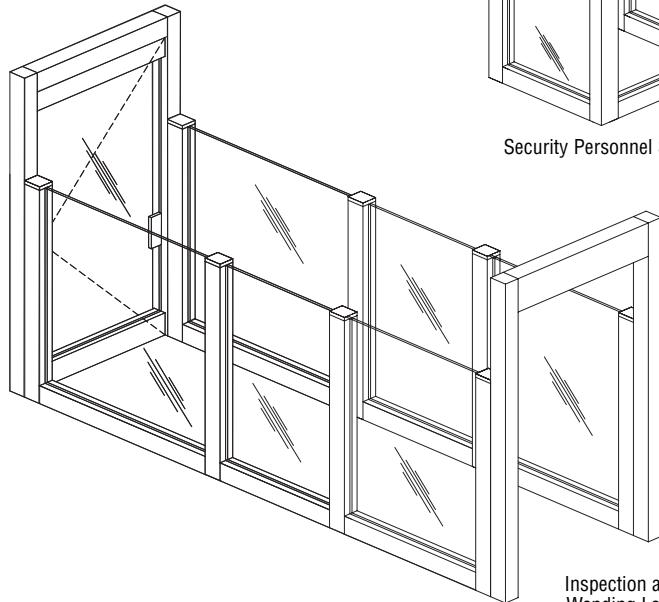
CRL can custom design Security Check Point Barrier Systems that are ideal for airport terminals, conventions centers, hotels, schools, and many other areas that have security concerns.

Barriers are typically fabricated using a combination of our Heavy Glass Aluminum Base Shoe and rectangular Aluminum Posts that can be clad in selected architectural finishes, or powder coated in a variety of custom colors that can adapt to a wide variety of conditions.

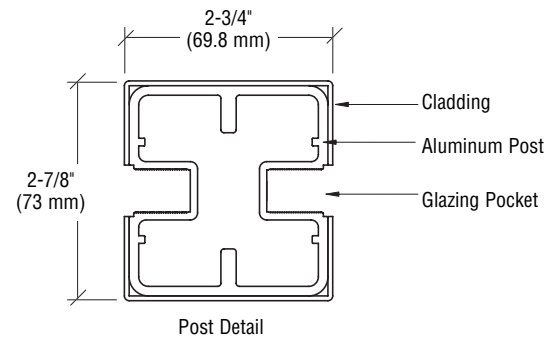
1/2" (12 mm) tempered glazing is recommended, but not supplied by CRL. Glass sizing assistance is available. Units can be shipped knocked down, or fully assembled in a crate.



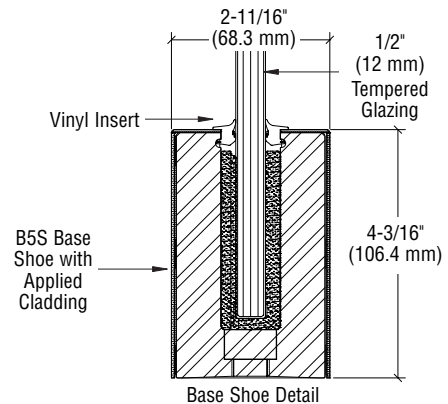
Security Personnel Station



Inspection and Wandering Lane

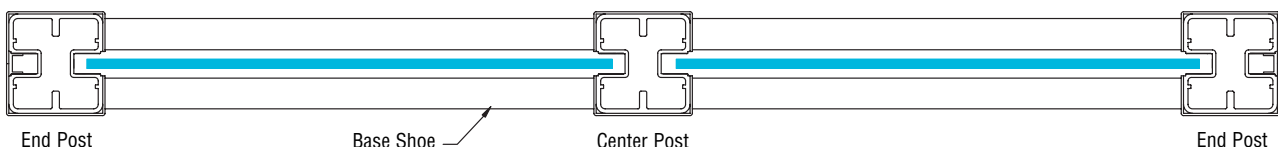


Post Detail



Base Shoe Detail

Barriers can be configured using combinations of 180 Degree Center Posts, 135 Degree Center Posts, 90 Degree Corner Posts, 3-Way Posts, and End Posts. CRL Technical Sales will help you with plans for the Barrier System that is right for any application.



LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA | T181

## CRL Thru-Glass Two-Way Digital Electronic Communicators

**new**

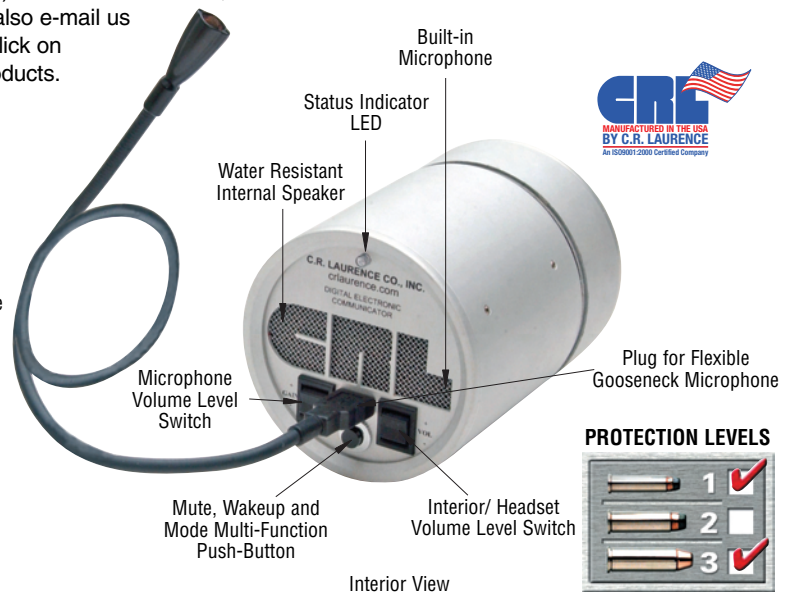
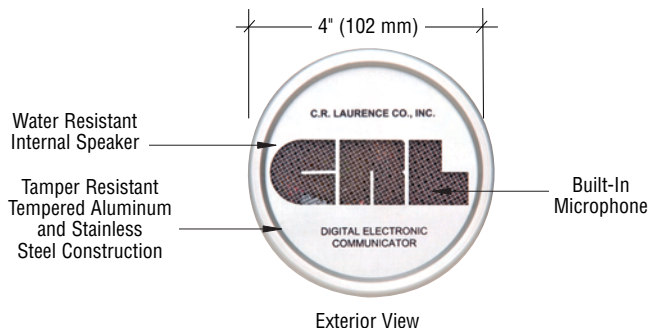
- Clear, Reliable, Hands-Free Two-Way Conversation
- Standard Unit Fits Barriers From 1/4" to 4" (6 to 102 mm) Thick
- Bullet Resistant Models Available in Level 1 and Level 3

CRL Thru-Glass Two-Way Digital Electronic Communicators contain the latest advancements in electronic sound transmission devices. Clear, distortion free two-way conversations can take place through secure barriers as the unit senses volume levels and automatically activates when speech begins. Easy to operate multi-function controls can easily be set by the clerk to turn the Communicator on and off, set to mute, use the 'wake-up' mode, and to adjust volume.

An industry first, the CRL Thru-Glass Two-Way Digital Electronic Communicator can be used by the clerk with an optional Gooseneck Microphone with USB plugs, one of the three Headsets shown on page T184, or when ideal conditions exist, simply by speaking into the Communicator's built-in microphone.

Select either the 120V AC Plug-In Transformer model, or the 12V DC Rechargeable Battery Powered model. Units are available as standard or bullet resistant models in satin or black anodized finishes. CRL Digital Communicators are easy to install. The absence of exterior screws or fasteners make them tamper resistant. All units are supplied complete with mounting hardware and instructions to fit 1/4" to 1/2" (6 to 12 mm) thick barrier glass, and up to a 4" (102 mm) barrier when using the supplied extension screws and mounting brackets.

For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



Accessories for CRL Electronic Communicators can be found on the following pages.



### PROTECTION LEVELS



### SPECIFICATIONS:

**Materials:** 1/8" (3.2 mm) Thick, Tempered Aluminum Case

**Finishes:** Satin Anodized, Black Anodized

**Dimensions:** Interior: 4" (102 mm) Diameter x 3-11/16" (94 mm) Deep.

Exterior: 4" (102 mm) Diameter x 1-3/8" (35 mm) Deep

**Barrier/Glazing Range:** 1/4" to 1/2" (6 to 12 mm) With Standard Installation Kit; Up to 4" (102 mm) Using Extension Screws

**Power Requirement:** 10 to 12V AC, 1500mA Nominal

**Power Supply/Charger:** Input 120V AC; Output 12V DC

**Controls:** Inside and Outside Volume; Mute

**Battery Type:** TT12N2A NIMH 2000MAH (2 Amp)

**Duty Time – Per Charge:** >30 Hours Per Charge

**Charge Time:** 4 Hours; Can Be Used While Charging

**Glass Fabrication Required:** Single 7/16" to 3-1/2"

(11 to 89 mm) Hole Cut-Out

**Frequency Response:** 50Hz to 12kHz

**Distortion:** THD+N<1% (Typical .05 to .09%)

**Talk Mode:** Full-Duplex (Continuous Two-Way Speech)

**Signal to Noise Ratio:** >55dB (Typical 58dB)

**Bullet Resistant Option:** Level 1 and Level 3

| CAT. NO. | BULLET RESISTANCE | POWERED BY                  | FINISH         |
|----------|-------------------|-----------------------------|----------------|
| 9ASA     | None              | 120V AC Transformer         | Satin Anodized |
| 9ABL     | None              | 120V AC Transformer         | Black Anodized |
| 9DSA     | None              | 12V DC Rechargeable Battery | Satin Anodized |
| 9DBL     | None              | 12V DC Rechargeable Battery | Black Anodized |
| 9B1ASA   | Level 1           | 120V AC Transformer         | Satin Anodized |
| 9B1ABL   | Level 1           | 120V AC Transformer         | Black Anodized |
| 9B1DSA   | Level 1           | 12V DC Rechargeable Battery | Satin Anodized |
| 9B1DBL   | Level 1           | 12V DC Rechargeable Battery | Black Anodized |
| 9B3ASA   | Level 3           | 120V AC Transformer         | Satin Anodized |
| 9B3ABL   | Level 3           | 120V AC Transformer         | Black Anodized |
| 9B3DSA   | Level 3           | 12V DC Rechargeable Battery | Satin Anodized |
| 9B3DBL   | Level 3           | 12V DC Rechargeable Battery | Black Anodized |

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

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## CRL Counter Top Two-Way Digital Electronic Communicators

**new**

- Mounts on Counter Top or Shelf to Provide Clear Communication Through an Isolation Barrier
- Ruggedly Constructed and Tamper-Resistant

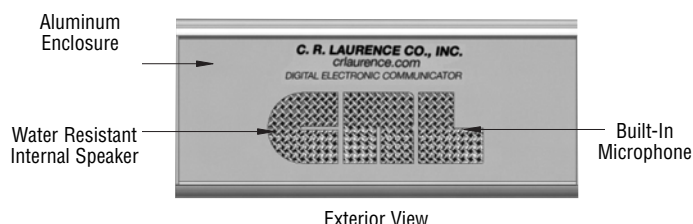
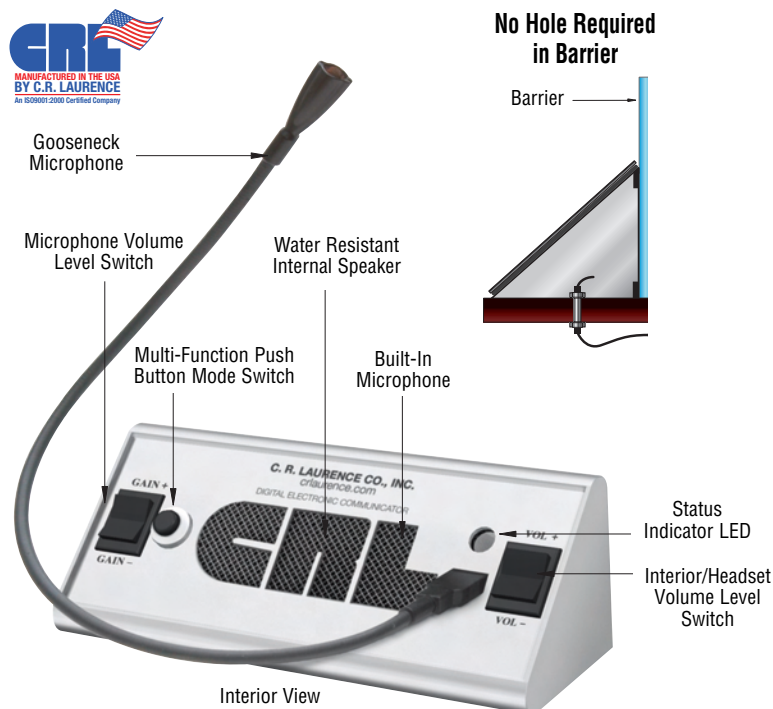
All of the same electronic design features of the CRL Thru-Glass Two-Way Digital Communicator are also found in our Counter Top Communicators. There's no need for special glass fabrication, and the sight line between clerk and customer is unobstructed as all wiring is installed through the perimeter wall or counter top.

Counter Top Digital Electronic Communicators are available in two finishes: satin or black anodized. The built-in Speaker-Microphone transmits conversation clearly, or you can use the optional Gooseneck Microphone or Hands-Free Headsets shown on page T184. All units are supplied complete with mounting hardware and instructions.

For additional information, please contact CRL Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



Accessories for CRL Electronic Communicators can be found on the following pages.



### SPECIFICATIONS:

**Materials:** 1/8" (3.2 mm) Thick, Tempered Aluminum Case

**Finishes:** Satin Anodized, Black Anodized

**Dimensions:** Face @ 45°; Width = 6" (152 mm); Height = 2" (51 mm); Depth = 2" (51 mm)

**Power Requirement:** 10 to 12V AC, 1500mA Nominal

**Power Supply:** Input 120V AC; Output 12V DC

**Controls:** Inside and Outside Volume; Mute

**Frequency Response:** 50Hz to 12kHz

**Distortion:** THD+N<1% (Typical .05 to .09%)

**Talk Mode:** Full-Duplex (Continuous Two-Way Speech)

**Signal to Noise Ratio:** >55dB (Typical 58dB)

| CAT. NO. | POWERED BY          | FINISH         |
|----------|---------------------|----------------|
| C9ASA    | 120V AC Transformer | Satin Anodized |
| C9ABL    | 120V AC Transformer | Black Anodized |

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

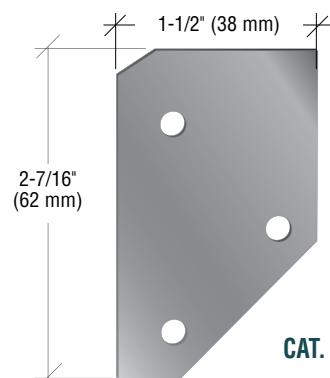
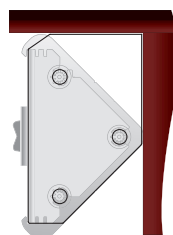
## CRL Under Counter Mounting Brackets

**new**

- Allows Under Counter Mounting of Model C9A Counter Top Communicators

These Mounting Brackets allow the C9A Counter Top Communicator to be mounted out of the way under the counter. The Brackets are made of 18 gauge Stainless Steel, and are provided with security screws for a clean and secure installation. Minimum order is one set.

Below Counter Mount Option



## CRL Plug-In Gooseneck Microphone

- Excellent Sound Quality
- Extremely Flexible

This Plug-In Gooseneck Microphone is extremely flexible, so it stays put in any position. It extends a full 17" (432 mm), making it ideal for reaching across counters. The slim design provides clearer vision for both the clerk and customer. It mates to the Communicator using a USB jack for ease of removal. Minimum order is one each.

**new**

### SPECIFICATIONS:

**Materials:** Black PVC-jacketed flexible steel gooseneck body; spring lever gold plated contacts; Shielded FET pre-amp Electret Mic  
**Connector:** USB-A Male  
**Sensitivity:** -51dB  $\pm$ 4dB  
**Signal to Noise Ratio:** >58dB



CAT. NO. 9M1C

## CRL Plug-In Headset

- Boom-Style Microphone
- Hands-Free Operation

This is a single earpiece Headset for one-ear monitoring, along with a dynamic noise-canceling boom-style microphone for crisp, accurate vocal pickup. The cushioned ear pads and lightweight design provide added convenience and prolonged listening comfort. Adjustable microphone volume. Minimum order is one each.

**new**

### SPECIFICATIONS:

**Controls:** Volume and Mute  
**Connector:** 2.5 mm input/output mini-plug  
**Sensitivity:** 15 dBV  
**Distortion:** <5% THD  
**Frequency:** 300-3,300 Hz



CAT. NO. 9PHS

## CRL Wireless Headset

- Up to 300 Foot (91 m) Range
- 2.4 GHz Technology

This lightweight Wireless Headset gives you the ability to multi-task up to 300 feet (91 m) from the compact base unit. The low profile, user-friendly design includes volume, mute, and on/off controls at your fingertips. 2.4 GHz technology provides crystal clear, fully secure communications using Digital Spread Spectrum protocol, originally developed for secure military communications. The compact base unit recharges the battery in just 90 minutes, for up to 8 hours of talk time, and provides a full 24 hour standby. Minimum order is one each.

**new**

### SPECIFICATIONS:

**Controls:** On/Off; Volume; Mute  
**Headset Weight:** 1.9 Oz. (53.9 g)  
**Range:** 300 ft. (91 m)  
**Power Supply:** 7.5V DC, 700 mA  
**Battery:** 3.7V Li-Ion Rechargeable  
**Operation Time:** Up to 8 Hours  
**Charge Time:** 90 Minutes  
**Channels:** 95 – Automatic Selection  
**Compliance:** UL1459, CSA, FCC  
Parts 15, ICRSS210



CAT. NO. 9WHS

## CRL Wireless Mini Headset

- 30 Foot (9 m) Range
- Over-the-Ear Convenience

The ultimate hands-free and wire-free solution that connects your CRL Communicator to your headset via Bluetooth® radio technology instead of a wire. Active range is up to 30 feet (9 m). The earpiece and microphone boom fit behind either ear for a comfortable, secure fit.

The earpiece also features the new MiniGel tip. This soft, ergonomic gel tip channels sound directly into your ear, improving your ability to hear conversations clearly, even in noisy environments. Minimum order is one each.

**new**

### SPECIFICATIONS:

**Controls:** On/Off; Volume; Mute  
**Headset Weight:** 0.8 Oz. (23 g)  
**Range:** Up to 30 ft. (9 m)  
**Battery:** Lithium Polymer  
**Charge Time:** 2 Hours  
**Operation Time:** Up to 3 Hours  
**Standby Time:** 100 Hours (typical)



CAT. NO. 9WMHS

## CRL Power Transformer

- Internal Overload Protection
- Low Voltage Output

This UL Approved Class II, direct plug-in wall mounted Transformer features a safe low voltage output that powers both the Communicator and charges the Rechargeable Battery. Equipped with internal overload protection, current fusing, and thermal over-heat shutdown. This high performance power supply offers an attractive body style, and is UL 1310 Safety Certified. Minimum order is one each.

**new**

### SPECIFICATIONS:

**Material:** High Impact ABS Housing  
**Color:** Off White  
**Input:** 120V AC  
**Output:** 12V AC, 40 VA, 3.3 Amps  
**Fuse Protection:** Thermal Fused Primary Winding; Current Fuse for Output  
**UL Listing:** UL1310 Safety Certified



CAT. NO. 9PWR

## CRL Adapter Plate

- Allows Installation of CRL Thru-Glass Two-Way Communicators Into 4" and 5" (101 and 127 mm) Holes

| CAT. NO. | FITS             | FINISH         |
|----------|------------------|----------------|
| 9ADP4SA  | 4" (101 mm) Hole | Satin Anodized |
| 9ADP4BL  | 4" (101 mm) Hole | Black Anodized |
| 9ADP5SA  | 5" (127 mm) Hole | Satin Anodized |
| 9ADP5BL  | 5" (127 mm) Hole | Black Anodized |

Minimum order: 1 each.

**new**

**KIT INCLUDES:**  
Two Adapter Plates

These Adapter Plates are used when replacing an existing Communicator that was installed into a 4" (101 mm) or 5" (127 mm) hole. Adapter Plates have a built-in O-Ring to seal to glass.



## CRL Conduit Kit

- Allows for Clean Professional Installations and Cable Protection

This Slim-Line Conduit Kit allows for a clean, professional installation and cable protection. Made of quality .063" (1.6 mm) thick, 6063 Alloy Aluminum.

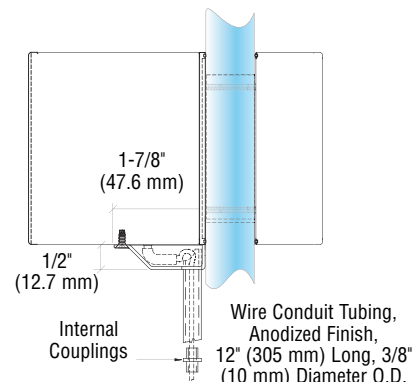
| CAT. NO. | FINISH         |
|----------|----------------|
| 9CONSA   | Satin Anodized |
| 9CONBL   | Black Anodized |

Minimum order: 1 each.

**new**

**KITS INCLUDES:**

- Four 12" (305 mm) long sections of 3/8" (10 mm) diameter tubing (installer may cut to length)
- Two cover adapters to encapsulate the input power jack and wiring
- Three push-in couplings to join the tubing for quick assembly



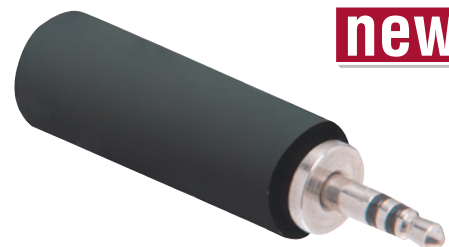
## CRL Plug-In Converters

- Converts 2.5 mm and 3.5 mm Headset Jacks and Plugs

| CAT. NO. | CONVERTS                   |
|----------|----------------------------|
| 9CNVRT25 | 2.5 mm Jack to 3.5 mm Plug |
| 9CNVRT35 | 3.5 mm Jack to 2.5 mm Plug |

Minimum order: 1 each.

These Plug-In Converters allow the use of our Headsets with a 2.5 mm mini-jack to be used with other manufacturer's products using a 3.5 mm jack. Also allows other brands of Headsets with 3.5 mm plugs to be used with our Communicators.



**new**

## CRL Rechargeable Battery Pack

- For Use With CRL Thru-Glass Two-Way Electronic Communicators

This Rechargeable Battery Pack easily snaps into place and either replaces a worn out battery or converts a transformer-powered unit to battery powered or battery back-up.

| CAT. NO. | DESCRIPTION  |
|----------|--------------|
| 9RBAT    | Battery Pack |

Minimum order: 1 each.

**new**

**SPECIFICATIONS:**

**Battery Type:** TT12N2A NIMH  
2000MAH (2 Amp)

**Duty Time – Per Charge:**

>30 Hours Per Charge

**Charge Time:** 4 Hours;

Can Be Used While Charging



## CRL Electronic Communicator Warranty and Repair Service

**Warranty:** One year parts and labor if due to manufacturing defects. Shipping to manufacturer is paid by the customer. Damage or breakage as a result of misuse or abuse is NOT covered under the warranty. No warranty is expressed or implied beyond exchange replacement of same make and model unit.

**Exchange Program:** Advance shipping of replacement unit - exchange program included for first year (additional fees for annual exchange service beyond the first year). For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., or (877) 421-6144 from Canada, and ask for Ext. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



## CRL Norcon Thru-Glass Two-Way Electronic Communicators

- Breaks the Acoustical Barrier With Clear, Reliable, Hands-Free Two-Way Conversation
- Standard Unit Fits 1/4" to 1" (6 to 25 mm) Glass
- Level 1 and Level 3 Bullet Resistant Models Adapt to Various Glazing Materials

The Norcon Thru-Glass Two-Way Electronic Communicator is a self-contained, easily installed device that allows clear, intelligible two-way conversation in locations where security must be maintained. The Norcon Communicator is automatically activated when the clerk speaks for hands-free operation. You can select either the 115V AC model, or the 12V DC battery powered model.

Units are available in Standard or Deluxe Models with satin anodized finish. The Standard Norcon Model has a fixed gooseneck microphone. The Deluxe Norcon Model has a removable gooseneck microphone. Both models include a receptacle for use with the optional TTU1HS Hands-Free Headset shown on page T187. All Norcon units are supplied complete with mounting hardware, instructions, and power supply. Our Cat. No. TTU1X Extension Kit for glass up to 2-3/4" (70 mm) thick may be ordered separately.

**NOTE:** Bullet resistant models are pre-set for thick glazing.



Activates whenever clerk speaks into microphone for hands-free operation.



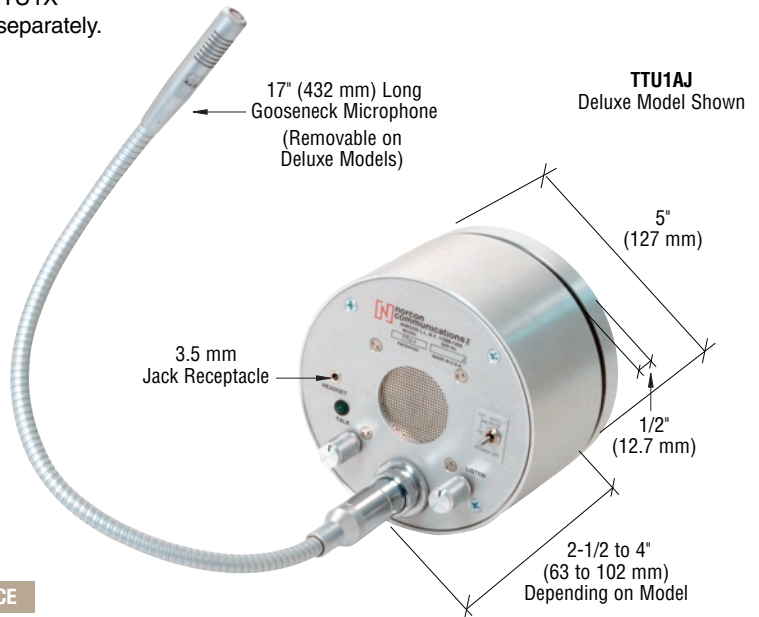
INVESCO Field, Denver, CO.  
Installation by A-1 Glass Inc.

### PROTECTION LEVELS



### SPECIFICATIONS:

**Material:** Aluminum  
**Finish:** Satin Anodized  
**Bullet Resistant:**  
Level 1 and Level 3  
**Instructions Included**  
**Glass Fabrication:**  
Requires 3" to 4"  
(76 to 102 mm)  
Hole for Installation



Dodge Theater, Phoenix, AZ. - Installation by Elward Construction

| CAT. NO.    | DESCRIPTION                     | BULLET RESISTANCE |
|-------------|---------------------------------|-------------------|
| TTU1A       | 115V AC Standard Model          | None              |
| TTU1AJ      | 115V AC Deluxe Model            | None              |
| TTU1D       | 12V DC Standard Model           | None              |
| TTU1DJ      | 12V DC Deluxe Model             | None              |
| TTU1AB1     | 115V AC Standard B.R. Model▲    | Level 1           |
| TTU1AJB1    | 115V AC Deluxe B.R. Model▲      | Level 1           |
| TTU1DB1     | 12V DC Standard B.R. Model▲     | Level 1           |
| TTU1DJB1    | 12V DC Deluxe B.R. Model▲       | Level 1           |
| TTU1AB3     | 115V AC Standard B.R. Model▲▲   | Level 3           |
| TTU1AJB3    | 115V AC Deluxe B.R. Model▲▲     | Level 3           |
| TTU1DB3     | 12V DC Standard B.R. Model▲▲    | Level 3           |
| TTU1DJB3    | 12V DC Deluxe B.R. Model▲▲      | Level 3           |
| TTU1X       | Thick Glass Extension Kit       | —                 |
| TTU1ADAPTER | Adapter for 5" (127 mm) Hole    | —                 |
| TTU1PS1     | Power Cord/Transformer for AC   | —                 |
| TTU1PS2     | Power Cord/Transformer for DC   | —                 |
| TTU1GM      | Hardwired Gooseneck Microphone  | —                 |
| TTU1GMJ     | Removeable Gooseneck Microphone | —                 |

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

▲ Level 1 Models pre-set for 1-5/16" (33.3 mm) glass, and adapt for thicknesses from 1-3/16" to 1-5/8" (30.1 to 41.3 mm).

▲▲ Level 3 Models pre-set for 1-7/8" (47.6 mm) glass, and adapt for thicknesses from 1-3/16" to 1-7/8" (30.1 to 47.6 mm).

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## CRL Norcon Counter Top Two-Way Electronic Communicators

- Provides Clear Communication Through an Isolation Barrier
- Ruggedly Constructed and Tamper-Resistant

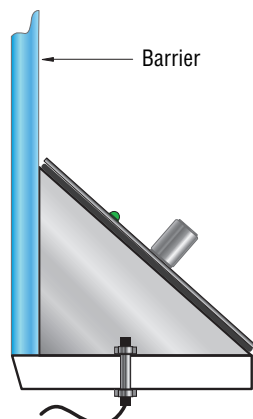
The Norcon Counter Top Two-Way Electronic Communicator is the unit of choice when it is impractical to cut a hole through a glass isolation barrier. The unit is automatically activated when the clerk speaks. Talk and listen volumes are adjustable by the clerk.

Units are available in Standard or Deluxe Models with a satin anodized finish. The Standard Norcon Model has a fixed gooseneck microphone. The Deluxe Norcon Model has a removable gooseneck microphone. Both models include a receptacle for use with the optional TTU1HS Hands-Free Headset shown below. All exposed hardware is tamper resistant. Unit operates on 115V AC current.

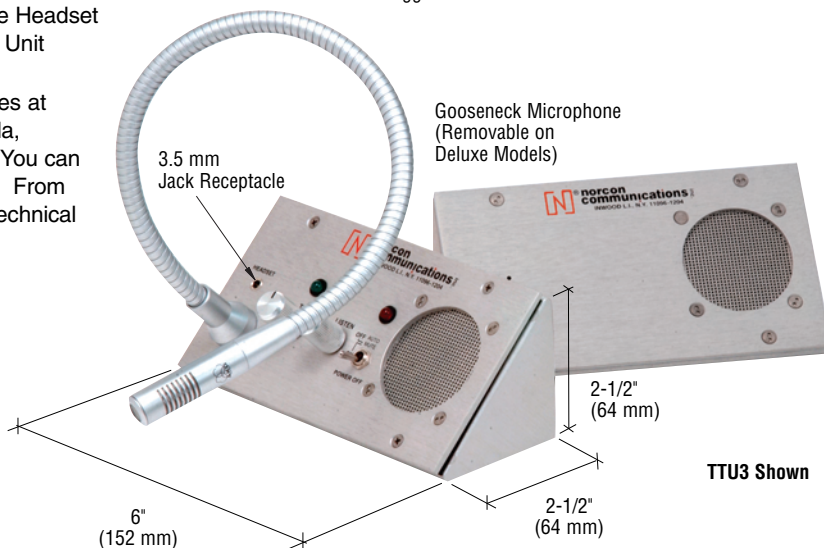
For additional information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



Staggered Installation Recommended



No Hole Required in Barrier



**SPECIFICATIONS:**  
**Material:** Aluminum  
**Finish:** Satin Anodized  
**Instructions Included**

| CAT. NO.                                                            | DESCRIPTION            |
|---------------------------------------------------------------------|------------------------|
| TTU3                                                                | 115V AC Standard Model |
| TTU3J                                                               | 115V AC Deluxe Model   |
| Minimum order: 1 each. Models can be combined for quantity pricing. |                        |
| <b>NOTE:</b> 12V DC not available in Counter Top Models.            |                        |

## CRL Headset for Two-Way Electronic Communicators

- Adapts to Any of Our Electronic Communicators
- Adjustable for Wearer Comfort
- Quick Disconnect Feature

The TTU1HS Headset provides a convenient way to adapt any of our Electronic Communicators for hands-free use. Cat. No. TTU1HS features superior voice tube technology for improved sound quality, and a quick disconnect feature for added mobility. Cord length is 11 feet (3.4 m) with a 3.5 mm jack.



| CAT. NO.               | DESCRIPTION                      |
|------------------------|----------------------------------|
| TTU1HS                 | Deluxe Headset for TTU1 and TTU3 |
| Minimum order: 1 each. |                                  |



## CRL No-Draft Speak-Thrus

- Easy to Install
- Eliminates Drafts
- Theft-Proof Locking Device

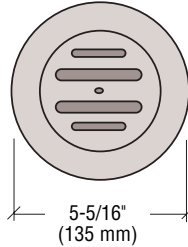
Our No-Draft Speak-Thrus are designed to allow audible transmission of voice requests at ticket windows, box offices, and more. They prevent tampering from the outside, and stop drafts to the interior. The 549 Series is made of brass, the 834 Series is made of aluminum. Each unit is individually boxed with gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. For glass up to 3-3/4" (95 mm) thick you can use the optional Cat. No. 8324 4" (102 mm) screws. No-Draft Speak-Thrus require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).



**549 Series**  
Chrome Plated Brass



**834 Series**  
Aluminum Construction

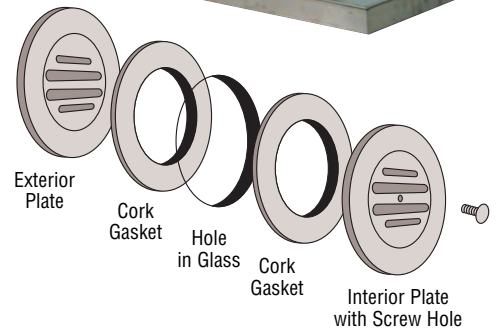


| CAT. NO.      | DESCRIPTION                         |
|---------------|-------------------------------------|
| <b>549</b>    | Chrome Plated Brass                 |
| <b>834A</b>   | Satin Anodized Aluminum             |
| <b>834BA</b>  | Brite Anodized Aluminum             |
| <b>834BGA</b> | Brite Gold Anodized Aluminum        |
| <b>834DU</b>  | Duranodic Bronze Aluminum           |
| <b>8324</b>   | 8-32 x 4" (102 mm) Screws (10 pack) |

Minimum order: 1 each. Speak-Thrus can be combined for quantity pricing.

### SPECIFICATIONS:

**Material:** 834-Aluminum; 549-Brass  
**Finishes:** 834-Brite Anodized, Brite Gold Anodized, Duranodic Bronze, Satin Anodized; 549-Chrome Plating  
**Instructions Included**  
**Glass Fabrication Required:**  
 Recommended 3-1/2" (89 mm) Diameter Hole



## CRL Stainless Steel Speak-Thrus

- Provides Natural Voice Transmission
- Designed to Eliminate Drafts

The CRL Stainless Steel Speak-Thru provides natural voice transmission. Offset slots in front and rear prevent tampering from the outside, and stop drafts to the interior. Speak-Thru has a brushed stainless finish, and comes in two sizes. Two sets of screws accommodate glazing from 1/4" to 1-1/4" (6 to 32 mm) thick.



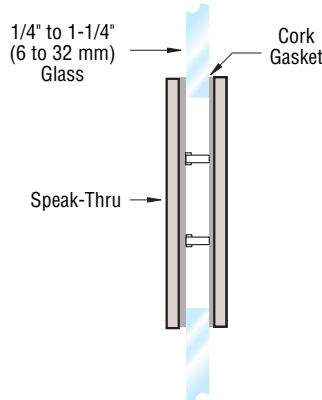
**SST7**  
Requires 4-1/2" to 6" (114 to 152 mm) Hole.  
Uses Four Screws (Included)



**SST5**  
Requires 3" to 4-1/2" (76 to 114 mm) Hole.  
Uses Two Screws (Included)

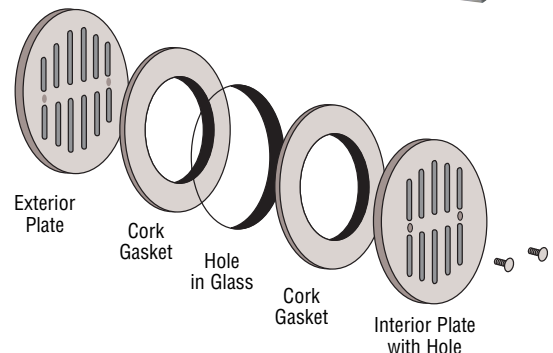
| CAT. NO.    | DESCRIPTION                  |
|-------------|------------------------------|
| <b>SST5</b> | 5" (127 mm) Round Speak-Thru |
| <b>SST7</b> | 7" (178 mm) Round Speak-Thru |

Minimum order: 1 each. Speak-Thrus can be combined for quantity pricing.



### SPECIFICATIONS:

**Material:** 11 Gauge Stainless Steel  
**Finish:** Brushed Stainless Steel #4 Finish  
**Instructions Included**  
**Glass Fabrication Required:**  
 See Instructions





## CRL Covered Speak-Thrus

- Choice of Metal or Lucite Cover
- 4" and 6" (102 and 152 mm) Models Available in Two Finishes

Covered Speak-Thrus are available with two styles of covers; all metal, or metal outer ring with lucite vision port. Both styles are screened to provide an insect-free environment. These heavy-duty units are available in satin anodized or duranodic bronze finishes. Both 4" and 6" (102 and 152 mm) sizes are made to be glazed in 1/4" (6 mm) glass.

### SPECIFICATIONS:

**Materials:** Aluminum; Lucite;  
Perforated Aluminum Plate

**Finishes:** Satin Anodized or  
Duranodic Bronze

**Instructions Included**

**Glass Fabrication:**

4" (102 mm) Models Require a  
3-1/2" (89 mm) Diameter Hole;  
6" (152 mm) Models Require a  
5-1/2" (140 mm) Diameter Hole

Optional Thickness  
Adapter Rings  
are available for  
the 4" (102 mm)  
Speak-Thru only.

One for 1/2"  
(12 mm) glass;  
one for 1-3/4"  
(44 mm) doors.



**TAR134**  
for 1-3/4"  
(44 mm) Doors

**TAR12**  
for 1/2"  
(12 mm) Glass



6" (152 mm) Model  
with Metal Cover

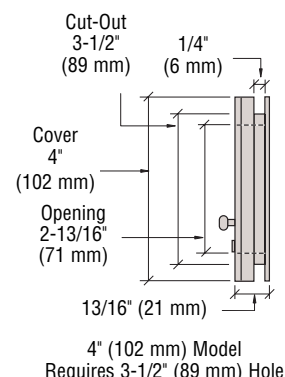
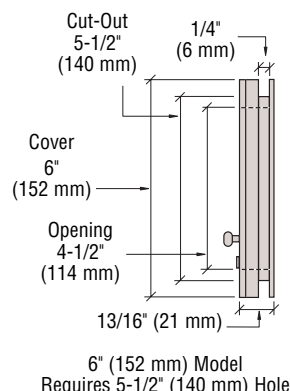


4" (102 mm) Model  
with Lucite Cover



| CAT. NO. | FINISH           | DESCRIPTION                               |
|----------|------------------|-------------------------------------------|
| 405A     | Satin Anodized   | 4" (102 mm) Metal Cover Speak-Thru        |
| 405DU    | Duranodic Bronze | 4" (102 mm) Metal Cover Speak-Thru        |
| 410A     | Satin Anodized   | 4" (102 mm) Lucite Cover Speak-Thru       |
| 410DU    | Duranodic Bronze | 4" (102 mm) Lucite Cover Speak-Thru       |
| 425A     | Satin Anodized   | 6" (152 mm) Metal Cover Speak-Thru        |
| 425DU    | Duranodic Bronze | 6" (152 mm) Metal Cover Speak-Thru        |
| 430A     | Satin Anodized   | 6" (152 mm) Lucite Cover Speak-Thru       |
| 430DU    | Duranodic Bronze | 6" (152 mm) Lucite Cover Speak-Thru       |
| TAR12A   | Satin Anodized   | 4" x 1/2" (102 mm x 12 mm) Adapter Ring   |
| TAR12DU  | Duranodic Bronze | 4" x 1/2" (102 mm x 12 mm) Adapter Ring   |
| TAR134A  | Satin Anodized   | 4" x 1-3/4" (102 mm x 44 mm) Adapter Ring |
| TAR134DU | Duranodic Bronze | 4" x 1-3/4" (102 mm x 44 mm) Adapter Ring |

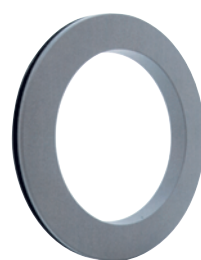
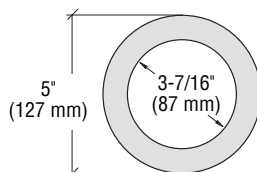
Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



## CRL Plastic Speak-Thru Hole Frame

- Two-Piece Snap-In Unit for 3/16" to 1/4" (5 to 6 mm) Glass
- Available in Aluminum or Bronze Finishes

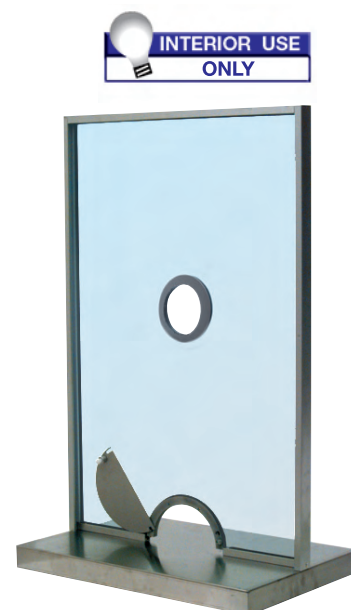
The Plastic Speak-Thru Hole Frame is an easy to snap together unit for interior installations. It conceals roughly ground or chipped hole edges, creating an attractive appearance. It fits 4" (102 mm) diameter holes, and is adjustable for 3/16" to 1/4" (5 to 6 mm) thick glass.



Aluminum



Bronze



| CAT. NO. | FINISH   | DESCRIPTION           |
|----------|----------|-----------------------|
| 543      | Aluminum | Speak-Thru Hole Frame |
| 543BRZ   | Bronze   | Speak-Thru Hole Frame |

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

### SPECIFICATIONS:

**Material:** Plastic  
**Finishes:** Aluminum or Bronze  
**Instructions Included**  
**Glass Fabrication Required:**  
4" (102 mm) Diameter Hole

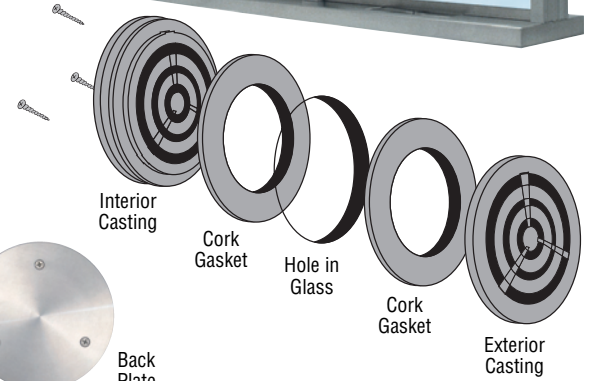
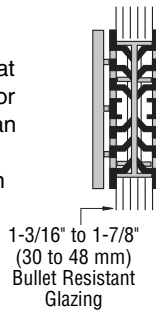
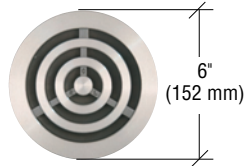
## CRL 6" Round Bullet Resistant Speak-Thru

- Made of Heavy Stainless Steel With Brushed Finish
- Louvers Spaced to Deflect Projectiles
- Level 3 Bullet Resistance (.44 Magnum)

This 6" (152 mm) diameter Speak-Thru is designed for use with bullet resistant glass, acrylic or polycarbonate. Made of heavy stainless steel, the concentric circular louvers are spaced to deflect projectiles entering the cavity between the interior and exterior surfaces. Accommodates glazing thicknesses from 1-3/16" to 1-7/8" (30 to 48 mm). Optional Spacer Rings (shown below) are available for use with glazing materials less than 1-3/16" (30 mm) thick.

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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

| CAT. NO.               | DESCRIPTION                  |
|------------------------|------------------------------|
| N666                   | 6" (152 mm) Round Speak-Thru |
| Minimum order: 1 each. |                              |



### SPECIFICATIONS:

**Material:** Stainless Steel  
**Finish:** Brushed Stainless Steel  
**Bullet Resistance:** Level 3  
**Instructions Included**  
**Glass Fabrication Required:**  
 5" (127 mm) Diameter Hole

### PROTECTION LEVEL



## CRL Optional Spacer Rings for N666 Speak-Thru

- Allows the Use of N666 Speak-Thru With Glazing Less Than 1-3/16" (30 mm) Thick

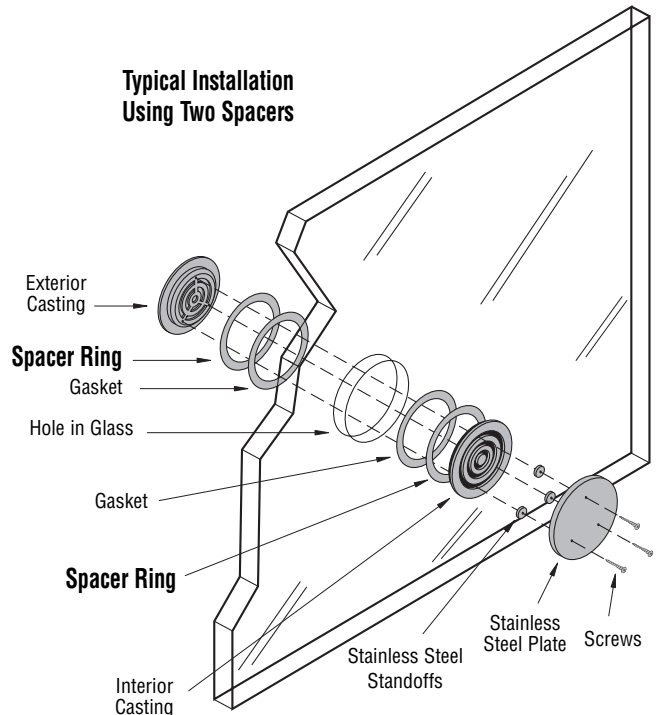
Solid aluminum Spacer Ring used when installing our N666 Bullet Resistant Speak-Thru in glazing less than 1-3/16" (30 mm) thick. Depending on the thickness of the glazing material, Spacer Kits include either one or two rings. Be sure to check Glazing Thickness Range in chart below before ordering.

### SPECIFICATIONS:

**Material:** Aluminum  
**Finish:** Brushed Aluminum  
**Instructions Included**



### Typical Installation Using Two Spacers



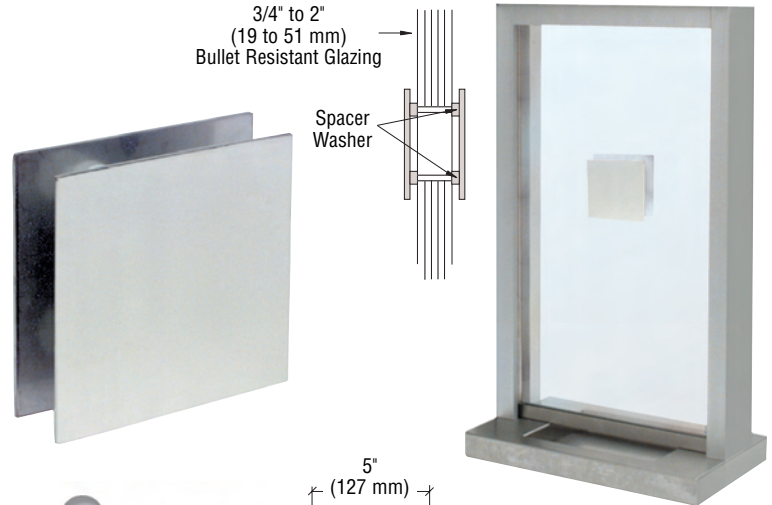
| CAT. NO. | GLAZING THICKNESS RANGE        | SPACERS IN KIT         |
|----------|--------------------------------|------------------------|
| SR666212 | 1/4" to 3/8" (6 to 10 mm)      | Two 1/2" (12 mm) Thick |
| SR666238 | 7/16" to 5/8" (11 to 16 mm)    | Two 3/8" (10 mm) Thick |
| SR666214 | 11/16" to 7/8" (17 to 22 mm)   | Two 1/4" (6 mm) Thick  |
| SR666114 | 15/16" to 1-1/8" (23 to 29 mm) | One 1/4" (6 mm) Thick  |

Minimum order: 1 each.

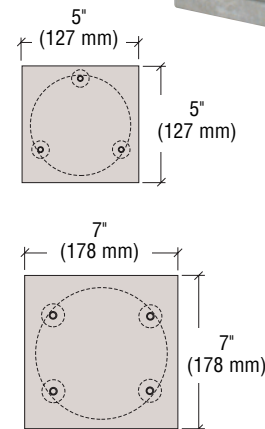
## CRL 5" and 7" Square Bullet Resistant Speak-Thrus

- Two Levels of Bullet Resistance Offered: Level 2 and Level 3
- Air Space Allows Natural Voice Transmission
- Polished Stainless Steel Finish

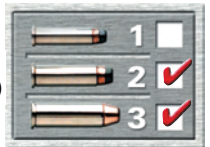
Square Bullet Resistant Speak-Thrus in 5" (127 mm) and 7" (178 mm) are available for Level 2 (.357 Magnum) and Level 3 (.44 Magnum) rated protection. Air space between the glass and unit allows for clear voice transmission. Spacing washers secure the glass through the hole to the front and back plates. Made of heavy stainless steel, Square Bullet Resistant Speak-Thrus will accommodate 3/4" (19 mm) through 2" (51 mm) bullet resistant glass, acrylic or polycarbonate. **NOTE:** Barrel washers to cover screws are included, and should be trimmed to prevent over-tightening on glass.



**SPECIFICATIONS:**  
**Material:** 11 Gauge Stainless Steel  
**Finish:** Polished Stainless Steel  
**Bullet Resistance:** Level 2 and Level 3  
**Instructions Included**  
**Glass Fabrication Required:**  
 5" (127 mm) Model Requires a 4" (102 mm) Diameter Hole;  
 7" (178 mm) Model Requires a 6" (152 mm) Diameter Hole.



### PROTECTION LEVELS



| CAT. NO. | DESCRIPTION                   | BULLET RESISTANCE |
|----------|-------------------------------|-------------------|
| N555     | 5" (127 mm) Square Speak-Thru | Level 2           |
| N555C3   | 5" (127 mm) Square Speak-Thru | Level 3           |
| N777     | 7" (178 mm) Square Speak-Thru | Level 2           |
| N777C3   | 7" (178 mm) Square Speak-Thru | Level 3           |

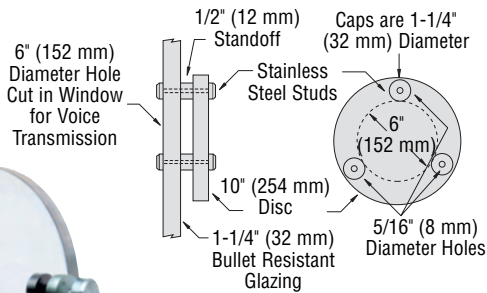
Minimum order: 1 each. Sizes can be combined for quantity pricing.

## CRL Clear Vision Bullet Resistant Speak-Thrus

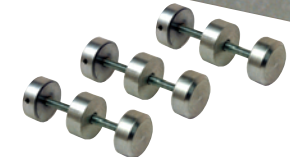
Clear Vision Bullet Resistant Speak-Thrus offer two levels of protection, and provide a clear field of vision. The units are easy to install, and designed for use with plastic glazing materials only. Drill a 6" (152 mm) diameter hole in the bullet resistant window, surrounded by three 5/16" (8 mm) holes spaced at 120 degrees on a 7-1/2" (190 mm) diameter (template included). Secure the 10" (254 mm) Acrylic or Lexgard Disc using the Stainless Steel Studs provided with the unit. The space between the window and disc allows for clear voice transmission. The 10" (254 mm) disc provides enough overlap to prevent direct entry of projectiles. Cat. No. CDS3S Studs Sets are also available for customers preferring to fabricate their own discs. Intended for interior use only.



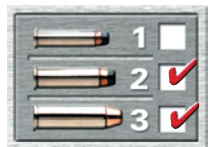
- Disc Overlap Prevents Direct Entry of Projectiles While Allowing Natural Voice Transmission
- Virtually Unobstructed Vision



**SPECIFICATIONS:**  
**Material:** Clear Acrylic; Clear Lexgard; Stainless Steel  
**Finish:** Studs - Brushed Stainless Steel  
**Glazing:** 1-1/4" (32 mm) Level 1 Acrylic; 1-1/4" (32 mm) Level 3 Lexgard  
**Bullet Resistance:** Level 1 and Level 3  
**Instructions Included**  
**Glazing Fabrication Required:**  
 One 6" (152 mm) Diameter Hole;  
 Three 5/16" (8 mm) Diameter Holes.



### PROTECTION LEVELS



| CAT. NO. | DESCRIPTION                                              | BULLET RESISTANCE |
|----------|----------------------------------------------------------|-------------------|
| CAD101   | 10" x 1-1/4" (254 x 32 mm) Clear Acrylic Disc with Studs | Level 1           |
| CLD103   | 10" x 1-1/4" (254 x 32 mm) Clear Lexgard Disc with Studs | Level 3           |
| CDS3S    | Pack of Three Stud Sets Only                             | ---               |

Minimum order: 1 each.



# CRL MAIL SLOTS AND PACKAGE DROPS

For Pricing on CRL Products, Call Toll Free  
(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

## CRL Standard Mail Slots



Satin Anodized



Black Anodized



Duranodic Bronze



- Conform to All Postal Regulations
- Full Radius Corners for Easy Cut-Out
- Made to Fit 1/4" (6 mm) Thick Glass
- Concealed Spring Mechanism
- Spring Tension Closing Eliminates Dust and Water Penetration
- Two Sizes and Three Finishes
- Available in Bulk Packs

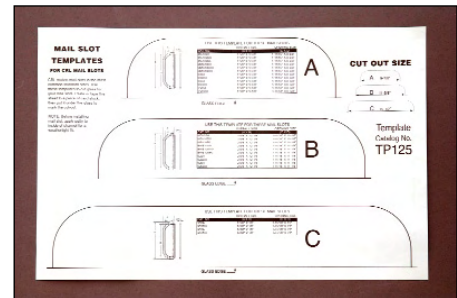


### SPECIFICATIONS:

**Material:** Extruded Aluminum

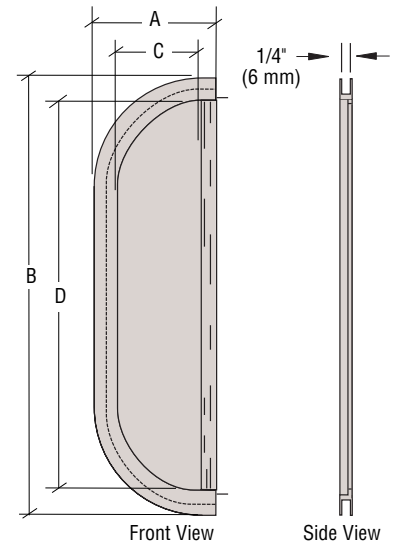
**Finishes:** Satin Anodized, Black Anodized or Duranodic Bronze

**Glass Fabrication:** Glass cut-out available at [crlaurence.com](http://crlaurence.com)



TP125 Template

CRL Standard Mail Slots are designed to be installed in 1/4" (6 mm) glazed entrance doors. Their full radius corners make for easy glass cut-out and installation. Concealed spring mechanism on flap keeps it closed securely, preventing infiltration of dirt, dust, and water. Standard Mail Slots are available in three popular metal finishes, and are individually packed for protection during handling prior to installation. Installation simply requires application of neutral cure silicone to inside of channel to create a weathertight seal. Openings on both sizes conform to U.S. Postal Service Regulations. Please note that some areas require MS125 Series Mail Slots to meet local postal codes. Also recommended if tenant will be receiving larger packages. If a Mail Slot Template is required order Cat. No. TP125.



| CAT. NO.       | FINISH           | OVERALL SIZE (A x B)           | OPENING SIZE (C x D)             |
|----------------|------------------|--------------------------------|----------------------------------|
| <b>MS100A</b>  | Satin Anodized   | 2-5/8" x 9-5/8" (67 x 244 mm)  | 1-11/16" x 8-5/8" (43 x 219 mm)  |
| <b>MS100BL</b> | Black Anodized   | 2-5/8" x 9-5/8" (67 x 244 mm)  | 1-11/16" x 8-5/8" (43 x 219 mm)  |
| <b>MS100DU</b> | Duranodic Bronze | 2-5/8" x 9-5/8" (67 x 244 mm)  | 1-11/16" x 8-5/8" (43 x 219 mm)  |
| <b>MS125A</b>  | Satin Anodized   | 2-5/8" x 12-1/8" (67 x 308 mm) | 1-11/16" x 11-1/8" (43 x 283 mm) |
| <b>MS125BL</b> | Black Anodized   | 2-5/8" x 12-1/8" (67 x 308 mm) | 1-11/16" x 11-1/8" (43 x 283 mm) |
| <b>MS125DU</b> | Duranodic Bronze | 2-5/8" x 12-1/8" (67 x 308 mm) | 1-11/16" x 11-1/8" (43 x 283 mm) |

Minimum order: 1 each. All Aluminum Mail Slots can be combined for quantity pricing.

## CRL Bulk Pack Standard Mail Slots

### • Bulk Packaging Lowers Your Cost

Standard Mail Slots are also available bulk packed in all one color and size. Exact same high quality product as shown above, yet at lower prices per unit. Order Cat. No. TP125 for Mail Slot Template. 12 Bulk Mail Slots per carton.



| CAT. NO.        | FINISH           | OVERALL SIZE (A x B)           | OPENING SIZE (C x D)             |
|-----------------|------------------|--------------------------------|----------------------------------|
| <b>BMS100A</b>  | Satin Anodized   | 2-5/8" x 9-5/8" (67 x 244 mm)  | 1-11/16" x 8-5/8" (43 x 219 mm)  |
| <b>BMS100BL</b> | Black Anodized   | 2-5/8" x 9-5/8" (67 x 244 mm)  | 1-11/16" x 8-5/8" (43 x 219 mm)  |
| <b>BMS100DU</b> | Duranodic Bronze | 2-5/8" x 9-5/8" (67 x 244 mm)  | 1-11/16" x 8-5/8" (43 x 219 mm)  |
| <b>BMS125A</b>  | Satin Anodized   | 2-5/8" x 12-1/8" (67 x 308 mm) | 1-11/16" x 11-1/8" (43 x 283 mm) |
| <b>BMS125BL</b> | Black Anodized   | 2-5/8" x 12-1/8" (67 x 308 mm) | 1-11/16" x 11-1/8" (43 x 283 mm) |
| <b>BMS125DU</b> | Duranodic Bronze | 2-5/8" x 12-1/8" (67 x 308 mm) | 1-11/16" x 11-1/8" (43 x 283 mm) |

Minimum order: 12 each. All Aluminum Mail Slots can be combined for quantity pricing.



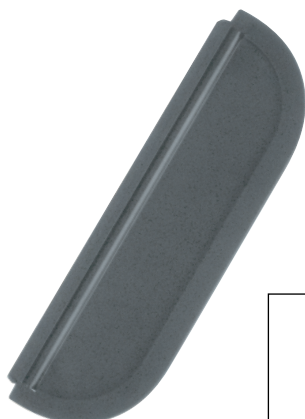
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T192 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL Deluxe Mail Slots With Glass Channel Bar



Satin Anodized

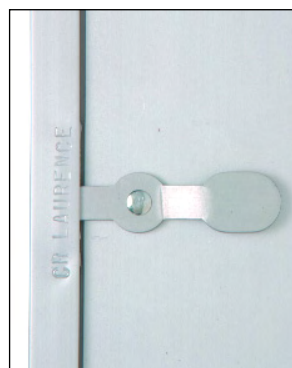
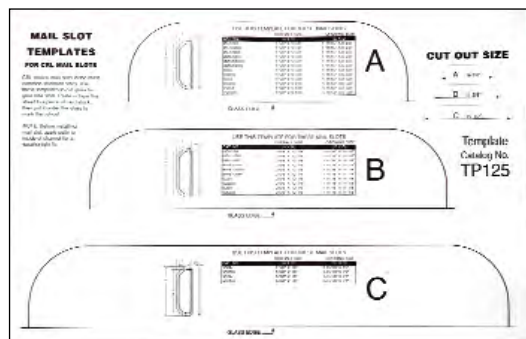


Duranodic Bronze



- All Mechanisms Totally Concealed
- Available With or Without a Latch
- Made to Fit 1/4" (6 mm) Thick Glass
- Spring Tension Closing Eliminates Dust and Water Penetration
- Three Sizes and Two Finishes

Deluxe Mail Slots are furnished with a glass channel bar to fill in the glazing pocket behind the flap. They are available with or without a latch. No mounting screws are required, and all closing mechanisms are concealed. Concealed spring mechanism on flap keeps it closed securely, preventing infiltration of dirt, dust, and water. Deluxe Mail Slots are designed for use with 1/4" (6 mm) glass and are fully reversible. They are available in three sizes and two popular finishes. Order Cat. No. TP125 if a Mail Slot Template is required.



Latched



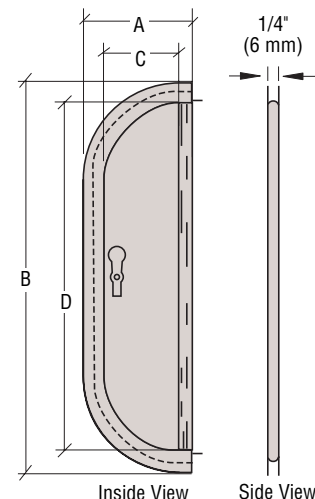
Unlatched

### SPECIFICATIONS:

**Material:** Extruded Aluminum

**Finishes:** Satin Anodized or Duranodic Bronze

**Glass Fabrication:** Glass cut-out available at [crlaurence.com](http://crlaurence.com)



| W/O LATCH<br>CAT. NO. | WITH LATCH<br>CAT. NO. | FINISH           | OVERALL SIZE (A x B)           | OPENING SIZE (C x D)             |
|-----------------------|------------------------|------------------|--------------------------------|----------------------------------|
| 900A                  | 905A                   | Satin Anodized   | 2-5/8" x 9-5/8" (67 x 244 mm)  | 1-11/16" x 8-5/8" (43 x 219 mm)  |
| 900DU                 | 905DU                  | Duranodic Bronze | 2-5/8" x 9-5/8" (67 x 244 mm)  | 1-11/16" x 8-5/8" (43 x 219 mm)  |
| 922A                  | 925A                   | Satin Anodized   | 2-5/8" x 12-1/8" (67 x 308 mm) | 1-11/16" x 11-1/8" (43 x 283 mm) |
| 922DU                 | 925DU                  | Duranodic Bronze | 2-5/8" x 12-1/8" (67 x 308 mm) | 1-11/16" x 11-1/8" (43 x 283 mm) |
| 933A                  | 935A                   | Satin Anodized   | 2-5/8" x 16" (67 x 406 mm)     | 1-11/16" x 15" (43 x 381 mm)     |
| 933DU                 | 935DU                  | Duranodic Bronze | 2-5/8" x 16" (67 x 406 mm)     | 1-11/16" x 15" (43 x 381 mm)     |

Minimum order: 1 each. All Aluminum Mail Slots can be combined for quantity pricing.



## CRL Aluminum Package Drops

- Larger Parcel Capacity
- Made to Fit 1/4" (6 mm) Thick Glass
- Concealed Spring Mechanism
- Spring Tension Closing Eliminates Dust and Water Penetration
- Seven Sizes and Two Finishes
- All With Latch



Satin Anodized



Duranodic Bronze



Aluminum Package Drops are a wider version of our Deluxe Mail Slots. They are preferred in facilities where larger parcels such as manuscripts, legal briefs, video tapes and discs are delivered. Designed to fit into glass doors or sidelites glazed with 1/4" (6 mm) glass. Concealed spring mechanism on flap keeps it closed securely, preventing infiltration of dirt, dust, and water. A turn latch on the flap allows for securing the flap at night, or when not in use. Package Drops are available in seven sizes and two popular finishes.

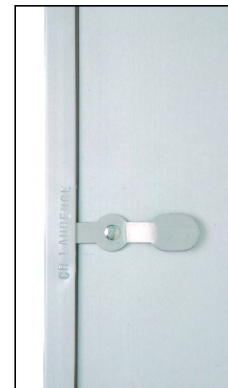
### SPECIFICATIONS:

**Material:** Extruded Aluminum

**Finishes:** Satin Anodized or Duranodic Bronze

**Instructions and Template Included**

**Glass Fabrication:** Glass cut-out available at [crlaurence.com](http://crlaurence.com).



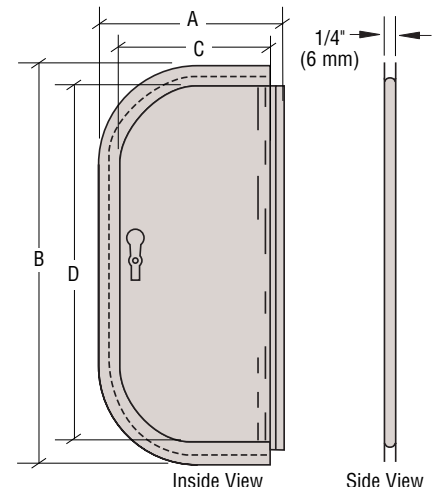
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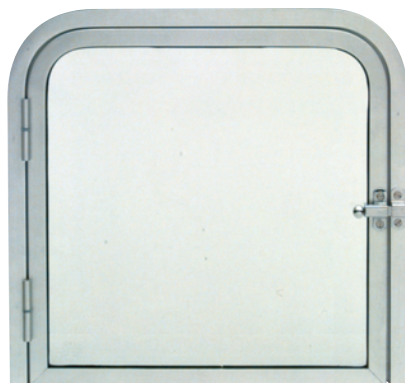
| CAT. NO. | FINISH           | OVERALL SIZE (A x B)        | OPENING SIZE (C x D)         |
|----------|------------------|-----------------------------|------------------------------|
| 9412A    | Satin Anodized   | 4-1/2" x 12" (114 x 305 mm) | 3-9/16" x 11" (90 x 279 mm)  |
| 9412DU   | Duranodic Bronze | 4-1/2" x 12" (114 x 305 mm) | 3-9/16" x 11" (90 x 279 mm)  |
| 9414A    | Satin Anodized   | 4" x 14" (102 x 356 mm)     | 3-1/16" x 13" (78 x 330 mm)  |
| 9414DU   | Duranodic Bronze | 4" x 14" (102 x 356 mm)     | 3-1/16" x 13" (78 x 330 mm)  |
| 9416A    | Satin Anodized   | 4" x 16" (102 x 406 mm)     | 3-1/16" x 15" (78 x 381 mm)  |
| 9416DU   | Duranodic Bronze | 4" x 16" (102 x 406 mm)     | 3-1/16" x 15" (78 x 381 mm)  |
| 9418A    | Satin Anodized   | 4" x 18" (102 x 457 mm)     | 3-1/16" x 17" (78 x 432 mm)  |
| 9418DU   | Duranodic Bronze | 4" x 18" (102 x 457 mm)     | 3-1/16" x 17" (78 x 432 mm)  |
| 9514A    | Satin Anodized   | 5" x 14" (127 x 356 mm)     | 4-1/16" x 13" (103 x 330 mm) |
| 9514DU   | Duranodic Bronze | 5" x 14" (127 x 356 mm)     | 4-1/16" x 13" (103 x 330 mm) |
| 9516A    | Satin Anodized   | 5" x 16" (127 x 406 mm)     | 4-1/16" x 15" (103 x 381 mm) |
| 9516DU   | Duranodic Bronze | 5" x 16" (127 x 406 mm)     | 4-1/16" x 15" (103 x 381 mm) |
| 9518A    | Satin Anodized   | 5" x 18" (127 x 457 mm)     | 4-1/16" x 17" (103 x 432 mm) |
| 9518DU   | Duranodic Bronze | 5" x 18" (127 x 457 mm)     | 4-1/16" x 17" (103 x 432 mm) |

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.





## CRL Clear View Package Doors



- Door Glazed With 1/4" (6 mm) Clear Glass
- Left or Right Handed Models in Two Finishes

The Clear View Package Door provides an unobstructed view of items to be passed before door is opened. It is glazed with 1/4" (6 mm) clear glass, and includes 1/4" (6 mm) vinyl for glazing the frame in the cut-out. Spring loaded metal latch for security and years of reliable service. Satin anodized or duranodic bronze finishes are available hinged left or right from clerk side.

**NOTE:** These doors do not include spring tension closing.

### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Clear Glass; Steel Latch and Hinges

**Finishes:** Satin Anodized or Duranodic Bronze

**Glazing:** 1/4" (6 mm) Thick Glass

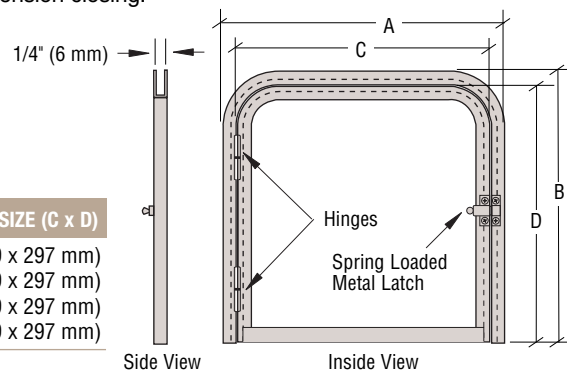
**Glass Fabrication:** Cut-Out Required

**Instructions and Template Included**

Glass cut-out available at [crlaurence.com](http://crlaurence.com)

| CAT. NO.  | FINISH           | HINGED* | OVERALL SIZE (A x B)         | OPENING SIZE (C x D)               |
|-----------|------------------|---------|------------------------------|------------------------------------|
| 1213LHA   | Satin Anodized   | Left    | 13" x 12-1/2" (330 x 318 mm) | 11-3/8" x 11-11/16" (289 x 297 mm) |
| 1213RHA   | Satin Anodized   | Right   | 13" x 12-1/2" (330 x 318 mm) | 11-3/8" x 11-11/16" (289 x 297 mm) |
| 1213LH DU | Duranodic Bronze | Left    | 13" x 12-1/2" (330 x 318 mm) | 11-3/8" x 11-11/16" (289 x 297 mm) |
| 1213RH DU | Duranodic Bronze | Right   | 13" x 12-1/2" (330 x 318 mm) | 11-3/8" x 11-11/16" (289 x 297 mm) |

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. \* From clerk side.



Side View

Inside View

## CRL Package Drops With Aluminum Doors

- Largest Size Offers 10" x 8-1/4" (254 x 210 mm) Opening
- Fully Reversible
- Metal Latch
- Installs in 1/4" (6 mm) Glass



These Package Drops are designed to be installed in a grooved counter or horizontal mullion with a glazing pocket for 1/4" (6 mm) glass. The units can also be installed vertically.

**NOTE:** These doors do not include spring tension closing.

### SPECIFICATIONS:

**Material:** Extruded Aluminum

**Finishes:** Satin Anodized or Duranodic Bronze

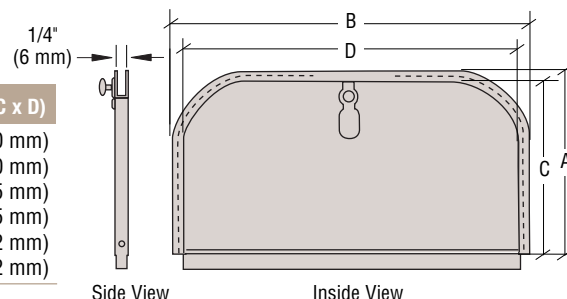
**Glass Fabrication:** Cut-Out Required

**Instructions and Template Included**

Glass cut-out available at [crlaurence.com](http://crlaurence.com)

| CAT. NO. | FINISH           | OVERALL SIZE (A x B)            | OPENING SIZE (C x D)            |
|----------|------------------|---------------------------------|---------------------------------|
| 300A     | Satin Anodized   | 10-3/4" x 9-1/4" (273 x 235 mm) | 10" x 8-1/4" (254 x 210 mm)     |
| 300DU    | Duranodic Bronze | 10-3/4" x 9-1/4" (273 x 235 mm) | 10" x 8-1/4" (254 x 210 mm)     |
| 522A     | Satin Anodized   | 5-1/8" x 9-7/8" (130 x 251 mm)  | 4-1/4" x 8-7/8" (108 x 225 mm)  |
| 522DU    | Duranodic Bronze | 5-1/8" x 9-7/8" (130 x 251 mm)  | 4-1/4" x 8-7/8" (108 x 225 mm)  |
| 532A     | Satin Anodized   | 5-1/8" x 12-1/2" (130 x 318 mm) | 4-1/4" x 11-1/2" (108 x 292 mm) |
| 532DU    | Duranodic Bronze | 5-1/8" x 12-1/2" (130 x 318 mm) | 4-1/4" x 11-1/2" (108 x 292 mm) |

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.



Side View

Inside View

# CRL MAIL SLOTS AND PACKAGE DROPS

For Pricing on CRL Products, Call Toll Free  
(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

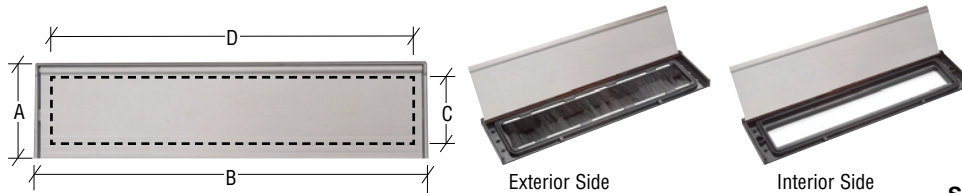
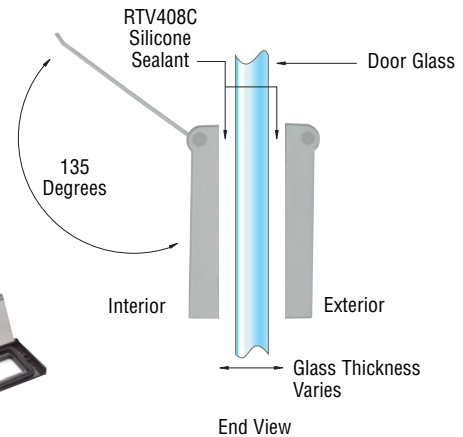
## CRL No-Draft Mail Slots

**new**

- New Design for All Thicknesses of Glass, Wood, and Even Insulating Glass Doors
- Energy Efficient, Ideal for All Climates
- Internal Brush Strip for Added Insulation and Privacy
- Available in Satin Anodized and Black Anodized



CRL No-Draft Mail Slots are designed to keep out the weather as well as dust and dirt. The CRL No-Draft Mail Slot has two door flaps, both spring-loaded and weatherstripped, as well as an internal brush strip for greater insulation and privacy. Both the external and internal flaps open to 135 degrees for easy access. Both have durable nylon torsion rods instead of springs to keep both flaps tightly shut. Made from high impact ABS plastic and anodized aluminum, CRL No-Draft Mail Slots will not rust or tarnish over time. Easy to install by simply running a bead of CRL Cat. No. RTV408C Clear Silicone on both the interior and exterior sleeves and attaching each side to the glass around the 10-1/4" (260 mm) wide x 1-7/8" (48 mm) high cut-out. Intended for horizontal orientation where glass surrounds slots on all four sides.



| CAT. NO. | FINISH         | OVERALL SIZE (A x B)       | OPENING SIZE (C x D)           |
|----------|----------------|----------------------------|--------------------------------|
| NDMS13A  | Satin Anodized | 3" x 11-1/2" (76 x 292 mm) | 1-7/16" x 9-3/4" (37 x 248 mm) |
| NDMS13BL | Black Anodized | 3" x 11-1/2" (76 x 292 mm) | 1-7/16" x 9-3/4" (37 x 248 mm) |

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

### SPECIFICATIONS:

**Material:** Extruded Aluminum

**Finishes:** Satin Anodized or Black Anodized

**Glass Fabrication:** Cut-Out Required

**Template and Instructions Included**

Glass cut-out available at [crlaurence.com](http://crlaurence.com)

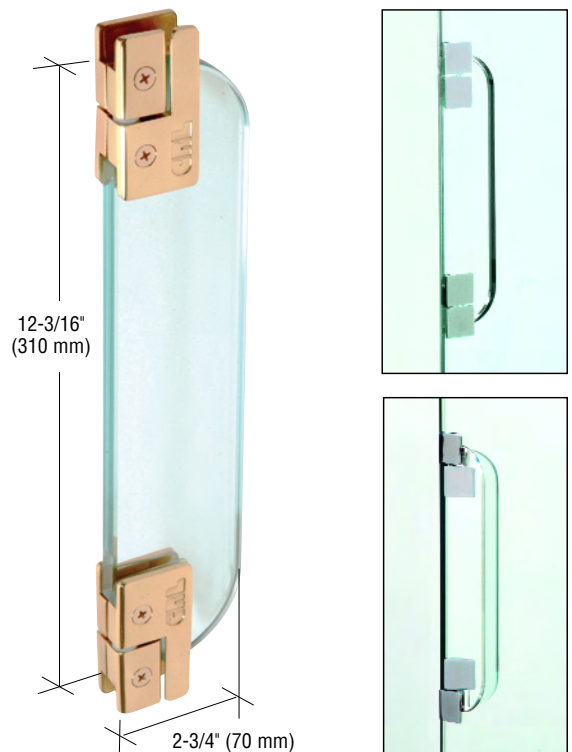
## CRL Frameless 'All-Glass' Mail Slots

- Beautiful Accessory for Frameless 'All-Glass' Entrance Doors
- Made to Fit 1/2" (12 mm) Thick Glass
- Spring Tension Closing
- Four Finishes Available

Another CRL innovation is our brass constructed Frameless Mail Slot for commercial 'all-glass' entrance doors. This easy to install unit features a 1/2" (12 mm) glass flap with a pair of spring hinges that will fit 1/2" (12 mm) thick glass. It's a beautiful alternative to the traditional aluminum mail slot. Available in four architectural finishes to complement our Door Rail and Patch Hardware. Custom finishes are also available.

**new**

U.S. Patent D480, 200



| CAT. NO. | FINISH          |
|----------|-----------------|
| FMS500BN | Brushed Nickel  |
| FMS500BR | Lacquered Brass |
| FMS500CH | Polished Chrome |
| FMS500SC | Satin Chrome    |

### SPECIFICATIONS:

**Material:** Solid Brass

**Glazing:** 1/2" (12 mm) Glass

**Glass Fabrication:** Cut-Out Required

**Instructions and Templates Included**

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

LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

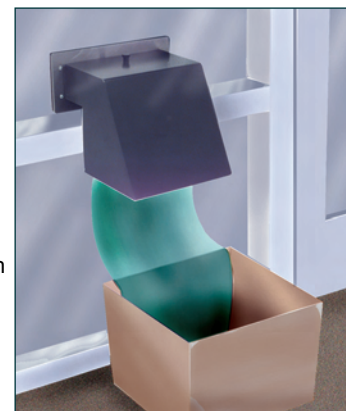
T196 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL Deluxe Through-Glass Video/DVD Drop



- Full Size Opening Directs Video Tapes and DVD's to Collection Bin
- Brushed Stainless Steel Face Plate
- Installs in 1/4" to 1" (6 to 25 mm) Glass

The Deluxe Through-Glass Video/DVD Drop allows customers to return videos and DVD's after business hours while maintaining store security. The unit fits through a cut-out in the glass and clamps together by tightening four screws. Brushed stainless steel face plate has an 8-1/2" (216 mm) wide x 2" (51 mm) high deposit slot backed by a spring loaded flap that helps reduce air infiltration. A detachable rear chute cover provides additional security, and has a removable spring loaded bar at the base for attachment of the vinyl slide to gently and safely direct video tapes and DVD's to a collection bin.



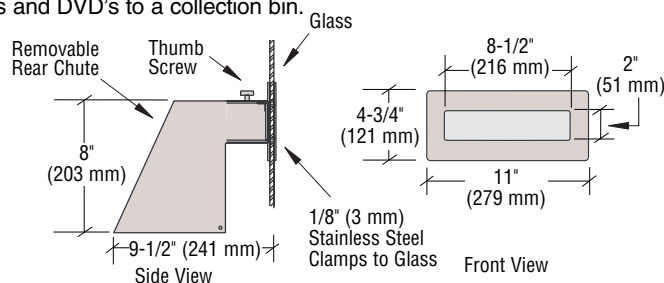
### SPECIFICATIONS:

**Material:** Stainless Steel; Steel; Plastic

**Finishes:** Brushed Stainless Steel (Face Plate Only); Black ABS Plastic (Rear Chute)

### Instructions Included

Glass cut-out available at [crlaurence.com](http://crlaurence.com)



| CAT. NO. | DESCRIPTION                         | SLOT SIZE (W x H)         |
|----------|-------------------------------------|---------------------------|
| DVD82    | Deluxe Through-Glass Video/DVD Drop | 8-1/2" x 2" (216 x 51 mm) |

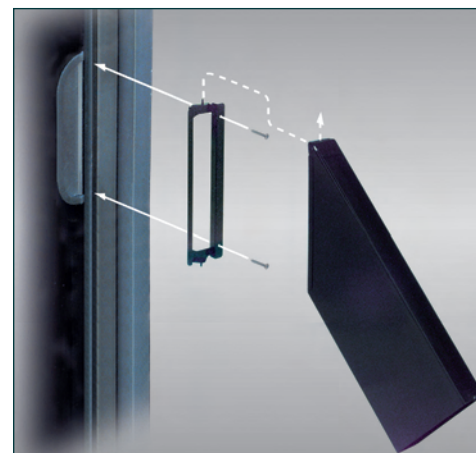
Minimum order: 1 each. All Video/DVD Drops can be combined for quantity pricing.

## CRL Mail Slot Video/DVD Drop



- Fits Over Standard Mail Slot in Glass Storefront Doors
- Angled Chute is Removable During Business Hours
- Reversible for Left or Right Side of Door

The Mail Slot Video/DVD Drop is designed to fit behind a standard size mail slot in a glass storefront door. A reversible bracket is affixed to the door directly behind the mail slot. An angled chute is then hung from the bracket to direct deposited video tapes and DVD's into a collection bin placed on the floor. Chute is removable for full use of door during business hours. Available with or without a Standard Size Mail Slot for 1/4" (6 mm) thick glass doors in a satin anodized or duranodic bronze finish.



### SPECIFICATIONS:

**Material:** Extruded Aluminum; Steel

**Finishes:** Mail Slot - Satin Anodized or Duranodic Bronze; Rear Chute - Black Painted Steel

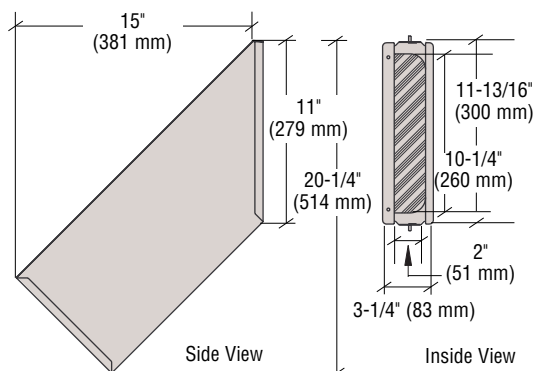
### Instructions Included

Glass cut-out available at [crlaurence.com](http://crlaurence.com)



| CAT. NO. | DESCRIPTION                  | MAIL SLOT FINISH |
|----------|------------------------------|------------------|
| EVDA     | Chute, Bracket and Mail Slot | Satin Anodized   |
| EVDDU    | Chute, Bracket and Mail Slot | Duranodic Bronze |
| EVDS     | Chute and Bracket Only       |                  |

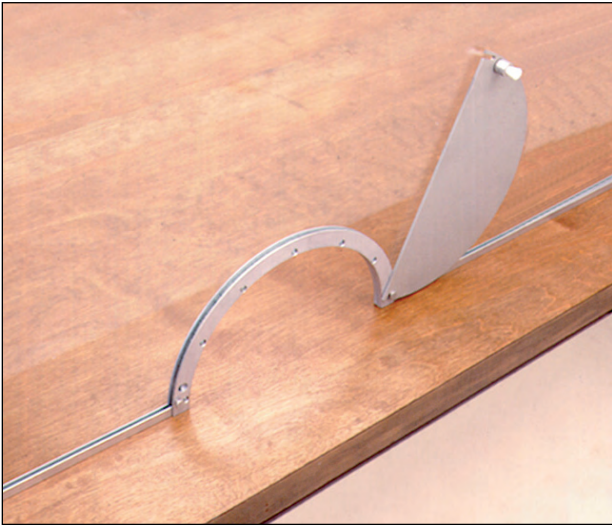
Minimum order: 1 each. All Video/DVD Drops can be combined for quantity pricing.



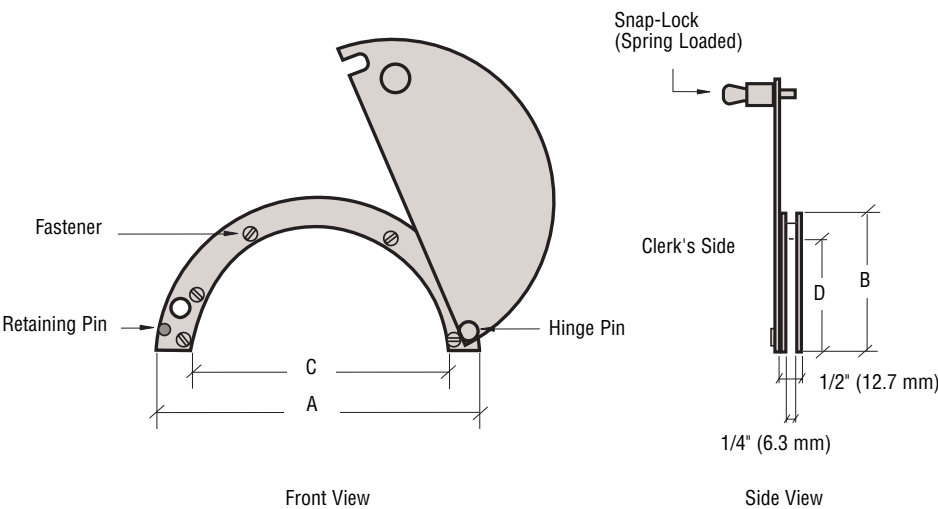


CRL Half-Round Ticket Windows

- Three Sizes and Two Finishes
- Latching Cover Plate Can Be Removed
- Made to Fit 1/4" (6 mm) Thick Glass
- Custom Spacer Rings Available for Thicker Glass



The Half-Round Ticket Window has a swing-away cover plate that is equipped with a tamper-resistant snap lock and retaining pin for security. The cover plate is also removable when desired. Constructed of extruded aluminum, they are available in satin anodized or duranodic bronze finishes in three sizes. All are made to fit in 1/4" (6 mm) thick glass, and optional Spacer Rings are available for thicker glass (see next page). A simple-to-do semi-circular cut-out is required for installation. A template is included. Glass cut-out information and installation guide available online at [crlaurence.com](http://crlaurence.com) or call Transaction Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760.



| CAT. NO. | FINISH           | OVERALL SIZE (A x B)    | SERVICE OPENING SIZE (C x D)    |
|----------|------------------|-------------------------|---------------------------------|
| 720A     | Satin Anodized   | 8" x 4" (203 x 102 mm)  | 6-1/2" x 3-1/4" (165 x 83 mm)   |
| 720DU    | Duranodic Bronze | 8" x 4" (203 x 102 mm)  | 6-1/2" x 3-1/4" (165 x 83 mm)   |
| 723A     | Satin Anodized   | 10" x 5" (254 x 127 mm) | 8-1/2" x 4-1/4" (216 x 108 mm)  |
| 723DU    | Duranodic Bronze | 10" x 5" (254 x 127 mm) | 8-1/2" x 4-1/4" (216 x 108 mm)  |
| 725A     | Satin Anodized   | 12" x 6" (305 x 152 mm) | 10-1/2" x 5-1/4" (267 x 133 mm) |
| 725DU    | Duranodic Bronze | 12" x 6" (305 x 152 mm) | 10-1/2" x 5-1/4" (267 x 133 mm) |

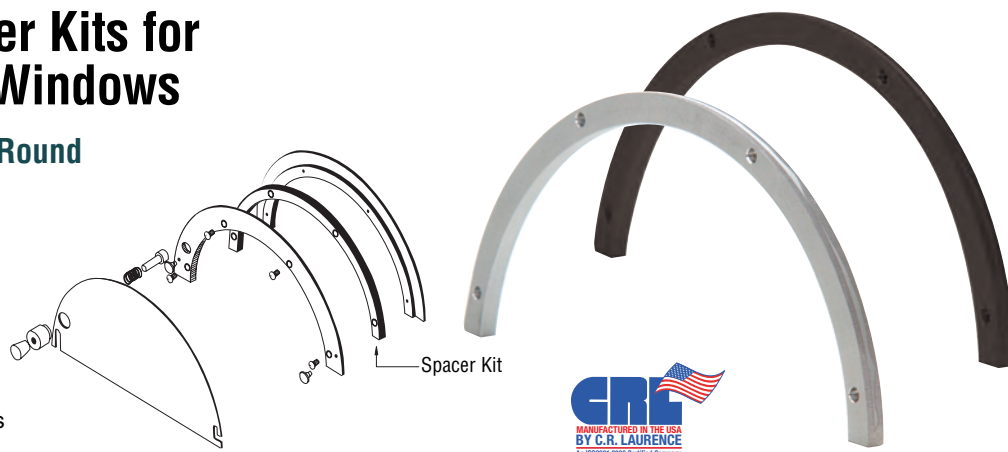
**SPECIFICATIONS:**  
**Materials:** Extruded Aluminum  
**Finishes:** Satin Anodized or Duranodic Bronze  
**Glass Fabrication:** Cut-Out Required  
**Instructions, Fasteners, and Templates Included**

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

## CRL Optional Spacer Kits for Half-Round Ticket Windows

- Allows the Use of Our Half-Round Ticket Windows With 1/2" (12 mm) Glazing
- Custom Spacer Kits Also Available (Specify Thickness)

Optional Spacer Kits are used when installing our Half-Round Ticket Windows in glazing thicker than 1/4" (6 mm). Half Round Ticket Windows sold separately (see previous page).



| CAT. NO. | FINISH           | GLAZING THICKNESS | DESCRIPTION          |
|----------|------------------|-------------------|----------------------|
| 720A12   | Satin Anodized   | 1/2" (12 mm)      | Spacer Kit for 720A  |
| 720DU12  | Duranodic Bronze | 1/2" (12 mm)      | Spacer Kit for 720DU |
| 723A12   | Satin Anodized   | 1/2" (12 mm)      | Spacer Kit for 723A  |
| 723DU12  | Duranodic Bronze | 1/2" (12 mm)      | Spacer Kit for 723DU |
| 725A12   | Satin Anodized   | 1/2" (12 mm)      | Spacer Kit for 725A  |
| 725DU12  | Duranodic Bronze | 1/2" (12 mm)      | Spacer Kit for 725DU |

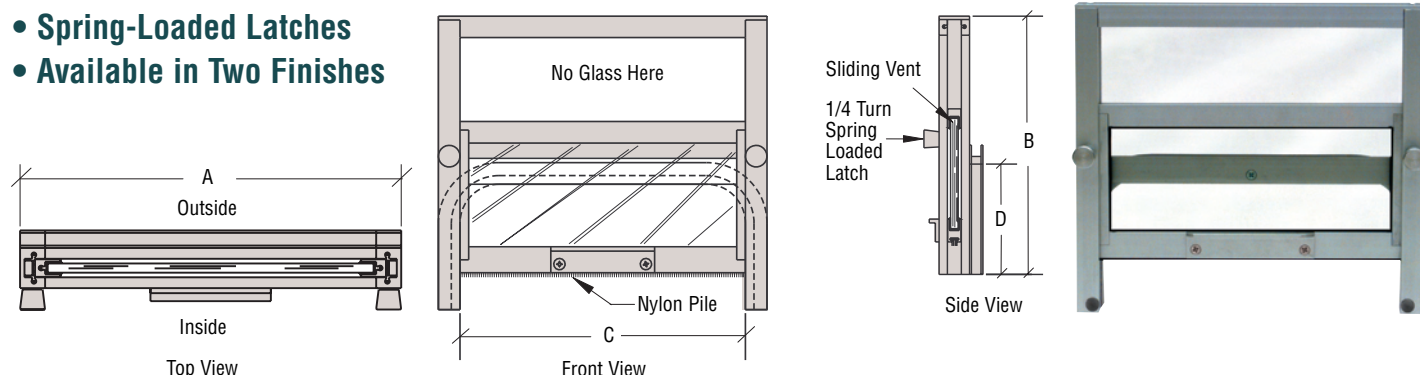
Minimum order: 1 each.

### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Foam Tape  
**Finishes:** Satin Anodized or Duranodic Bronze  
**Glass Fabrication:** Cut-Out Required  
**Fasteners Included**

## CRL Vertical Sliding Ticket Windows

- Spring-Loaded Latches
- Available in Two Finishes



The Vertical Sliding Ticket Window can be installed above the counter top without altering its surface. It is fabricated of heavy gauge extruded aluminum in satin anodized or duranodic bronze finishes. The sliding lower panel is glazed with 1/4" (6 mm) clear glass, and has spring-tensioned guides to hold it in the raised position. Two spring-loaded knob latches will secure the window in the closed position. Pile weatherstripping along the lower frame prevents drafts. Frame protrudes only 1" (25.4 mm) on clerk's side, and glass channel installs easily in 1/4" (6 mm) thick glass. Template included. Glass cut-out information and installation guide available online at [crlaurence.com](http://crlaurence.com) or call Transaction Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7760. Custom sized channels to install on thicker glazed units are available on special order.

| CAT. NO. | FINISH           | OVERALL SIZE (A x B)            | SERVICE OPENING SIZE (C x D)  |
|----------|------------------|---------------------------------|-------------------------------|
| 701A     | Satin Anodized   | 9-1/2" x 8-1/2" (241 x 216 mm)  | 8-1/4" x 3-1/2" (210 x 89 mm) |
| 701DU    | Duranodic Bronze | 9-1/2" x 8-1/2" (241 x 216 mm)  | 8-1/4" x 3-1/2" (210 x 89 mm) |
| 702A     | Satin Anodized   | 19-1/4" x 8-1/2" (489 x 216 mm) | 18" x 3-1/2" (457 x 89 mm)    |
| 702DU    | Duranodic Bronze | 19-1/4" x 8-1/2" (489 x 216 mm) | 18" x 3-1/2" (457 x 89 mm)    |

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing.

### SPECIFICATIONS:

**Materials:** Extruded Aluminum; Tempered Glass;  
Nylon Pile Weatherstripping  
**Finishes:** Satin Anodized or Duranodic Bronze  
**Glazing:** 1/4" (6 mm) Clear Glass  
**Glass Fabrication:** Cut-Out Required  
**Instructions and Template Included**

# CRL TICKET WINDOWS

For Pricing on CRL Products, Call Toll Free  
(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

## CRL Ticket Windows

- Stock Size Ready to Ship
- Complete With Speak-Thru, Half Round Ticket Window, and Stainless Steel Shelf
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)



Our Ticket Window unit is ready for immediate installation. It includes an aluminum framed stationary 1/4" (6 mm) clear tempered glass window, a Cat. No. 834A Speak-Thru, and a Cat. No. 720A Ticket Window. This sits atop a stainless steel shelf measuring 24" (610 mm) wide x 18" (457 mm) deep x 2" (51 mm) thick. Standard unit is shipped unattached to stainless steel shelf. This Ticket Window is also available custom built to your requirements for size and finish. An overhang is recommended for exterior use.

### SPECIFICATIONS:

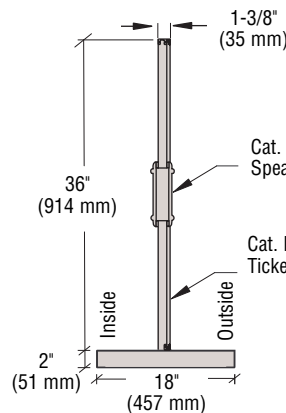
**Materials:** Aluminum Extrusion; Tempered Safety Glass; Stainless Steel

**Finishes:** Frame - Satin Anodized;  
Shelf - Brushed Stainless Steel # 4 Finish

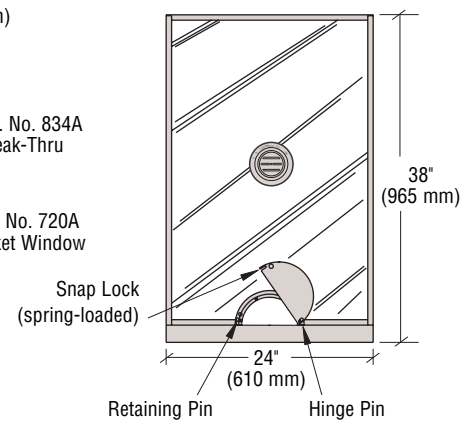
**Glazing:** 1/4" (6 mm) Tempered Safety Glass

**Bullet Resistance:** Not Rated

**Instructions Included**



Side View



Front View

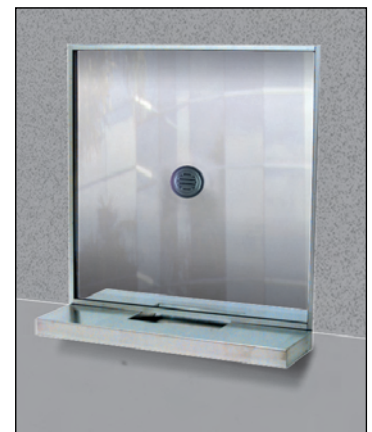
| CAT. NO. | WIDTH        | DEPTH        | HEIGHT       |
|----------|--------------|--------------|--------------|
| SCW102N  | 24" (610 mm) | 18" (457 mm) | 38" (965 mm) |
| SCW102C* | Specify      | Specify      | Specify      |

Minimum order: 1 each. \* Custom made to your requirements.

## CRL Cashier Windows

- Includes Stainless Steel Shelf With Built-In Deal Tray and Speak-Thru
- Stock Size Ready to Ship
- Drawings and Specifications Are Available at [crlaurence.com](http://crlaurence.com)

The Cashier Window unit has a stationary tempered 1/4" (6 mm) clear glass window surrounded by a satin finish aluminum frame. A Cat. No. 834A Speak-Thru is supplied with the window, and the unit is mounted on a stainless steel shelf with recessed coin and cash tray. The shelf assembly measures 30" (762 mm) wide x 18" (457 mm) deep x 2" (51 mm) thick. The entire unit is ready for immediate installation on receipt. An overhang is recommended for exterior use.



| CAT. NO. | WIDTH        | DEPTH        | HEIGHT       |
|----------|--------------|--------------|--------------|
| SCW103N  | 30" (762 mm) | 18" (457 mm) | 32" (813 mm) |
| SCW103C* | Specify      | Specify      | Specify      |

Minimum order: 1 each. \* Custom made to your requirements.

### SPECIFICATIONS:

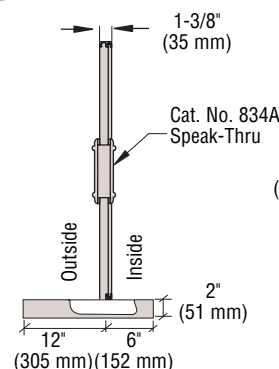
**Materials:** Aluminum Extrusion; Tempered Safety Glass; Stainless Steel

**Finishes:** Frame - Satin Anodized;  
Shelf - Brushed Stainless Steel # 4 Finish

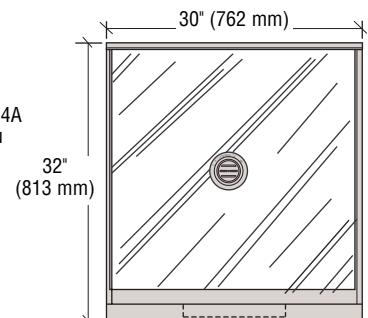
**Glazing:** 1/4" (6 mm) Tempered Safety Glass

**Bullet Resistance:** Not Rated

**Instructions Included**



Side View



Front View

LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

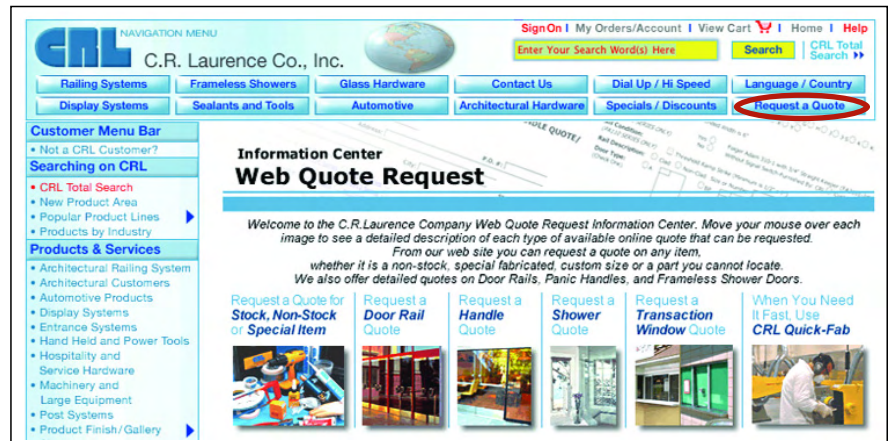
T200 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA



## CRL Web Quotes

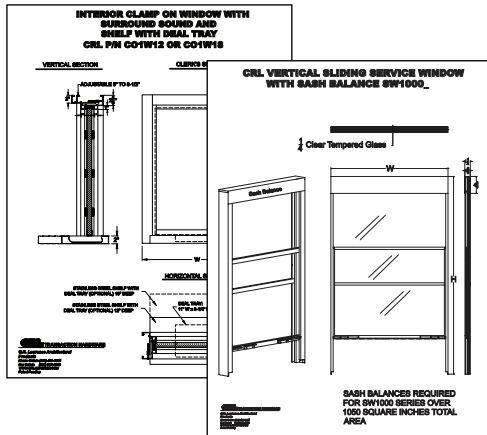
CRL sells over 50,000 products. Many of them are custom made to your specifications, so in order to get pricing a quote must be done. Items that can be quoted in this area range from: Service and Transaction Windows; Door Rails; Custom Door Handles; Shower Door Hardware; Mirror Frames; Showcases; Partition Posts; and much more. Quotes can also be requested on large quantities of stock items that are above and beyond our normal price breaks.

Simply click on the "Request a Quote" link from the [crlaurence.com](http://crlaurence.com) web site, and follow the instructions. It's that easy.



## Drawings and Specifications – How to Get Them

### Let CRL be a Team Player on All Your Transaction Hardware Projects



Our web site is designed for easy access to product information and drawings alike! Simply click on "Architectural Customers" on the [crlaurence.com](http://crlaurence.com) home page and you will find products listed by CSI section for easy reference. Many products have links for technical drawings and written product specifications, which can easily be downloaded into your own working documents.



Never before have product submittals to architects and general contractors been so easy. CRL wants you to succeed, and by teaming together we feel projects will run smooth, on time, and within budget!

## A Key to the Icons Used Throughout This Catalog:



= Designates a new product introduced since our last Transaction Hardware Catalog.



= Product is recommended to be used with tempered safety glass only.



= Product is recommended for both interior and exterior type installations.



= Product is recommended for interior installations only, and may not be weatherized to handle outdoor conditions.



= Designed, Engineered, and Manufactured in the USA by C.R. Laurence Company.



= Designed with locking mechanism mounted at a comfortable height above finished floor to lock or unlock your doors.



= When speed is an important factor, CRL's exclusive Quick-Fab Program can ship custom-built units in as few as five business days directly from our California manufacturing plant.

PROTECTION LEVEL



= Bullet Resistant Protection Level available per product offering. Protection Levels are based on testing recognized under the standards established by Underwriters' Laboratories (U.L. 752). See page T147.

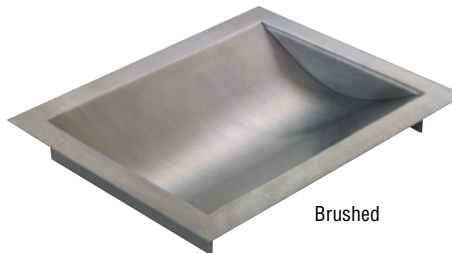
## CRL Standard Drop In Deal Tray

- Flush Drop In Design
- Ideal for Cash and Coins
- Polished or Brushed Stainless Steel Finish

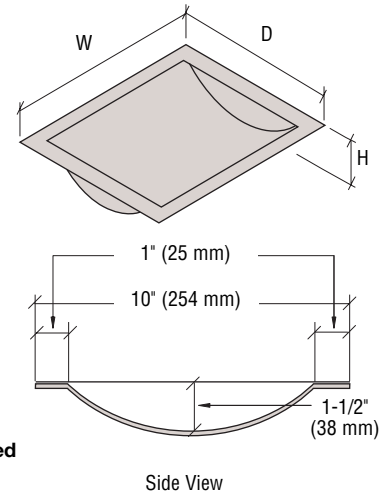
Standard Drop In Deal Trays are made of a heavy gauge stainless steel with a choice of a bright polished or brushed finish designed to withstand years of exposure while resisting nicks and scratches. The dish section measures 1-1/2" (38 mm) deep with a 1" (25 mm) wide perimeter lip all around. Three widths are available up to 16" (406 mm), making this tray an excellent choice for ticket booths, service stations, and other locations where smaller items are passed. Installation is as simple as cutting a rectangular opening in the counter top, and dropping in the Deal Tray that meets your needs. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Custom sizes are also available on special order.



Polished



Brushed



### SPECIFICATIONS:

**Material:** Stainless Steel

### Finishes:

Polished or Brushed  
Stainless Steel

#4 Finish, 16 gauge

### Instructions Included

**Counter Fabrication Required**

Cut-out information available  
online at [crlaurence.com](http://crlaurence.com)

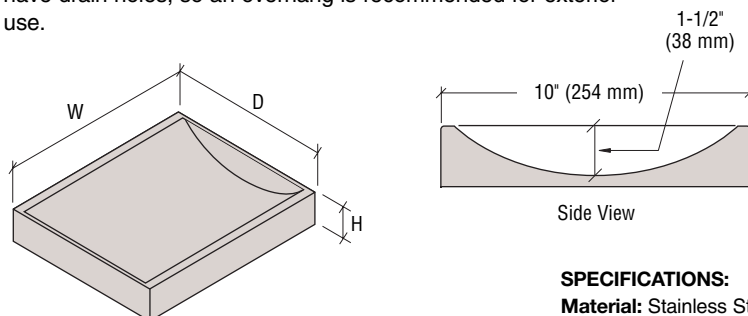
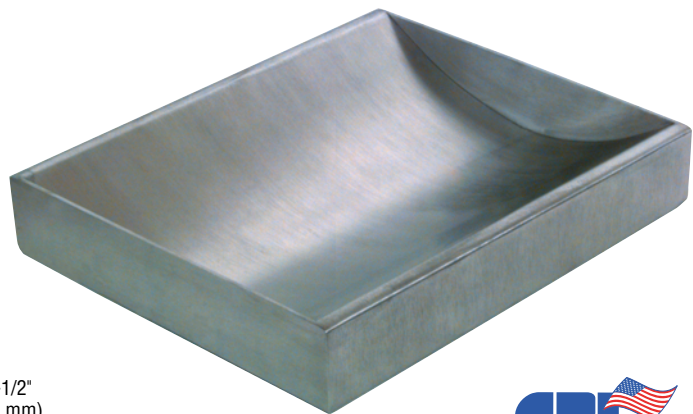
| POLISHED<br>STAINLESS<br>CAT. NO. | BRUSHED<br>STAINLESS<br>CAT. NO. | WIDTH        | DEPTH        | HEIGHT          |
|-----------------------------------|----------------------------------|--------------|--------------|-----------------|
| CTD08                             | CTDB08                           | 8" (203 mm)  | 10" (254 mm) | 1-9/16" (39 mm) |
| CTD12                             | CTDB12                           | 12" (305 mm) | 10" (254 mm) | 1-9/16" (39 mm) |
| CTD16                             | CTDB16                           | 16" (406 mm) | 10" (254 mm) | 1-9/16" (39 mm) |

Minimum order: 1 each.

## CRL Standard Counter Top Deal Tray

- Counter Top Convenience
- No Cut-Out Required in Counter
- Brushed Stainless Steel Finish

Counter Top Deal Trays are ideal for use in areas where the counter cannot be recessed or altered to accept Drop In Deal Trays. The Tray has a box shape that allows it to be placed on top of the counter in any position. Notching the glass around the Tray provides for secure transactions. Made of heavy gauge brushed stainless steel and available in two sizes. Custom sizes are also available on special order. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use.



Side View

### SPECIFICATIONS:

**Material:** Stainless Steel

### Finishes:

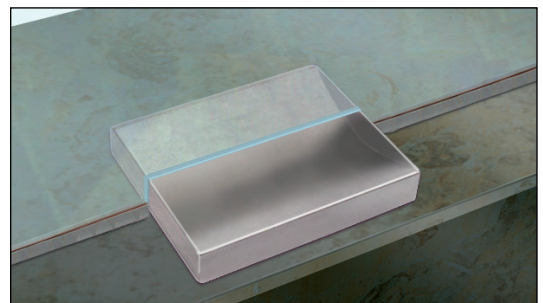
Brushed Stainless Steel  
#4 Finish, 16 and 11 gauge

### Instructions Included

**Glass Fabrication Required**

| CAT. NO. | WIDTH        | DEPTH        | HEIGHT     |
|----------|--------------|--------------|------------|
| CTC12    | 12" (305 mm) | 10" (254 mm) | 2" (51 mm) |
| CTC16    | 16" (406 mm) | 10" (254 mm) | 2" (51 mm) |

Minimum order: 1 each.

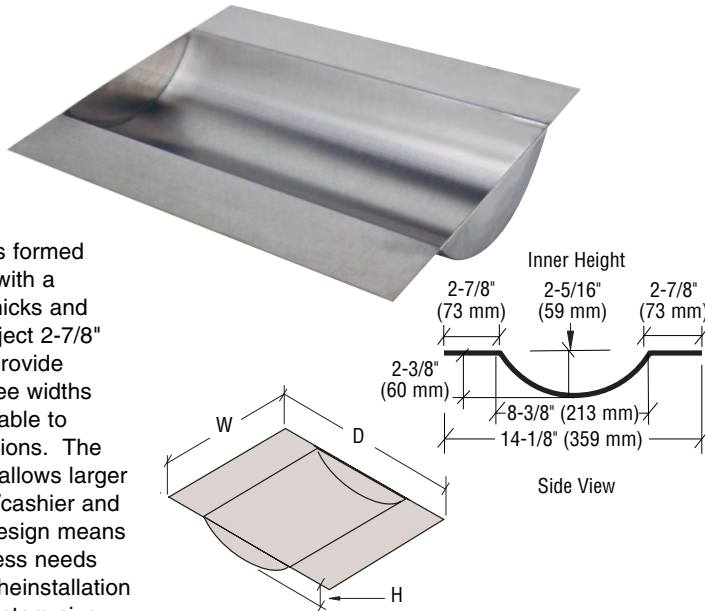




## CRL Deluxe Drop In Deal Trays

- Deep Dish Section for Passing Larger Items
- Flush Drop In Design
- Heavy Gauge Stainless Steel

The Deluxe Drop In Deal Tray is formed from heavy gauge stainless steel with a brushed finish that is resistant to nicks and scratches. Front and rear lips project 2-7/8" (73 mm) from the dish portion to provide protection for the counter top. Three widths up to 24" (610 mm) wide are available to accommodate a variety of installations. The 2-3/8" (60 mm) deep dish section allows larger items to be passed between clerk/cashier and the customer. The flush drop in design means that only a simple rectangular recess needs to be cut into the counter top, so the installation is not complicated. In addition, custom size Deluxe Trays can be fabricated to meet the requirements of any installation. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use.



### SPECIFICATIONS:

**Material:** Stainless Steel

**Finishes:**  
Brushed Stainless Steel  
#4 Finish, 16 gauge

**Instructions Included**

**Counter Fabrication Required**

Cut-out information available  
online at [crlaurence.com](http://crlaurence.com)

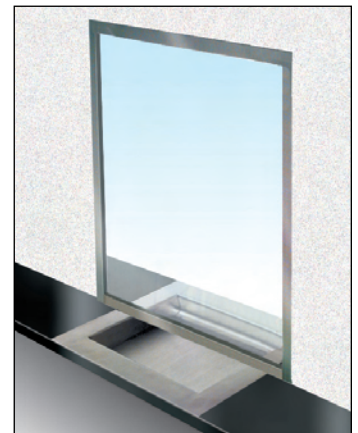
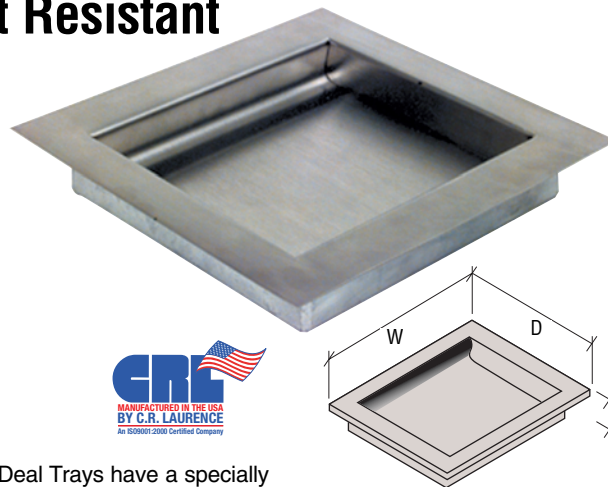
| CAT. NO. | WIDTH        | DEPTH            | HEIGHT         |
|----------|--------------|------------------|----------------|
| T12SS    | 12" (305 mm) | 14-1/8" (359 mm) | 2-3/8" (60 mm) |
| T18SS    | 18" (457 mm) | 14-1/8" (359 mm) | 2-3/8" (60 mm) |
| T24SS    | 24" (610 mm) | 14-1/8" (359 mm) | 2-3/8" (60 mm) |

Minimum order: 1 each.

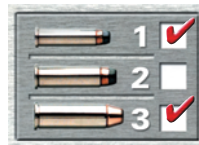
## Non-Ricochet Bullet Resistant Drop In Deal Trays

- Inner Curved Design Provides Bullet Resistance
- Easy Out Radius on Customer Side
- Brushed Stainless Steel
- Level 1 or Level 3 Protection Offered

Non-Ricochet Bullet Resistant Drop In Deal Trays have a specially shaped inner curved design that will provide bullet resistance. The shape assists in retaining the bullet inside the tray or directing it back towards the glass above, depending upon the angle of entry. These easy to install trays are available as Level 1 Ballistic MPSA or Level 3 Ballistic SPSA. Constructed of brushed stainless steel, with two sizes of each level available. Custom sizes are also available on special order. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use.



### PROTECTION LEVELS



### SPECIFICATIONS:

**Material:** Stainless Steel

**Finishes:**  
Brushed Stainless Steel  
#4 Finish, 14 gauge and  
7 gauge (Level 3 pan only)

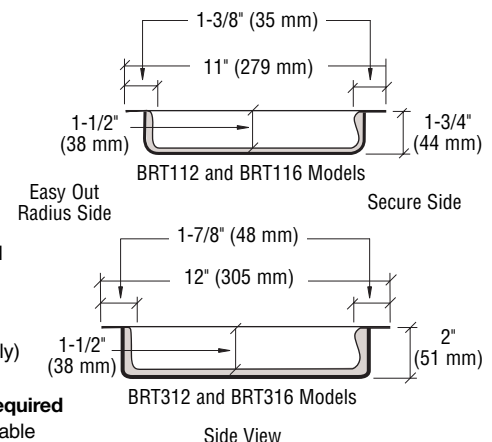
**Instructions Included**

**Counter Fabrication Required**

Cut-out information available  
online at [crlaurence.com](http://crlaurence.com)

| CAT. NO. | BULLET RESISTANCE | WIDTH        | DEPTH        | HEIGHT         |
|----------|-------------------|--------------|--------------|----------------|
| BRT112   | Level 1           | 12" (305 mm) | 11" (279 mm) | 1-3/4" (44 mm) |
| BRT116   | Level 1           | 16" (406 mm) | 11" (279 mm) | 1-3/4" (44 mm) |
| BRT312   | Level 3           | 12" (305 mm) | 12" (305 mm) | 2" (51 mm)     |
| BRT316   | Level 3           | 16" (406 mm) | 12" (305 mm) | 2" (51 mm)     |

Minimum order: 1 each.

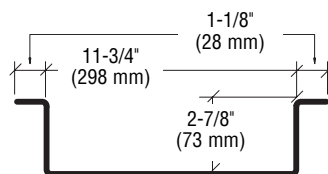
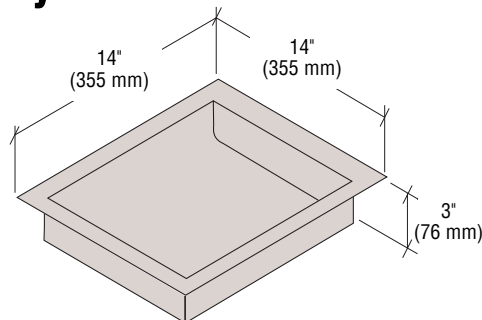




## CRL Deep Deal Tray

- **Flush Drop In Design**  
Tray is Deeper for  
Passing Larger Items
- **Brushed Stainless Steel**

The CRL Deep Deal Tray has a 3" (76 mm) height to allow for passing of larger articles from clerk to customer. The flush drop in design of the tray requires a counter with a thickness of at least 3-1/4" (83 mm). Trays are constructed of brushed stainless steel, and can be installed in counters with exposure to the outdoors. Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Custom sizes are also available on special order.



Side View



### SPECIFICATIONS:

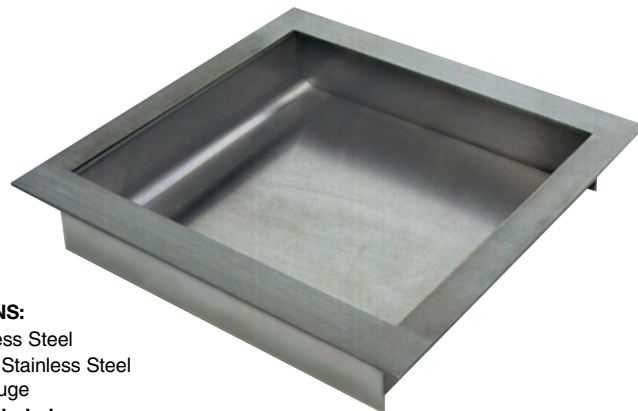
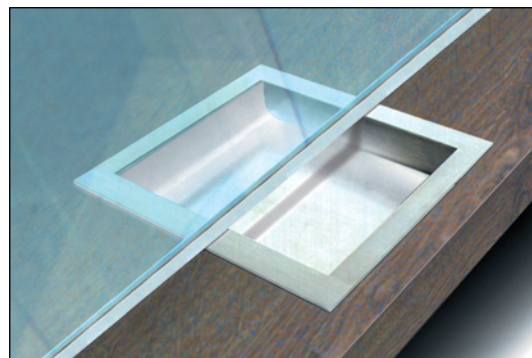
**Material:** Stainless Steel

**Finish:** Brushed Stainless Steel

**#4 Finish, 16 gauge**

**Instructions Included**

**Counter Fabrication Required**



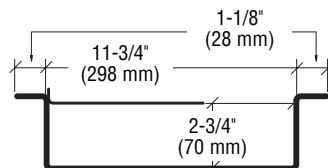
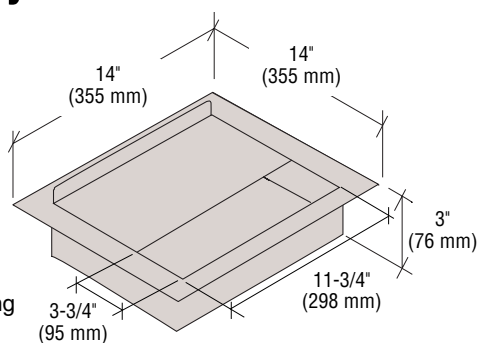
| CAT. NO.      | WIDTH        | DEPTH        | HEIGHT     |
|---------------|--------------|--------------|------------|
| <b>DT1414</b> | 14" (355 mm) | 14" (355 mm) | 3" (76 mm) |

Minimum order: 1 each.

## CRL Deep Deal Tray With Lid

- **Deep Tray With Sliding Lid for Added Security**
- **Flush Drop In Design**
- **Brushed Stainless Steel**

This CRL Deep Deal Tray has a sliding lid to help minimize heat or cooling loss, and offer extra protection. The lid has a full width flange across the rear that acts as a handle, and slides quietly on solid bearings. Deep tray allows items up to 2-3/4" (70 mm) thick to be passed. Drop in design requires a counter at least 3-1/4" (83 mm) thick for flush installation. Brushed stainless steel finish resists nicks and scratches. Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Custom size units are also available on special order.



Side View



### SPECIFICATIONS:

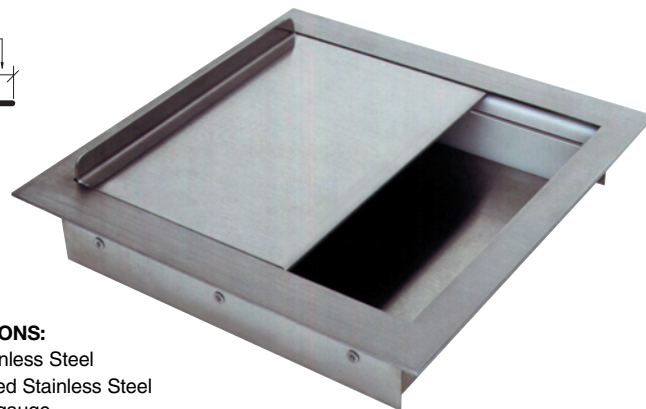
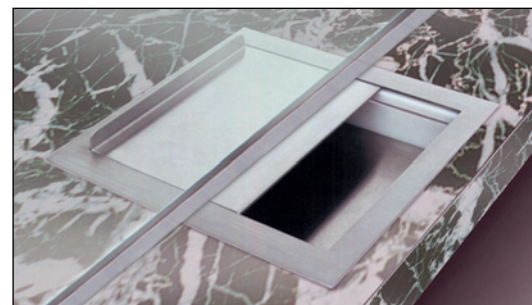
**Material:** Stainless Steel

**Finish:** Brushed Stainless Steel

**#4 Finish, 16 gauge**

**Instructions Included**

**Counter Fabrication Required**



| CAT. NO.        | WIDTH        | DEPTH        | HEIGHT     |
|-----------------|--------------|--------------|------------|
| <b>DTWL1414</b> | 14" (355 mm) | 14" (355 mm) | 3" (76 mm) |

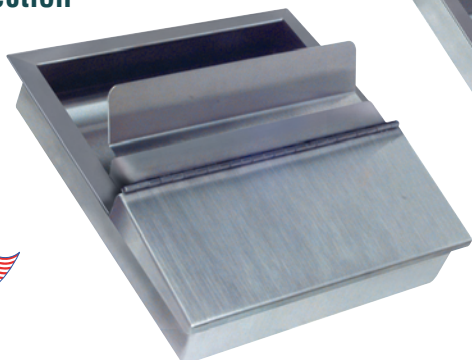
Minimum order: 1 each.

# CRL DEAL TRAYS

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(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

## CRL Recessed Deal Tray With Flip Lid

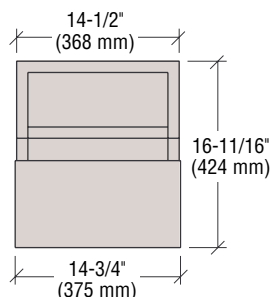
- Lid Helps Minimize Heating or Cooling Loss and Offers Extra Protection



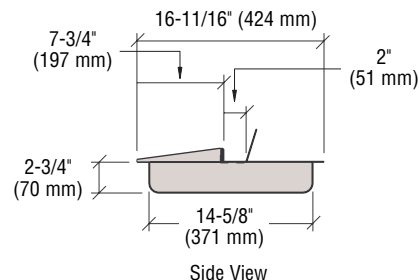
The Recessed Deal Tray with Flip Lid is designed to fit into a cut-out in the counter top for a flush appearance. The lid on the customer's side is raised by a downward push on the rear edge of the lid by the clerk. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use.

| CAT. NO.       | WIDTH            | DEPTH              | HEIGHT         |
|----------------|------------------|--------------------|----------------|
| <b>FLR1416</b> | 14-3/4" (375 mm) | 16-11/16" (424 mm) | 2-3/4" (70 mm) |

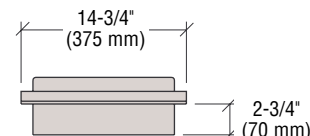
Minimum order: 1 each.



Top View



Side View



Front View

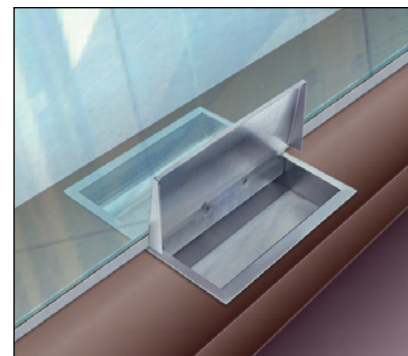
### SPECIFICATIONS:

**Material:** Stainless Steel

**Finish:** 16 Gauge Brushed Stainless Steel, #4 Finish

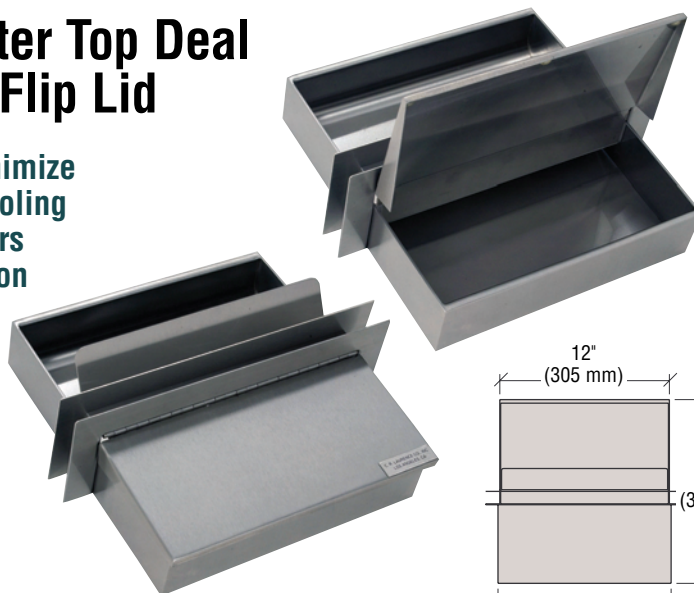
**Instructions Included**

**Counter Fabrication Required**



## CRL Counter Top Deal Tray With Flip Lid

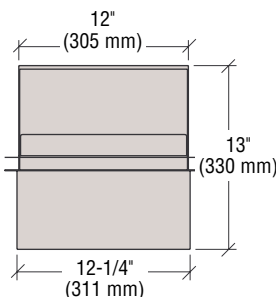
- Lid Helps Minimize Heating or Cooling Loss and Offers Extra Protection
- No Cut-Out Required In Counter



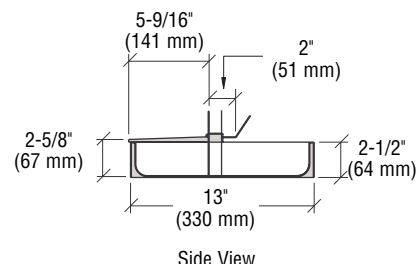
The Counter Top Deal Tray with Flip Lid is designed for use on the top of a ledge or counter. The large tray allows for passage of items as large as a carton of cigarettes. The lid on the customer's side of the window minimizes air infiltration, and opens with a downward push on the rear edge of the lid. All stainless steel construction. **NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use.

| CAT. NO.      | WIDTH            | DEPTH        | HEIGHT         |
|---------------|------------------|--------------|----------------|
| <b>FL1213</b> | 12-1/4" (311 mm) | 13" (330 mm) | 2-5/8" (67 mm) |

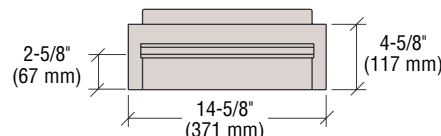
Minimum order: 1 each.



Top View



Side View



Front View

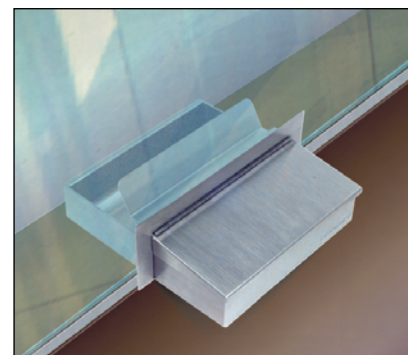
### SPECIFICATIONS:

**Material:** Stainless Steel

**Finish:** 16 Gauge Brushed Stainless Steel, #4 Finish

**Instructions Included**

**Glass Fabrication Required**



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# CRL DEAL TRAYS

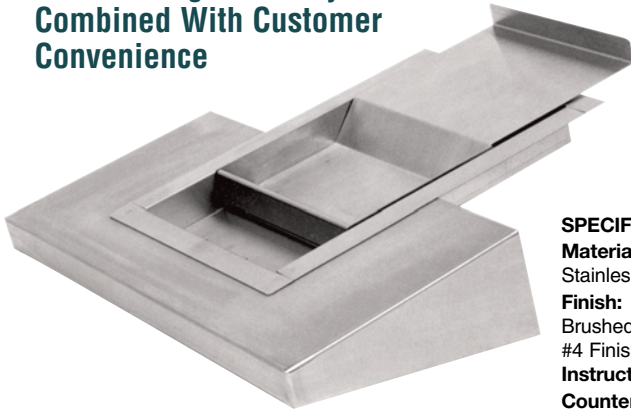
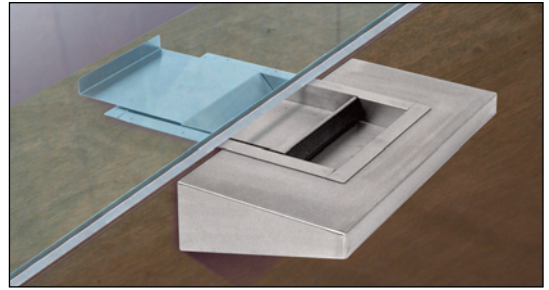
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## CRL Sliding Deal Tray With Shelf

- Pass-Through Security Combined With Customer Convenience

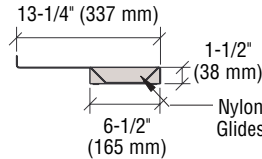


- All Stainless Steel Construction

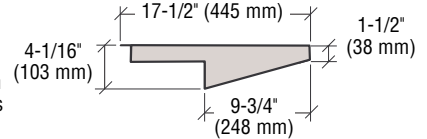


### SPECIFICATIONS:

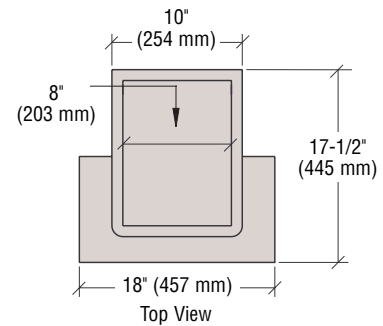
**Material:** Stainless Steel  
**Finish:** Brushed Stainless Steel #4 Finish, 16 and 18 gauge  
**Instructions Included**  
**Counter Fabrication Required**



Tray Side View



Unit Side View



Top View

Any cash or credit transaction can now be done safely behind a security window with this Sliding Deal Tray With Shelf. Tray has 9-3/4" x 18" (248 x 457 mm) stainless steel purse shelf for customer's convenience and added strength. The cash tray has a stationary base unit and a tray with handle. All stainless steel construction. **NOTE:** An overhang is recommended for exterior use. Custom sizes are available on special order.

| CAT. NO.      | WIDTH        | OVERALL DEPTH    | FRONT HEIGHT   | REAR HEIGHT      |
|---------------|--------------|------------------|----------------|------------------|
| <b>FL4146</b> | 18" (457 mm) | 17-1/2" (445 mm) | 1-1/2" (38 mm) | 4-1/16" (103 mm) |

Minimum order: 1 each.

## CRL Stainless Steel Purse Shelf



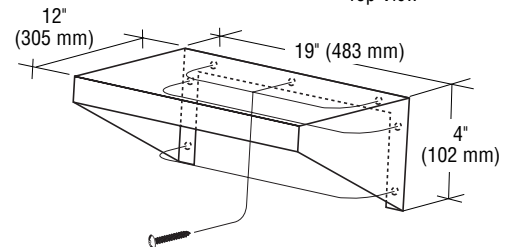
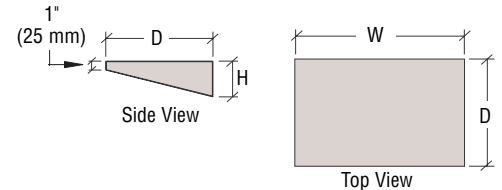
Stainless Steel Purse Shelves have a brushed finish that will resist nicks and scratches. Shelves can be wall mounted below pass-thru windows, or flanking push-through transaction drawers to give customers a convenient space to write checks, sign credit card receipts, etc. Custom size shelves are available on special order.

| CAT. NO.       | WIDTH        | DEPTH        | REAR HEIGHT     |
|----------------|--------------|--------------|-----------------|
| <b>SSS1208</b> | 12" (305 mm) | 8" (203 mm)  | 5-1/2" (140 mm) |
| <b>SSS1912</b> | 19" (483 mm) | 12" (305 mm) | 4" (102 mm)     |

Minimum order: 1 each.

### SPECIFICATIONS:

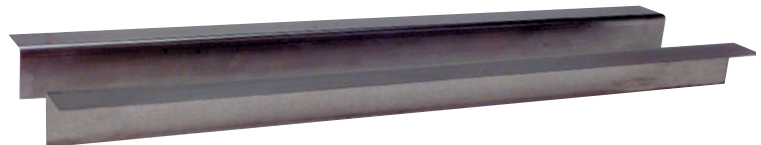
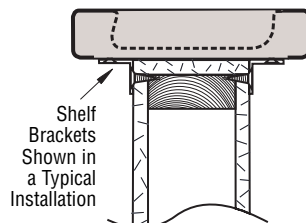
**Material:** Stainless Steel  
**Finish:** Brushed Stainless Steel #4 Finish, 16 gauge  
**Instructions Included**



## CRL Stainless Steel Shelf Brackets



Stainless Steel Shelf Brackets are available in seven lengths from 24" (610 mm) to 96" (2438 mm). They are made from 1-1/2" x 1-1/2" (38 x 38 mm) brushed stainless steel angle to match shelf finish. Brackets are not drilled, so the installer has the option of drilling holes only where they are needed. Brackets are sold only in pairs.



### SPECIFICATIONS:

**Material:** Stainless Steel  
**Finish:** Brushed Stainless Steel #4 Finish, 16 gauge  
**Instructions Included**

| CAT. NO.      | LENGTH        |
|---------------|---------------|
| <b>SSSB24</b> | 24" (610 mm)  |
| <b>SSSB30</b> | 30" (762 mm)  |
| <b>SSSB36</b> | 36" (914 mm)  |
| <b>SSSB48</b> | 48" (1219 mm) |
| <b>SSSB60</b> | 60" (1524 mm) |
| <b>SSSB72</b> | 72" (1829 mm) |
| <b>SSSB96</b> | 96" (2438 mm) |

Minimum order: 1 pair.

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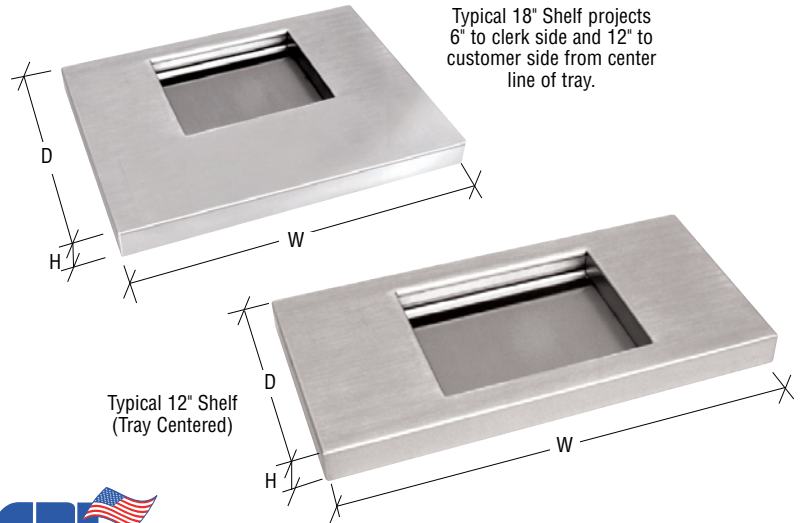


## CRL Stainless Steel Shelf With Deal Tray

- 12" (305 mm) or 18" (457 mm) Shelves in Widths from 24" to 72" (610 to 1829 mm)
- Stock Sizes Ready to Ship

Our Stainless Steel Shelf with Deal Tray is available in six widths. Deal Tray inside dimensions measure 11" (279 mm) wide x 8-1/4" (210 mm) deep x 1-9/16" (40 mm) high. The 18" (457 mm) Shelf provides a 7-1/2" (190 mm) writing surface on the customer's side of the Deal Tray.

**NOTE:** Deal Tray does not have drain holes, so an overhang is recommended for exterior use. Shelves can be quickly and easily mounted using our Stainless Steel Shelf Brackets on page T206. Custom size Level 1 or Level 3 Shelves are available on special order.



### PROTECTION LEVEL



### SPECIFICATIONS:

**Material:** Stainless Steel

**Finish:** Brushed Stainless Steel

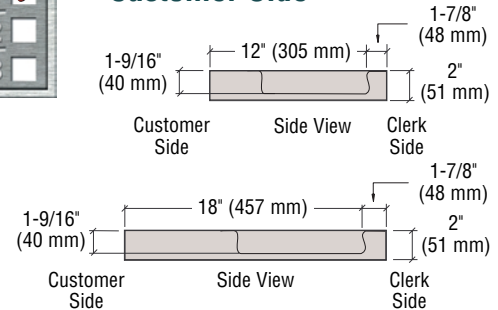
#4 Finish, #2B finish on bottom plate, 16 gauge

**Bullet Resistance:**

Level 1 Protection

**Instructions Included**

- Non-Ricochet Deal Tray Provides Level 1 Protection
- Easy Out Radius on Customer Side



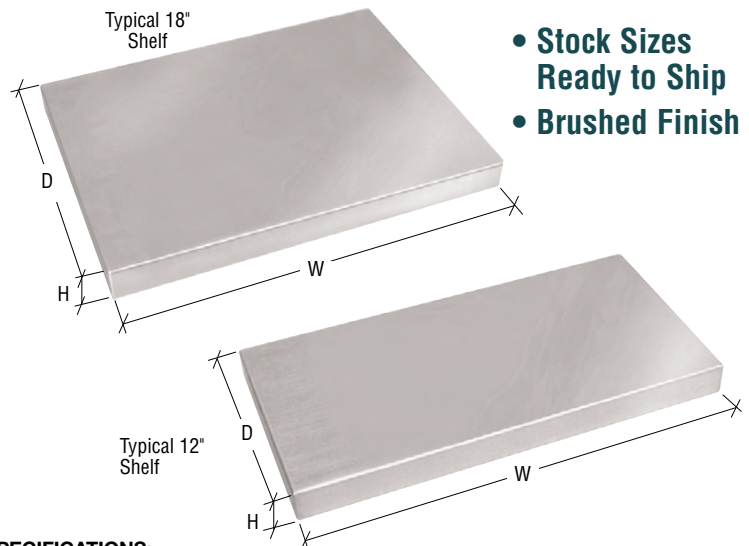
| CAT. NO. | WIDTH         | DEPTH        | HEIGHT     |
|----------|---------------|--------------|------------|
| SSDT2412 | 24" (610 mm)  | 12" (305 mm) | 2" (51 mm) |
| SSDT3012 | 30" (762 mm)  | 12" (305 mm) | 2" (51 mm) |
| SSDT3612 | 36" (914 mm)  | 12" (305 mm) | 2" (51 mm) |
| SSDT4812 | 48" (1219 mm) | 12" (305 mm) | 2" (51 mm) |
| SSDT6012 | 60" (1524 mm) | 12" (305 mm) | 2" (51 mm) |
| SSDT7212 | 72" (1829 mm) | 12" (305 mm) | 2" (51 mm) |
| SSDT2418 | 24" (610 mm)  | 18" (457 mm) | 2" (51 mm) |
| SSDT3018 | 30" (762 mm)  | 18" (457 mm) | 2" (51 mm) |
| SSDT3618 | 36" (914 mm)  | 18" (457 mm) | 2" (51 mm) |
| SSDT4818 | 48" (1219 mm) | 18" (457 mm) | 2" (51 mm) |
| SSDT6018 | 60" (1524 mm) | 18" (457 mm) | 2" (51 mm) |
| SSDT7218 | 72" (1829 mm) | 18" (457 mm) | 2" (51 mm) |

Minimum order: 1 each.

## CRL Stainless Steel Shelf

- 12" (305 mm) or 18" (457 mm) Shelves in Widths from 24" to 72" (610 to 1829 mm)

These Stainless Steel Shelves are available in six widths from 24" (610 mm) to 72" (1829 mm). Shelves are ideal as service counter tops for pass-thru windows, or as unobstructed counters for transactions where a security window is not required. Shelves can be quickly and easily mounted using our Stainless Steel Shelf Brackets on page T206. Custom sizes are available on special order.



- Stock Sizes Ready to Ship
- Brushed Finish #4

| CAT. NO. | WIDTH         | DEPTH        | HEIGHT     |
|----------|---------------|--------------|------------|
| SSS2412  | 24" (610 mm)  | 12" (305 mm) | 2" (51 mm) |
| SSS3012  | 30" (762 mm)  | 12" (305 mm) | 2" (51 mm) |
| SSS3612  | 36" (914 mm)  | 12" (305 mm) | 2" (51 mm) |
| SSS4812  | 48" (1219 mm) | 12" (305 mm) | 2" (51 mm) |
| SSS6012  | 60" (1524 mm) | 12" (305 mm) | 2" (51 mm) |
| SSS7212  | 72" (1829 mm) | 12" (305 mm) | 2" (51 mm) |
| SSS2418  | 24" (610 mm)  | 18" (457 mm) | 2" (51 mm) |
| SSS3018  | 30" (762 mm)  | 18" (457 mm) | 2" (51 mm) |
| SSS3618  | 36" (914 mm)  | 18" (457 mm) | 2" (51 mm) |
| SSS4818  | 48" (1219 mm) | 18" (457 mm) | 2" (51 mm) |
| SSS6018  | 60" (1524 mm) | 18" (457 mm) | 2" (51 mm) |
| SSS7218  | 72" (1829 mm) | 18" (457 mm) | 2" (51 mm) |

Minimum order: 1 each.

### SPECIFICATIONS:

**Material:** Stainless Steel

**Finish:** Brushed Stainless Steel

#4 Finish, #2B finish on bottom plate, 16 gauge

**Bullet Resistance:**

Level 1 Protection

**Instructions Included**



### PROTECTION LEVEL

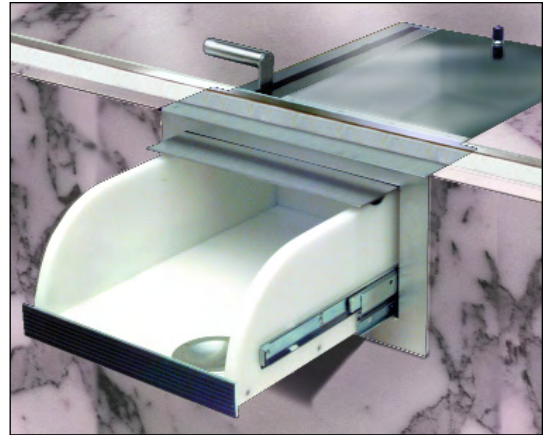


## CRL Large Capacity Transaction Drawers

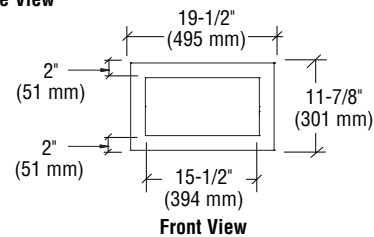
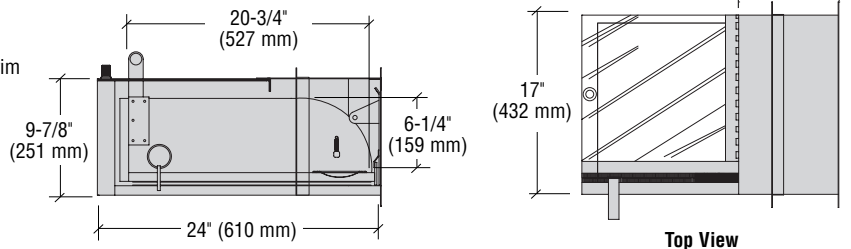
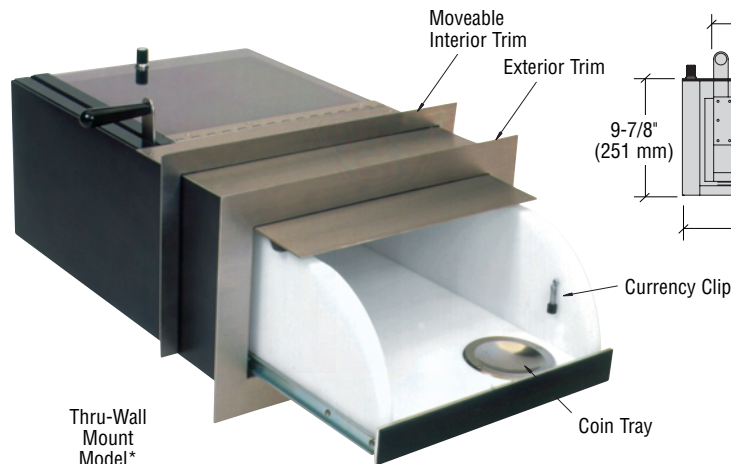
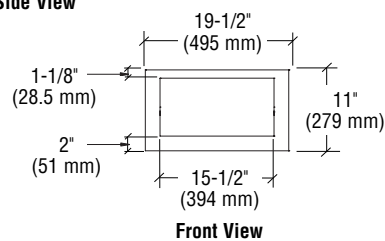
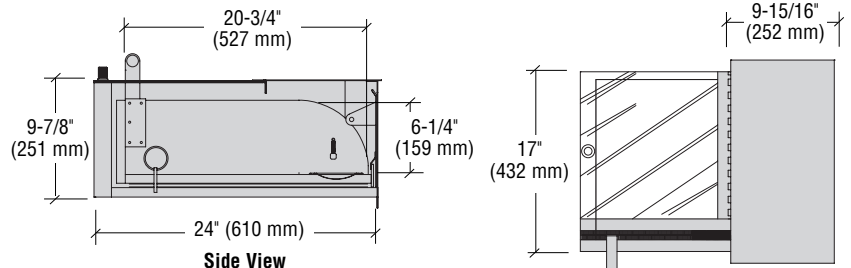
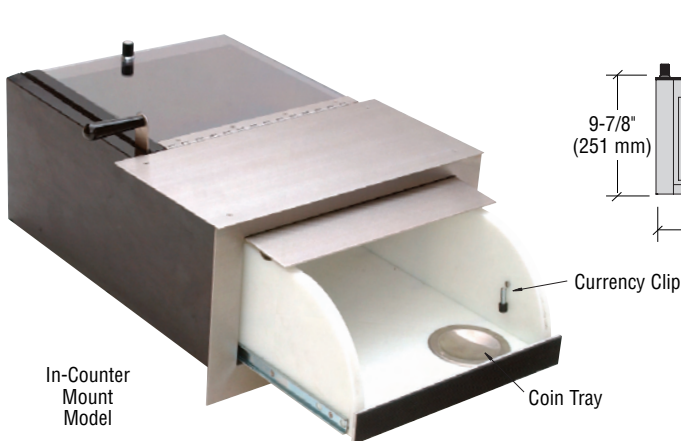
- Popular Thru-Wall and In-Counter Models
- Level 1 Bullet Resistant Protection

Our Large Capacity Transaction Drawer is available in two different configurations; one designed to be installed into a counter, one designed to allow thru-wall installation requirements. Simply choose the drawer that best fulfills your installation requirements.

Suitable for drive-up and walk up service, this weather resistant drawer has a lexan lid to allow clear view of contents while preventing direct entry of outside air. Stainless steel front panel pivots up as drawer is extended. Latching knob keeps drawer lid locked when closed. Inside measurements of drawer are 12-7/8" (327 mm) wide x 20-3/4" (527 mm) deep x 6-1/4" (159 mm) high. Custom sizes and Level 3 Bullet Resistant versions are available on special order.



In-Counter Mount Shown



### SPECIFICATIONS:

**Materials:** Stainless Steel;  
Lexan; Bullet Resistant Plastic;  
Bullet Resistant Fiberglass/Wood Composite

**Finish:** 11 Gauge Brushed Stainless Steel  
(Face Plate Only) #4 Finish

Black Plastic Laminate

**Instructions Included**

**Counter or Wall Fabrication Required**



| CAT. NO. | STYLE          | MOUNTING TYPE | WIDTH        | DEPTH        | HEIGHT          |
|----------|----------------|---------------|--------------|--------------|-----------------|
| TD1724   | Large Capacity | In-Counter    | 17" (432 mm) | 24" (610 mm) | 9-7/8" (251 mm) |
| TD1724TW | Large Capacity | Thru-Wall*    | 17" (432 mm) | 24" (610 mm) | 9-7/8" (251 mm) |

Minimum order: 1 each. Drawers extend 9-3/4" (248 mm) from face of wall when fully opened. \*Maximum wall thickness 9-1/2" (241 mm) for Thru-Wall Model.

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## CRL Oversized Transaction Drawers

- Taller Than Our Large Capacity Drawer
- Popular Thru-Wall and In-Counter Models
- Level 1 Bullet Resistant Protection

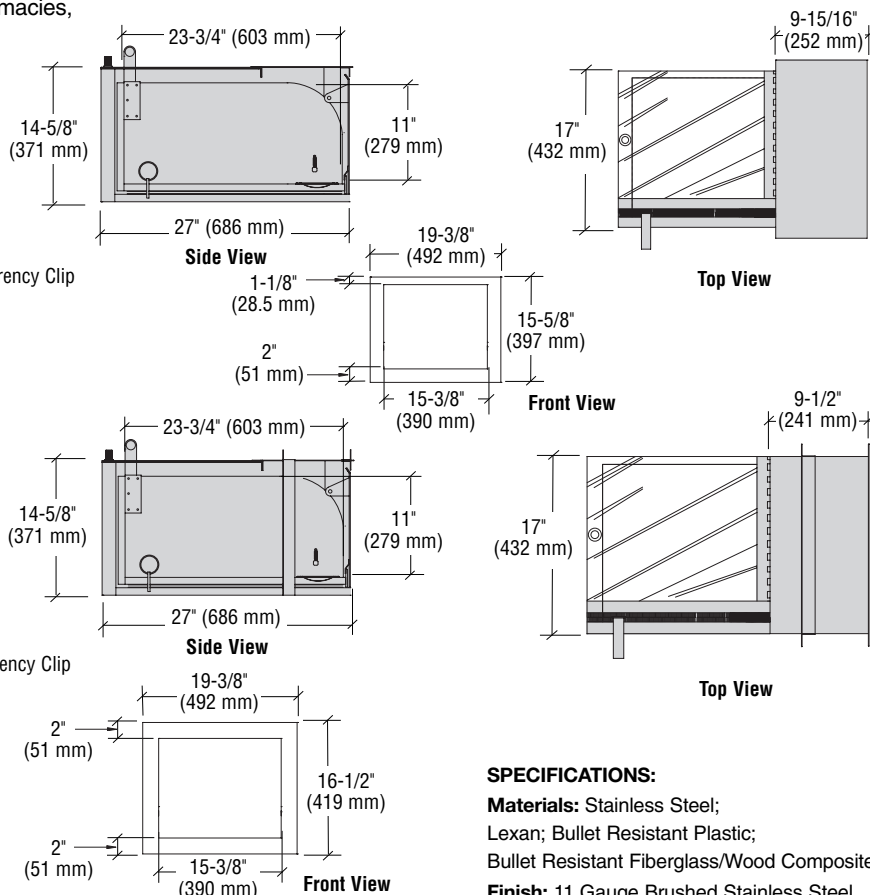
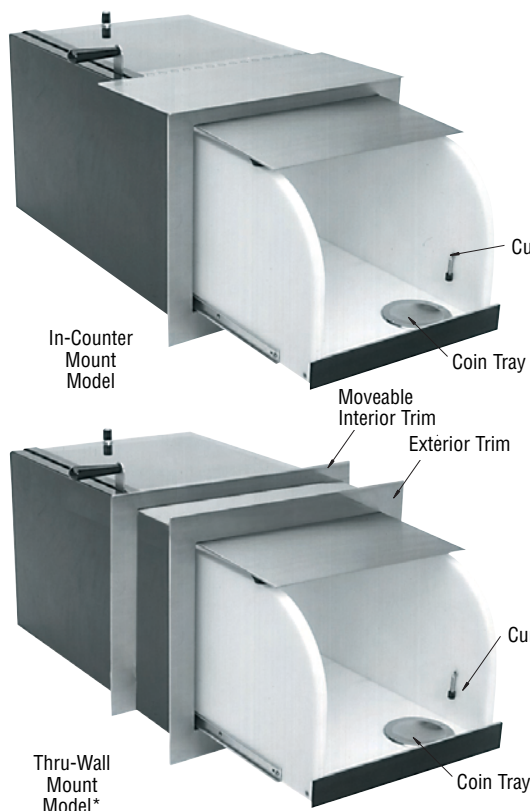


### PROTECTION LEVEL



Offering the same features as our Large Capacity Transaction Drawer (see page T208), the Oversized Transaction Drawer allows the passing of larger items. Available for in-counter mount or thru-wall installation, this drawer fits a variety of applications including banks, convenience stores, fast food restaurants, pharmacies,

and more. Latching knob keeps drawer lid locked when closed. Inside measurements of drawer are 12-7/8" (327 mm) wide x 23-3/4" (603 mm) deep x 11" (279 mm) high. Custom sizes and Level 3 Bullet Resistant versions are available on special order.



### SPECIFICATIONS:

**Materials:** Stainless Steel;  
Lexan; Bullet Resistant Plastic;  
Bullet Resistant Fiberglass/Wood Composite  
**Finish:** 11 Gauge Brushed Stainless Steel  
(Face Plate Only) #4 Finish  
Black Plastic Laminate

### Instructions Included

**Counter or Wall Fabrication Required**

| CAT. NO. | STYLE     | MOUNTING TYPE | WIDTH        | DEPTH        | HEIGHT           |
|----------|-----------|---------------|--------------|--------------|------------------|
| TD1727   | Oversized | In-Counter    | 17" (432 mm) | 27" (686 mm) | 14-5/8" (371 mm) |
| TD1727TW | Oversized | Thru-Wall*    | 17" (432 mm) | 27" (686 mm) | 14-5/8" (371 mm) |

Minimum order: 1 each. Drawers extend 12-3/4" (324 mm) from face of wall when fully opened. \*Maximum wall thickness 9-1/2" (241 mm) for Thru-Wall Model.

## CRL Round Coin Tray

(Included in TD17 Drawers)

The Round Coin Tray can be used as an insert into Transaction Drawers or counters to make the passage of coins easier and more efficient. Requires a 3-1/4" (83 mm) hole in the mounting surface.



### SPECIFICATIONS:

**Material:** 24 Gauge Brushed Stainless Steel, # 4 Finish  
**Counter or Drawer Fabrication Required**

| CAT. NO. | DIAMETER        | DEPTH        |
|----------|-----------------|--------------|
| RCT4     | 4-3/4" (121 mm) | 1/2" (12 mm) |

Minimum order: 1 each.

## CRL Currency Retainer Clip

(Included in TD17 Drawers)

The Currency Retainer Clip attaches to the inner surface of a Transaction or Deal Drawer. Spring action and plastic tip secures paper currency and receipts for safe exchange.



| CAT. NO. | OVERALL LENGTH |
|----------|----------------|
| CRC1     | 1-3/4" (44 mm) |

Minimum order: 1 each.

### SPECIFICATIONS:

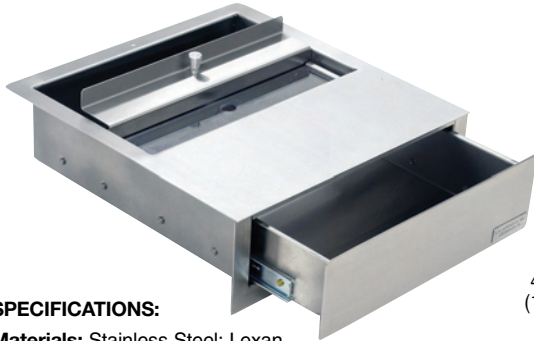
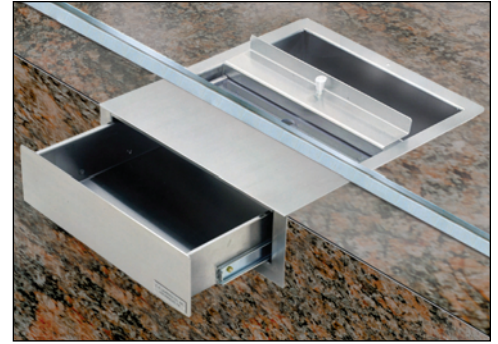
**Materials:** Steel Spring with Plastic Tip



## CRL Deal Drawer

- Flush Appearance
- Ball Bearing Glides
- Drawer Unit has Stainless Steel Construction

Our Deal Drawer is built to be recessed in the counter top along the front edge to achieve a flush appearance. Glazing above the flat hood portion provides a barrier that doesn't obstruct operation of drawer. A full width handle across the rear of the drawer pushes it smoothly along ball bearing glides for ease of operation. Lexan lid will not open when drawer is extended\*. Complete unit is fully assembled and ready for installation. An overhang or awning is recommended if used in an exterior application. Inside dimensions of drawer are 12-3/8" (314 mm) wide x 13-1/4" (337 mm) deep x 2-7/8" (73 mm) high.



### SPECIFICATIONS:

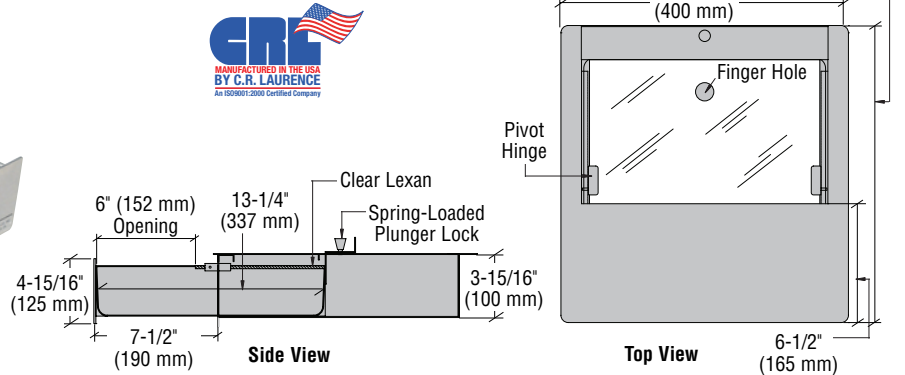
**Materials:** Stainless Steel; Lexan

**Finish:** 16 Gauge Brushed

Stainless Steel, #4 Finish

**Instructions Included**

**Counter Fabrication Required**



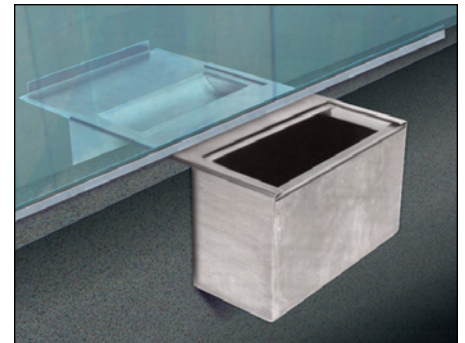
| CAT. NO. | WIDTH            | DEPTH            | HEIGHT            |
|----------|------------------|------------------|-------------------|
| DD1616   | 15-3/4" (400 mm) | 16-1/4" (413 mm) | 4-15/16" (125 mm) |

Minimum order: 1 each. \*Drawer extends 7-1/2" fully open.

## CRL Sliding Deal Tray and Pass-Thru Bin

- Dual Operations Unit for Transferring Large or Small Items
- Stainless Steel Construction Provides Level 1 Protection

The Sliding Deal Tray and Pass-Thru Bin handles two jobs using one unit. The sliding lid has a built-in deal tray for transferring cash and small items by sliding the lid forward and back. Bulk items can be passed through the larger bin cavity below\*. The 5" (127 mm) deep cross member on the top of the unit allows for through-wall installations. The unit can also be mounted on a counter top with the window notched around it. An overhang or awning is recommended if used in an exterior application. Openings are 14" (356 mm) wide x 6" (152 mm) deep when not covered by sliding tray.



### SPECIFICATIONS:

**Material:** Stainless Steel

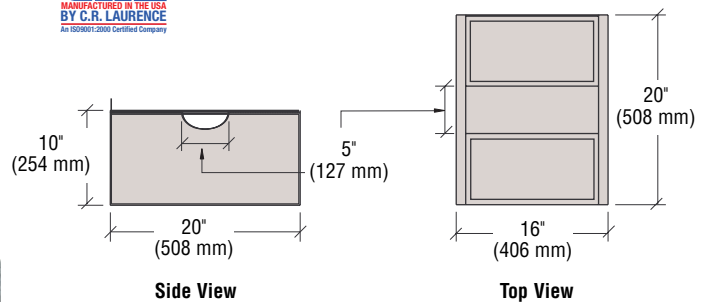
**Finish:** 16 Gauge Brushed

Stainless Steel, #4 Finish

**Instructions Included**

**Counter and Glass Fabrication Required**

### PROTECTION LEVEL



| CAT. NO. | WIDTH        | DEPTH        | HEIGHT       |
|----------|--------------|--------------|--------------|
| ST1620   | 16" (406 mm) | 20" (508 mm) | 10" (254 mm) |

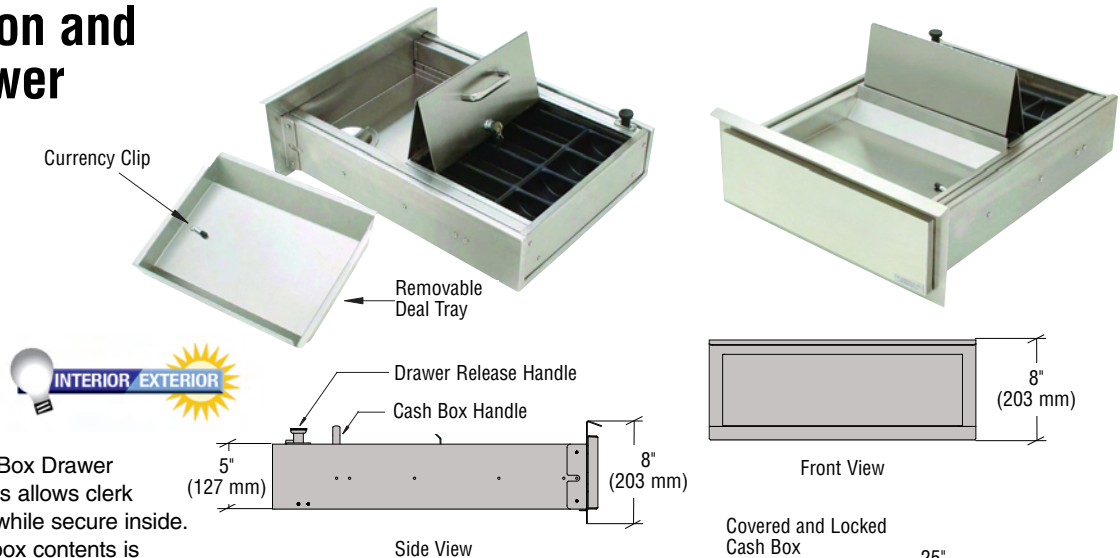
Minimum order: 1 each. \*Bin does not slide.

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## CRL Transaction and Cash Box Drawer

- Removable Deal Tray for Passing Larger Items
- Lockable Cash Box
- Fully Assembled and Ready for Installation



The Transaction and Cash Box Drawer for drive-in or walk-up business allows clerk to maintain customer contact while secure inside. The customer's view of cash box contents is blocked by a hinged locking cover.

Clerk can pass small packages by removing the deal tray from the front drawer. The operating handle uses a self-contained locking device. Constructed of stainless steel, the unit is fully assembled and ready for installation. Interior capacity of front Drawer with Tray removed is 14-3/8" W x 11-5/8" D x 3-3/8" H (365 x 295 x 86 mm).

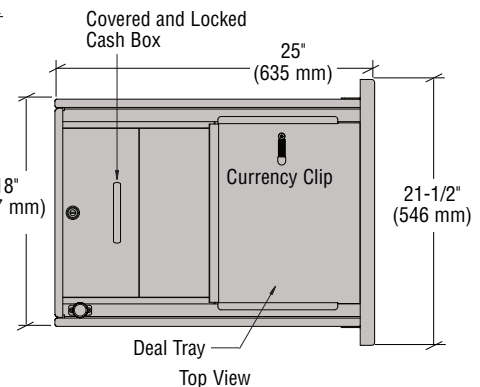
| CAT. NO. | WIDTH        | DEPTH        | HEIGHT      |
|----------|--------------|--------------|-------------|
| FL4463   | 18" (457 mm) | 25" (635 mm) | 5" (127 mm) |

Minimum order: 1 each. \*Drawer Projects 10-1/4" (260 mm) fully open.



### SPECIFICATIONS:

**Material:** 16 Gauge Stainless Steel  
**Finish:** Brushed Stainless Steel #4 Finish  
**Instructions Included**  
**Counter Fabrication Required**



## CRL Deep Transaction Drawer With Cash Tray

- Allows for Transfer of Larger Items
- Constructed of Stainless Steel
- Attachable Purse Shelves Included



The Deep Transaction Drawer with Cash Tray will serve walk-up business, protect employees and inventory while allowing transfer of cash, credit or debit cards, and small products. Unique design will enable the transfer of motor oil, six-packs of beverages, and other bulk items. All these functions are built into one compact unit engineered for security and ease of operation. Self-contained, smooth operating locking mechanism requires no keys. This model also has 10 gauge steel bullet resistant liners in front and back. Two attachable purse shelves are included with the unit. **NOTE:** An overhang is recommended if used in an exterior application. Interior capacity of Drawer is 14-1/2" W x 18-1/2" D x 7-1/2" H (368 x 470 x 190 mm).

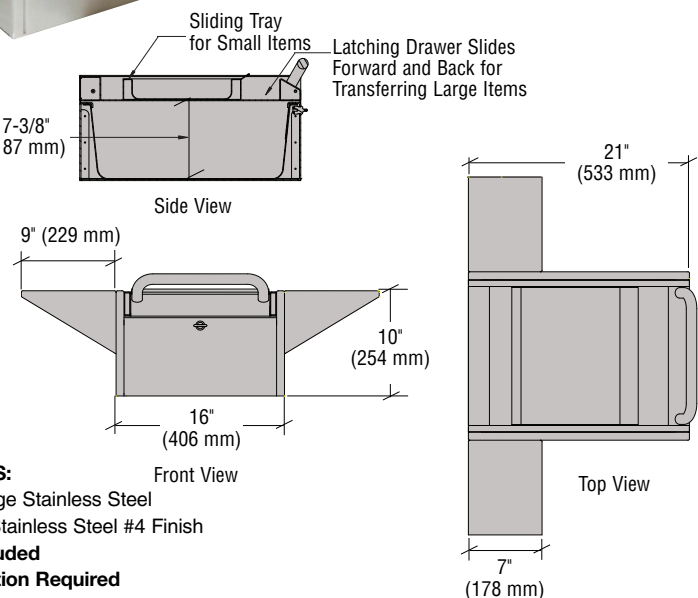
| CAT. NO. | WIDTH        | DEPTH        | HEIGHT       |
|----------|--------------|--------------|--------------|
| FL3246C  | 16" (406 mm) | 21" (533 mm) | 10" (254 mm) |

Minimum order: 1 each. \*Drawer Projects 8-3/4" (222 mm) fully open.



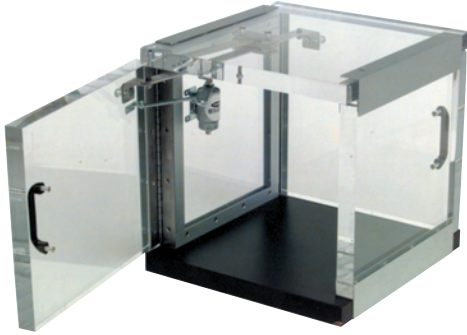
### SPECIFICATIONS:

**Material:** 16 Gauge Stainless Steel  
**Finish:** Brushed Stainless Steel #4 Finish  
**Instructions Included**  
**Counter Fabrication Required**





## CRL Clear Package Receivers



Left Hand Model (Customer's Side)

- Level 1 or Level 3 Bullet Resistant Protection Available
- Contents Are in Full View to Clerk Without Opening Inner Door
- Custom Sizes and Features Available

The Clear Package Receiver is designed for interior use only. Satin finish aluminum extrusions are used to fasten the sides and bottom together. Bottom is constructed of plywood and bullet resistant fiberglass covered with plastic laminate. A special interlocking mechanism allows only one door to open at a time. Closer furnished on customer side door. Contents can be clearly viewed from the top and all four sides. Handing is determined by hinge placement on customer's side. Inside Dimensions: 13-5/16" (338 mm) wide x 12-1/2" (318 mm) deep x 13-3/8" (340 mm) high.



Right Hand Model (Customer's Side)

| CAT. NO. | BULLET RESISTANCE | HANDING | HEIGHT*<br>DEPTH*<br>WIDTH* |
|----------|-------------------|---------|-----------------------------|
| CPR1     | Level 1           | Left    | 16" (406 mm)                |
| CPR2     | Level 1           | Right   | 16" (406 mm)                |
| CPR31    | Level 3           | Left    | 16" (406 mm)                |
| CPR32    | Level 3           | Right   | 16" (406 mm)                |

Minimum order: 1 each. \*Outside Dimensions

### SPECIFICATIONS:

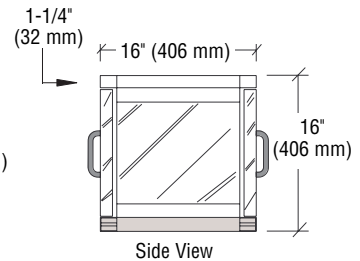
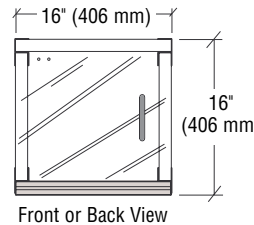
**Materials:** Aluminum Extrusion; Clear Acrylic or Clear Lexgard; Plywood; Bullet Resistant Fiberglass

**Finish:** Satin Anodized Aluminum  
**Glazing:** 1-1/4" (32 mm) Level 1 Acrylic; 1-1/4" (32 mm) Level 3 Lexgard

**Instructions Included**



### PROTECTION LEVELS



## CRL Rotary Server With Vision Panel



- Level 1 Bullet Resistant Protection
- Drum Rotates 180 Degrees
- Vision Panel Allows View of Contents Before Drum is Turned

The Rotary Server With Vision Panel is constructed of stainless steel, bullet resistant plastic, and 1-1/4" (32 mm) Level 1 Acrylic for the vision panel. The unit rotates 180 degrees by turning the crank handle. In the locked position the stainless steel drum is turned to the customer for maximum security. Vision Panel allows for viewing contents. Unit is weatherstripped for outdoor use and provides Level 1 bullet resistant protection. Drum extends behind and in front of the unit, and is 15-1/4" (387 mm) in diameter. Interior will hold larger items such as a six pack of beverages, or a gallon of milk.



Viewed From Customer's Side



| CAT. NO. | WIDTH        | DEPTH            | HEIGHT       |
|----------|--------------|------------------|--------------|
| RSWV1    | 16" (406 mm) | 12-1/2" (318 mm) | 16" (406 mm) |

Minimum order: 1 each.

### SPECIFICATIONS:

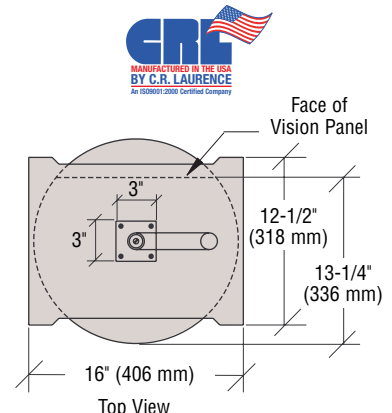
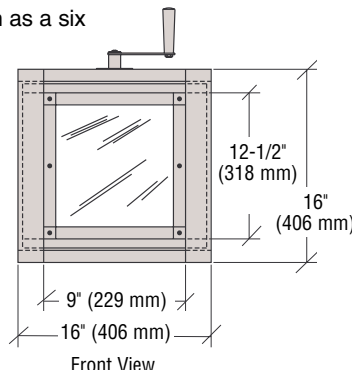
**Materials:** Stainless Steel; Clear Acrylic; Opaque Bullet Resistant Plastic

**Finish:** Brushed Stainless Steel (Drum Portion and Sides) #4 Finish

**Glazing:** 1-1/4" (32 mm) Level 1 Acrylic

**Instructions Included**

### PROTECTION LEVEL



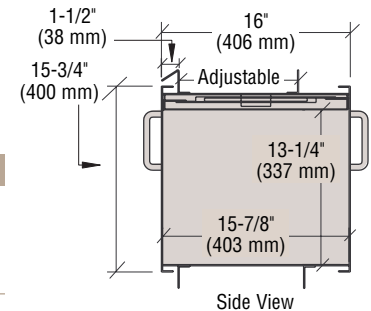
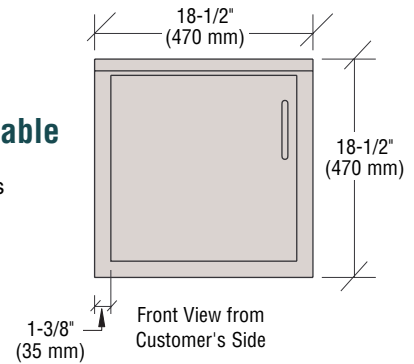


## CRL Package Receivers With Steel Doors



- **Level 1 and Level 3 Bullet Resistant Protection**
- **Interlock Security on Doors**
- **Custom Sizes and Features Available**

The CRL Package Receiver With Steel Doors is designed for the transfer of larger items. A special interlocking mechanism between the interior and exterior doors allows only one door to be opened at a time. A separate bar latch for the exterior door can be activated from the inside. A closer is furnished on the exterior door. The unit will mount in walls up to 11-1/2" (292 mm) thick, and requires a 15-1/2" x 15-1/2" (394 x 394 mm) wall opening. Units are available with a prime painted housing and prime painted doors, or with a prime painted housing and stainless steel doors.



Model SPR3 Shown

| CAT. NO. | DESCRIPTION           | BULLET RESISTANCE | WIDTH*           | DEPTH*           | HEIGHT*          |
|----------|-----------------------|-------------------|------------------|------------------|------------------|
| PPR1     | Prime Painted Doors   | Level 1           | 14-3/4" (375 mm) | 15-7/8" (403 mm) | 13-1/4" (337 mm) |
| PPR3     | Prime Painted Doors   | Level 3           | 14-3/4" (375 mm) | 15-7/8" (403 mm) | 13-1/4" (337 mm) |
| SPR1     | Stainless Steel Doors | Level 1           | 14-3/4" (375 mm) | 15-7/8" (403 mm) | 13-1/4" (337 mm) |
| SPR3     | Stainless Steel Doors | Level 3           | 14-3/4" (375 mm) | 15-7/8" (403 mm) | 13-1/4" (337 mm) |

Minimum order: 1 each. \*Inside Box Dimensions

### SPECIFICATIONS:

**Materials:** Steel; Stainless Steel

**Finish:** Brushed Stainless Steel; Prime Painted Steel 11 Gauge; Level 3 Doors are 7 Gauge. #4 Finish on Doors.

### Instructions Included

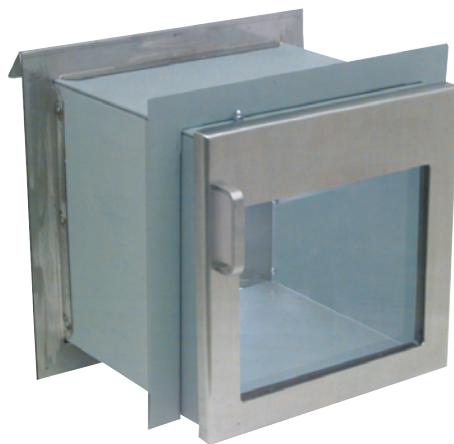
Exterior Door is Hinged on Customer's Left Side



### PROTECTION LEVELS

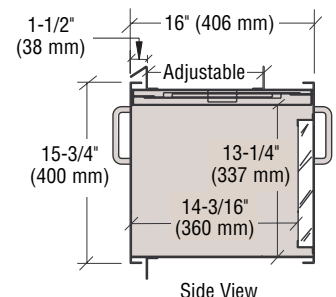
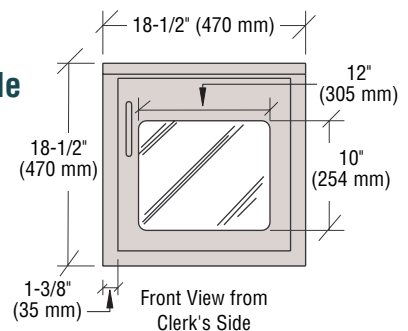


## CRL Package Receivers With Vision Panel Door



- **Clear Bullet Resistant Panel on Inner Door for Inspection Before Opening**
- **Level 1 and Level 3 Bullet Resistant Protection**
- **Interlock Security on Doors**
- **Custom Sizes and Features Available**

Our Package Receivers With Vision Panel Doors have the same design as the SPR1 and SPR3 Stainless Steel Door Package Receivers. They feature a 12" wide x 10" high (305 x 254 mm) Vision Panel in the interior door. This enables the operator to see the contents inside the unit. Level 1 unit is glazed with 1-1/4" (32 mm) Acrylic; Level 3 unit is glazed with 1-1/4" (32 mm) Lexgard.



| CAT. NO. | DESCRIPTION       | BULLET RESISTANCE | WIDTH*           | DEPTH*            | HEIGHT*          |
|----------|-------------------|-------------------|------------------|-------------------|------------------|
| SPRPV1   | Vision Panel Door | Level 1           | 14-3/4" (375 mm) | 14-3/16" (360 mm) | 13-1/4" (337 mm) |
| SPRPV3   | Vision Panel Door | Level 3           | 14-3/4" (375 mm) | 14-3/16" (360 mm) | 13-1/4" (337 mm) |

Minimum order: 1 each. \*Inside Box Dimensions

### SPECIFICATIONS:

**Materials:** Steel; Stainless Steel; Clear Acrylic; Clear Lexgard

**Finish:** Brushed Stainless Steel; Prime Painted Steel 11 Gauge; Level 3 Doors are 7 Gauge. #4 Finish on Doors.

**Glazing:** 1-1/4" (32 mm) Level 1 Acrylic; 1-1/4" (32 mm) Level 3 Lexgard

### Instructions Included

Exterior Door is Hinged on Customer's Left Side



### PROTECTION LEVELS



## CRL Pass-Thru Hopper

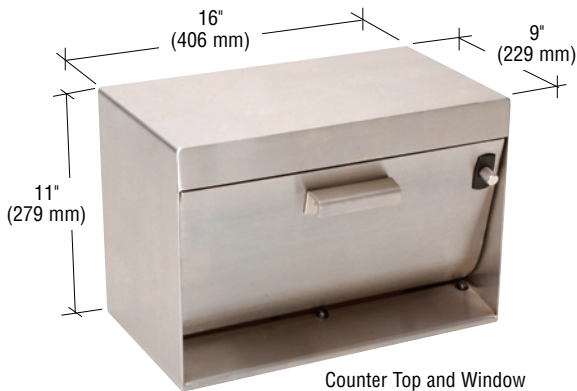
**new**

- All Stainless Steel Construction
- Lockable From Clerk's Side (Secure Side)
- Mounts Counter Top, Thru-Wall, or in a Window Opening
- Level 2 Bullet Resistant Protection
- Stock and Custom Sizes Available



The CRL Pass-Thru Hopper is the perfect way to complete transactions when security is a concern. The Hopper is simple to operate. The clerk effortlessly pushes outward on the handle and the Hopper pivots towards the customer to start the transaction. Then the clerk gently pulls inward and is able to retrieve the items placed inside the Hopper. The perfect Pass-Thru for convenience stores, gas stations, financial institutions, police stations, jails or detention centers.

The CRL Pass-Thru Hopper is ideal for exchanging moneybags, gallon containers such as milk or anti-freeze, as well as two-liter size beverages. It's also available with two adjustable flanges for Thru-Wall applications. Will work on wall thicknesses up to 9" (229 mm). Custom sizes are available upon request.



Counter Top and Window  
Opening Model  
(Clerk's Side Shown)



Large 15-5/8" W x 9-1/4" H x 7" D  
(397 x 235 x 178 mm) Inner Capacity  
for Bigger Items

### SPECIFICATIONS:

**Material:** Stainless Steel

**Finish:** Brushed Stainless

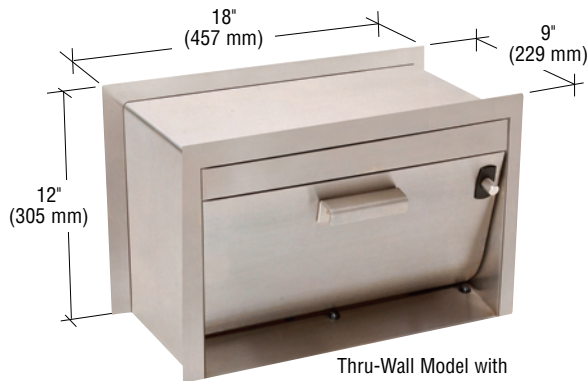
Steel #4 Finish

11 Gauge Body

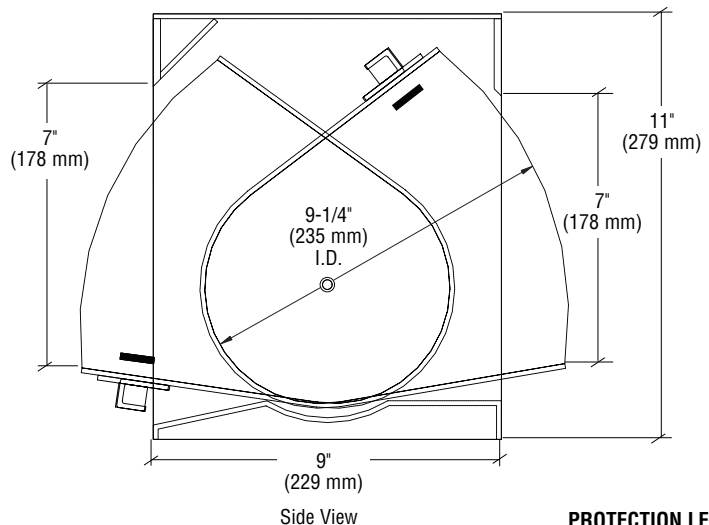
14 Gauge Flanges

**Glass or Wall Fabrication Required**

No installation holes are drilled in  
body of hopper

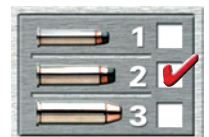


Thru-Wall Model with  
1" (25.4 mm) Flanges  
(Clerk's Side Shown)  
Both Flanges are Adjustable



Side View

### PROTECTION LEVEL



| CAT. NO.  | MOUNTING TYPE               | WIDTH         | DEPTH       | HEIGHT        |
|-----------|-----------------------------|---------------|-------------|---------------|
| HOP1611   | Counter Top/ Window Opening | 16" (406 mm)  | 9" (229 mm) | 11" (279 mm)  |
| HOP1611TW | Thru-Wall                   | 18" (457 mm)* | 9" (229 mm) | 12" (305 mm)* |

Minimum order: 1 each. \* Measurements for the Thru-Wall Unit include 1" flange on three sides of the Pass-Thru Hopper.

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## CRL Rotating Drum Service Windows



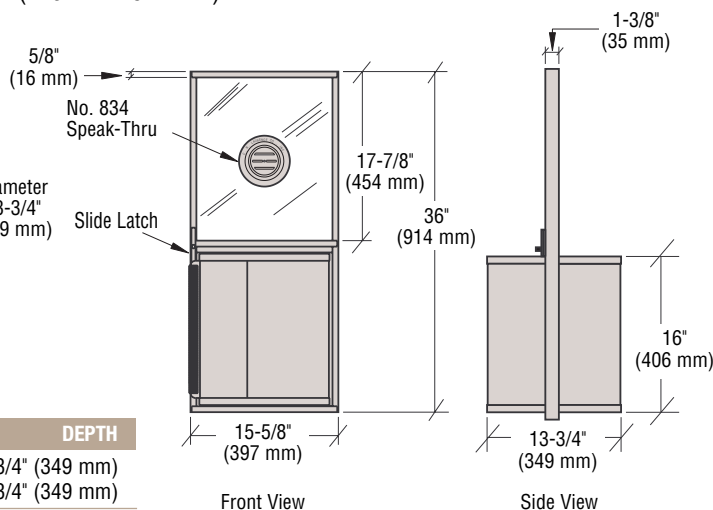
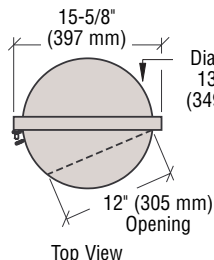
- For Drive-Thru or Walk-Up Service Windows
- Satin Anodized or Duranodic Bronze Finishes
- Built-In Speak-Thru Included



Our convenient Rotating Drum Service Window is used to serve packaged goods from an enclosed area. Excellent for drive-up or walk-up service windows. Satin anodized or duranodic bronze aluminum frame contains a fixed 1/4" (6 mm) clear tempered glass panel and a Cat. No. 834 Speak-Thru in the upper portion. Lower portion contains a Rotating Drum that will provide pass-through security. Built-in latch prevents unwanted drum rotation. The entire unit's rough opening measures 16-1/8" wide x 36-1/4" high (410 mm x 921 mm).



Viewed From Customer's Side



### SPECIFICATIONS:

**Materials:** Aluminum Extrusion; Tempered Safety Glass; 16 Gauge Stainless Steel Drum

**Finishes:** Brushed Stainless Steel (Drum Portion Only); Frame - Satin Anodized or Duranodic Bronze

**Glazing:** 1/4" (6 mm) Clear Tempered Safety Glass

**Speak-Thru:** No-Draft Aluminum with Finish to Match Frame

**Instructions Included**

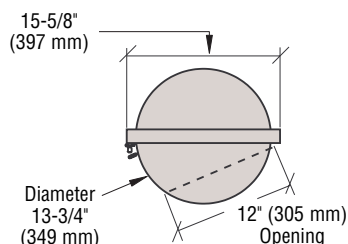
| CAT. NO.       | FINISH           | WIDTH            | HEIGHT       | DEPTH            |
|----------------|------------------|------------------|--------------|------------------|
| <b>RS200A</b>  | Satin Anodized   | 15-5/8" (397 mm) | 36" (914 mm) | 13-3/4" (349 mm) |
| <b>RS201DU</b> | Duranodic Bronze | 15-5/8" (397 mm) | 36" (914 mm) | 13-3/4" (349 mm) |

Minimum order: 1 each.

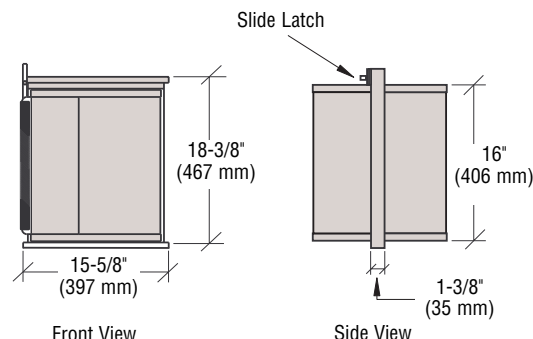
## CRL Framed Rotating Drums

- Stainless Steel Drum

Our Framed Rotating Drum provides pass-through security. Satin anodized or duranodic bronze perimeter frame surrounds a stainless steel drum. Built-in latch prevents unwanted drum rotation. Fits a rough opening of 16-1/8" (410 mm) wide x 18-5/8" (473 mm) high.



Top View



| CAT. NO.         | FINISH                 | WIDTH            | HEIGHT           | DEPTH            |
|------------------|------------------------|------------------|------------------|------------------|
| <b>RS200DRUM</b> | Satin Anodized Frame   | 15-5/8" (397 mm) | 18-3/8" (467 mm) | 13-3/4" (349 mm) |
| <b>RS201DRUM</b> | Duranodic Bronze Frame | 15-5/8" (397 mm) | 18-3/8" (467 mm) | 13-3/4" (349 mm) |

Minimum order: 1 each.

### SPECIFICATIONS:

**Materials:** Aluminum Extrusion; 16 Gauge Stainless Steel Drum

**Finishes:** Brushed Stainless Steel (Drum Portion Only); Frame - Satin Anodized or Duranodic Bronze

**Instructions Included**



## CRL Extra Length Ladder Style Pull Handles

- Straight and "S" Style Designs
- Extra Height for Eye-Catching Contemporary and Elegant Appearance
- Eleven Sizes in Two Popular Finishes for 3/8" or 1/2" (10 or 12 mm) Glass
- 1-1/4" (32 mm) Diameter Heavy Wall Stainless Steel Tubing, 304 Alloy
- Custom Finishes and Sizes Available

**new**



CRL Ladder Style Pull Handles are for back-to-back mounting with supplied through-bolts. Available in a choice of Straight or "S" Style design, our Ladder Style Pull adds elegance and eye-catching appeal to a commercial glass door.

Ladder Style Pulls are intended for use with full size glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass. 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.



Straight Style

Optional Mid-Posts give extra strength to very long Ladder Pulls. Must be factory-installed. Call for details.



"S" Style  
\*Left Hand



"S" Style  
\*Right Hand

CRL will custom fabricate Pull Handles to your specifications.

\* Handing determined from the exterior looking in

### STRAIGHT STYLE LADDER PULL HANDLES

| CAT. NO. | MOUNTING HOLES<br>OVERALL LENGTH | CENTER-TO-CENTER | FINISH             |
|----------|----------------------------------|------------------|--------------------|
| 24LPPS   | 24" (610 mm)                     | 12" (305 mm)     | Polished Stainless |
| 24LPBS   | 24" (610 mm)                     | 12" (305 mm)     | Brushed Stainless  |
| 30LPPS   | 30" (762 mm)                     | 18" (457 mm)     | Polished Stainless |
| 30LPBS   | 30" (762 mm)                     | 18" (457 mm)     | Brushed Stainless  |
| 36LPPS   | 36" (914 mm)                     | 24" (610 mm)     | Polished Stainless |
| 36LPBS   | 36" (914 mm)                     | 24" (610 mm)     | Brushed Stainless  |
| 42LPPS   | 42" (1067 mm)                    | 30" (762 mm)     | Polished Stainless |
| 42LPBS   | 42" (1067 mm)                    | 30" (762 mm)     | Brushed Stainless  |
| 48LPPS   | 48" (1219 mm)                    | 36" (914 mm)     | Polished Stainless |
| 48LPBS   | 48" (1219 mm)                    | 36" (914 mm)     | Brushed Stainless  |
| 54LPPS   | 54" (1372 mm)                    | 42" (1067 mm)    | Polished Stainless |
| 54LPBS   | 54" (1372 mm)                    | 42" (1067 mm)    | Brushed Stainless  |
| 60LPPS   | 60" (1524 mm)                    | 48" (1219 mm)    | Polished Stainless |
| 60LPBS   | 60" (1524 mm)                    | 48" (1219 mm)    | Brushed Stainless  |
| 66LPPS   | 66" (1676 mm)                    | 54" (1372 mm)    | Polished Stainless |
| 66LPBS   | 66" (1676 mm)                    | 54" (1372 mm)    | Brushed Stainless  |
| 72LPPS   | 72" (1829 mm)                    | 60" (1524 mm)    | Polished Stainless |
| 72LPBS   | 72" (1829 mm)                    | 60" (1524 mm)    | Brushed Stainless  |
| 78LPPS   | 78" (1981 mm)                    | 66" (1676 mm)    | Polished Stainless |
| 78LPBS   | 78" (1981 mm)                    | 66" (1676 mm)    | Brushed Stainless  |
| 84LPPS   | 84" (2134 mm)                    | 72" (1829 mm)    | Polished Stainless |
| 84LPBS   | 84" (2134 mm)                    | 72" (1829 mm)    | Brushed Stainless  |

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Additional holes required if extra Mid-Posts added (see right).  
Glass Fabrication Required: Two 5/8" (16 mm) Diameter Holes

### "S" STYLE LADDER PULL HANDLES

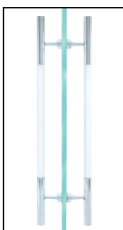
| CAT. NO. | OVERALL LENGTH | HANDING *  | FINISH             |
|----------|----------------|------------|--------------------|
| 24SLPPS  | 24" (610 mm)   | Left Hand  | Polished Stainless |
| 24SLPBS  | 24" (610 mm)   | Left Hand  | Brushed Stainless  |
| 24SRPPS  | 24" (610 mm)   | Right Hand | Polished Stainless |
| 24SRPBS  | 24" (610 mm)   | Right Hand | Brushed Stainless  |
| 36SLPPS  | 36" (914 mm)   | Left Hand  | Polished Stainless |
| 36SLPBS  | 36" (914 mm)   | Left Hand  | Brushed Stainless  |
| 36SRPPS  | 36" (914 mm)   | Right Hand | Polished Stainless |
| 36SRPBS  | 36" (914 mm)   | Right Hand | Brushed Stainless  |
| 48SLPPS  | 48" (1219 mm)  | Left Hand  | Polished Stainless |
| 48SLPBS  | 48" (1219 mm)  | Left Hand  | Brushed Stainless  |
| 48SRPPS  | 48" (1219 mm)  | Right Hand | Polished Stainless |
| 48SRPBS  | 48" (1219 mm)  | Right Hand | Brushed Stainless  |

Minimum order: 1 each. Sizes and finishes can be combined for quantity pricing. Additional holes required if extra Mid-Posts added (see above).  
"S" Style Handles exceeding 48" (1219 mm) overall length must be discussed with CRL Technical Sales to determine proper application.

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## CRL Glass Mounted Ladder Style Pull Handle With Acrylic Semi-Inserts



Overall Length  
24-1/2" (622 mm)

### INCLUDES:

- 1 Set: CA18X18 Pull Handles (Back-to-Back Mounting)
- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

### SPECIFICATIONS:

#### For Use With:

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

#### Construction:

1" (25.4 mm) Diameter Stainless Steel or Brass Tubing with Acrylic Semi-Insert (White Accent Lines in Acrylic)

#### Glass Fabrication Required:

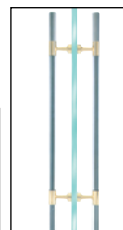
Two 5/8" (16 mm) Diameter Holes, 18" (457 mm) Center-to-Center

| CAT. NO.  | FINISH             |
|-----------|--------------------|
| CA18X18BR | Polished Brass     |
| CA18X18PS | Polished Stainless |

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



## CRL Glass Mounted Ladder Style Pull Handle With Acrylic Full Inserts



Overall Length  
27" (685 mm)

### INCLUDES:

- 1 Set: CB18X18 Pull Handles (Back-to-Back Mounting)
- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Metal Finish Washers and Rubber Gaskets

### SPECIFICATIONS:

#### For Use With:

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

#### Construction:

1" (25.4 mm) Diameter Stainless Steel or Brass Tubing with Acrylic Full Insert (Black Accent Lines in Acrylic)

#### Glass Fabrication Required:

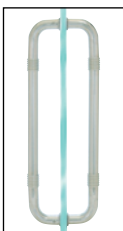
Two 5/8" (16 mm) Diameter Holes, 18" (457 mm) Center-to-Center

| CAT. NO.  | FINISH             |
|-----------|--------------------|
| CB18X18BR | Polished Brass     |
| CB18X18PS | Polished Stainless |

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



## CRL Glass Mounted Ring Style Pull Handle



### INCLUDES:

- 1 Set: CR18X18 Pull Handles (Back-to-Back Mounting)
- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

### SPECIFICATIONS:

#### For Use With:

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

#### Construction:

1" (25.4 mm) Diameter Stainless Steel or Brass Tubing

#### Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes, 18" (457 mm) Center-to-Center

| CAT. NO.  | FINISH             |
|-----------|--------------------|
| CR18X18BR | Polished Brass     |
| CR18X18PS | Polished Stainless |

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



## CRL Glass Mounted Ladder Style Pull Handle With Undercut Accent Rings



Overall Length  
25" (635 mm)

### INCLUDES:

- 1 Set: CT18X18 Pull Handles (Back-to-Back Mounting)
- 2 Each: Through-Bolts for Glass Mounting
- 4 Each: 1-1/4" (32 mm) Diameter Matching Finish Metal Washers and Rubber Gaskets

### SPECIFICATIONS:

#### For Use With:

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

#### Construction:

1" (25.4 mm) Diameter Stainless Steel or Brass Tubing

#### Glass Fabrication Required:

Two 5/8" (16 mm) Diameter Holes, 18" (457 mm) Center-to-Center

| CAT. NO.  | FINISH             |
|-----------|--------------------|
| CT18X18BR | Polished Brass     |
| CT18X18PS | Polished Stainless |
| CT18X18BS | Brushed Stainless  |

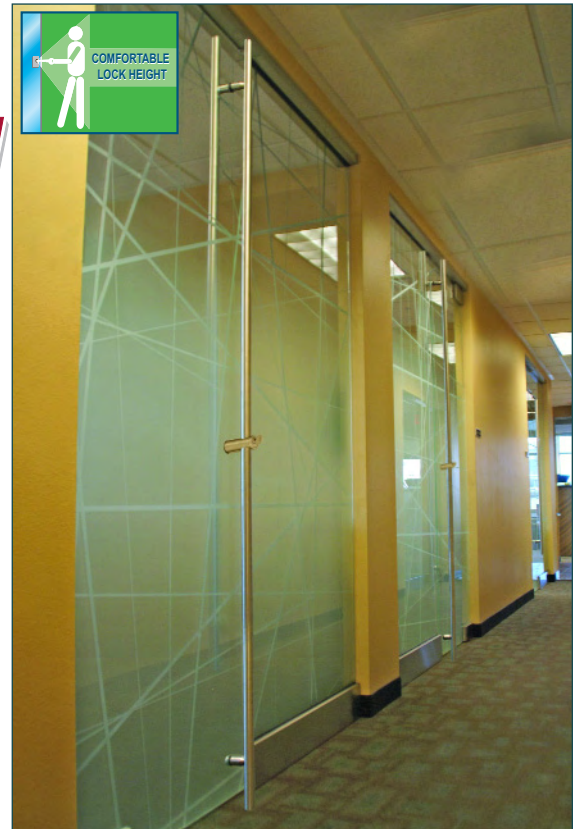
Minimum order: 1 each. All Pull Handles can be combined for quantity pricing.



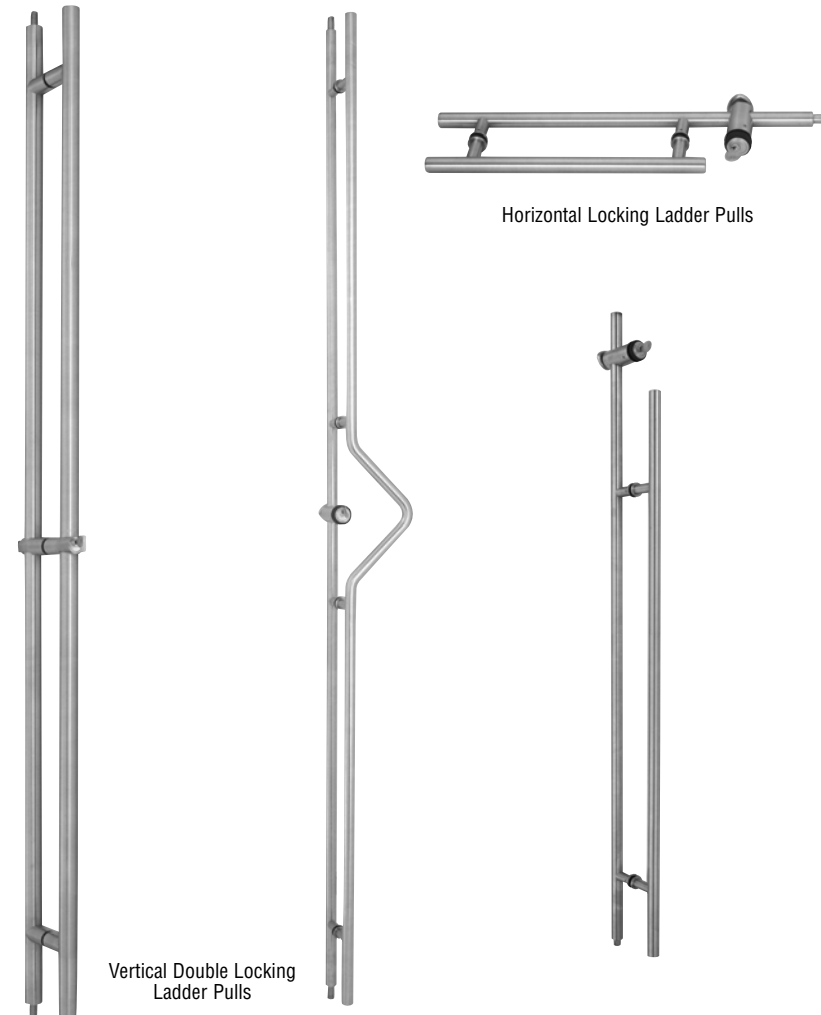
## CRL Locking Ladder Pulls

- Locks Operate at a Comfortable Height Above the Floor
- No Kneeling or Bending to Lock or Unlock Doors
- Seven Styles in Stock, Custom Sizes Available on Special Order
- Made of Durable Alloy 316 Stainless Steel Tubing
- Single and Double Locking Options Available
- 1-1/4" (32 mm) Long Deadbolt - All Units

**new**



Vertical Double Locking Ladder Pulls



Horizontal Locking Ladder Pulls

Vertical Double Locking Ladder Pulls

Vertical Floor Locking Ladder Pulls

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## CRL 53" Locking Ladder Pulls

**new**

- Lock Operates at a Comfortable 48-11/16" (1235 mm) Above the Floor
- Available in Brushed Stainless or With Black Leather Wrapped Handle\*
- 1" (25 mm) Diameter Alloy 316 Stainless Steel Tubing



Our new 53" Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that is operated at 48-11/16" (1235 mm) above the floor. 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 3/8" to 1/2" (10 to 12 mm) thick tempered glass. They lock into the floor only, and are available in brushed stainless steel, or for a truly unique look, black leather wrapped handle over brushed stainless steel. For Push/Pull Indicators in complementary finishes see pages T256-T257. One Cat. No. 58DKBS Dust Proof Keeper is included with each Locking Ladder Pull. Optional Replacement Key Cylinders are available for keying multiple handles alike on your larger projects (see page T225).



Interior Installation With Black Leather Wrapped Locking Ladder Pull Handles



\* Leather Wrapped Handles are for Interior Applications Only

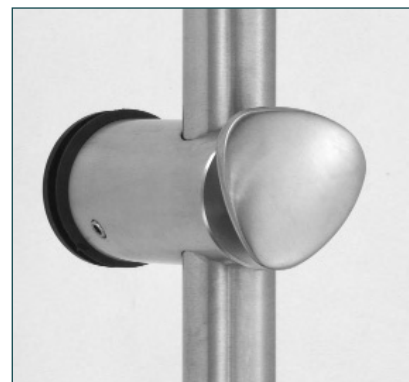
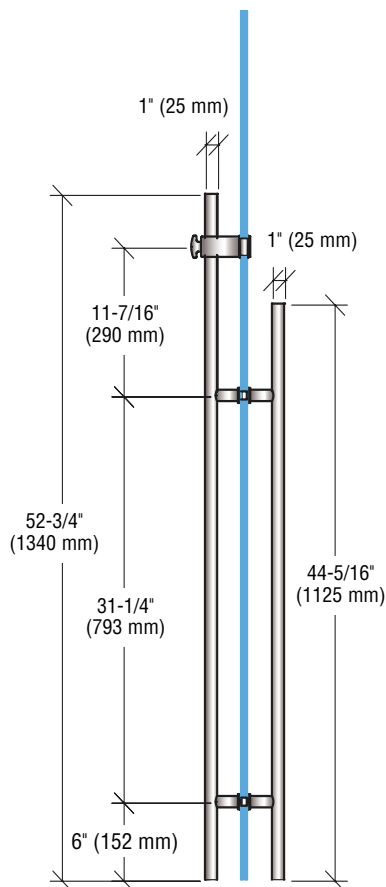
Floor Locking Only

**\*CAT. NO. LLP053LBS**

Brushed Stainless Steel Locking Ladder Pull Handle With Black Leather Wrap

**CAT. NO. LLP053BS**

Brushed Stainless Steel Locking Ladder Pull Handle



Easy to Operate Designer Thumbturn



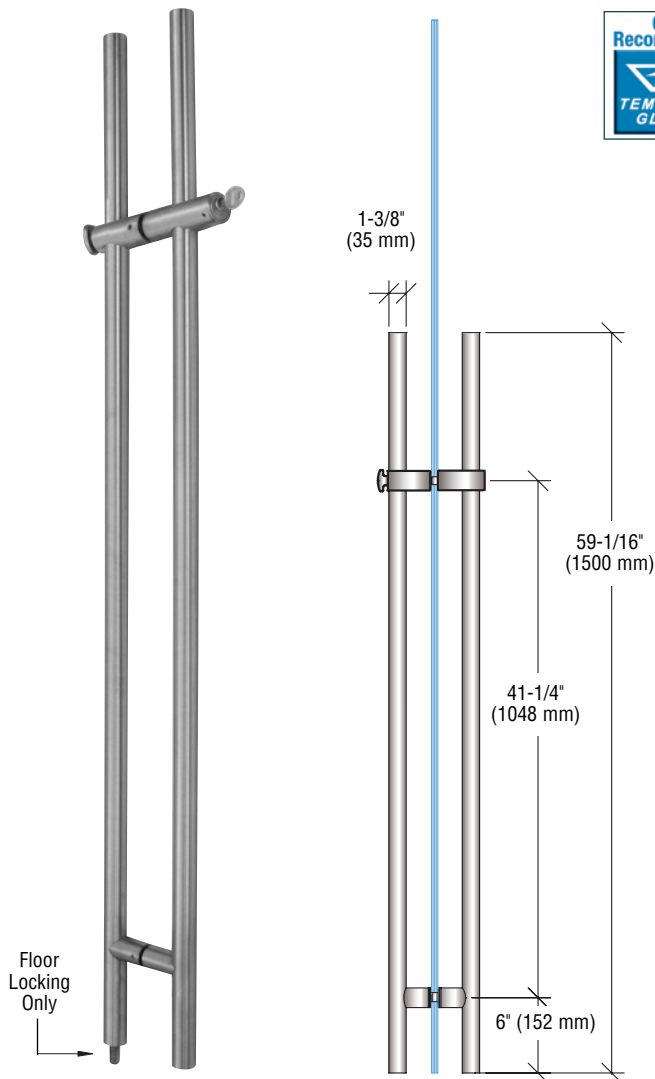
Replacement Key Cylinders are Available for Keying Handles Alike (see page T225)

## CRL 59" Locking Ladder Pull

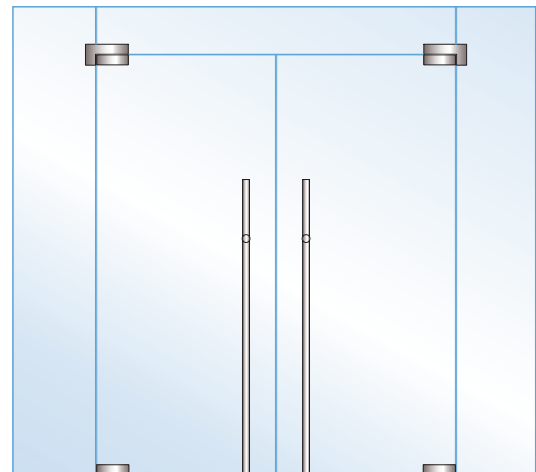
- Lock Operates at a Comfortable 47-1/4" (1200 mm) Above the Floor
- Locks into the Floor
- 1-3/8" (35 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing

**new**

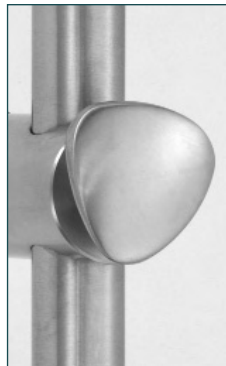
Our new Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that is operated at 47-1/4" (1200 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. These Locking Ladder Pulls are intended for use with glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass. They lock into the floor only, and are available in brushed stainless steel. For Push/Pull Indicators in complementary finishes see pages T256-T257. One Cat. No. 58DKBS Dust Proof Keeper is included with each Locking Ladder Pull. Optional Replacement Key Cylinders are available for keying multiple handles alike on your larger projects (see page T225).



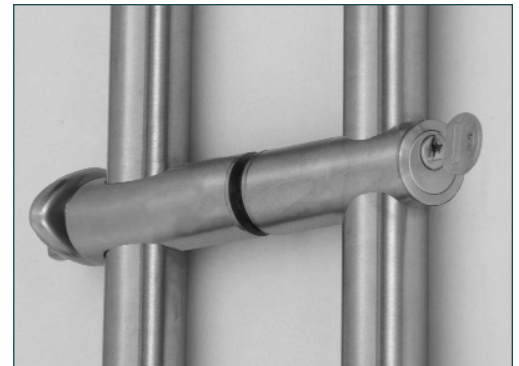
**CAT. NO. LLP059BS**  
Brushed Stainless Steel  
Locking Ladder Pull Handle



Double Door Installations Require Two Locking Handles



Easy to Operate Designer  
Thumbturn



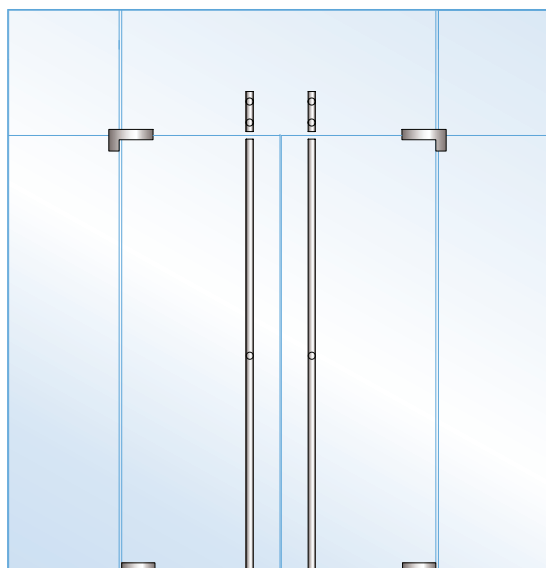
Replacement Key Cylinders are Available  
for Keying Handles Alike (see page T225)

## CRL 84" Double Locking Ladder Pull

**new**

- Top and Bottom Double Locking Ladder Pull Handle
- Lock Operates at a Comfortable 47-1/4" (1200 mm) Above the Floor
- 1-3/8" (35 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing

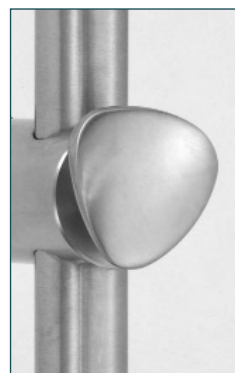
Our new Double Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that is operated at 47-1/4" (1200 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. These Locking Ladder Pulls are intended for use with glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass. They lock both at the header or transom and floor for ultimate security. Available in brushed stainless steel. For Push/Pull Indicators in complementary finishes see pages T256-T257. Two Cat. No. 58DKBS Dust Proof Keepers are included with each Locking Ladder Pull. Optional Ladder Keepers for glass transoms are available separately. (see top right). Optional Replacement Key Cylinders are available for keying multiple handles alike on your larger projects (see page T225).



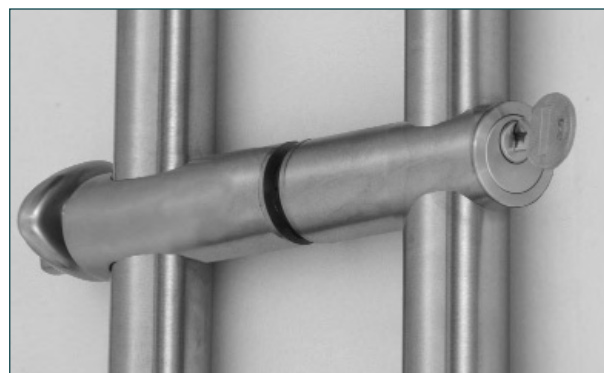
Double Door Installations Require Two Locking Handles



Double  
Locking  
Top and  
Bottom



Easy to Operate Designer  
Thumbturn

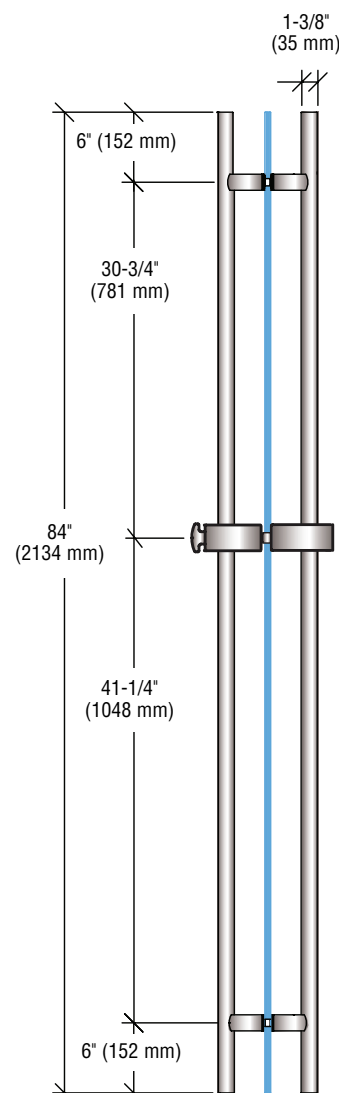
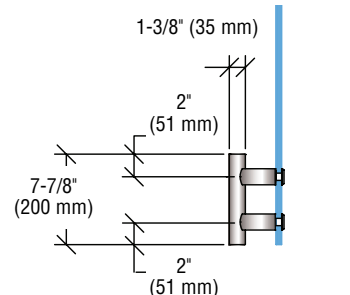


Replacement Key Cylinders are Available  
for Keying Handles Alike (see page T225)

### CAT. NO. LPK1BS

1-3/8" (35 mm) Diameter  
Brushed Stainless  
Ladder Keeper

(see page T225 for more options)



### CAT. NO. LLP084BS

Brushed Stainless Steel Double  
Locking Ladder Pull Handle



## CRL 55" Triangular Locking Ladder Pulls

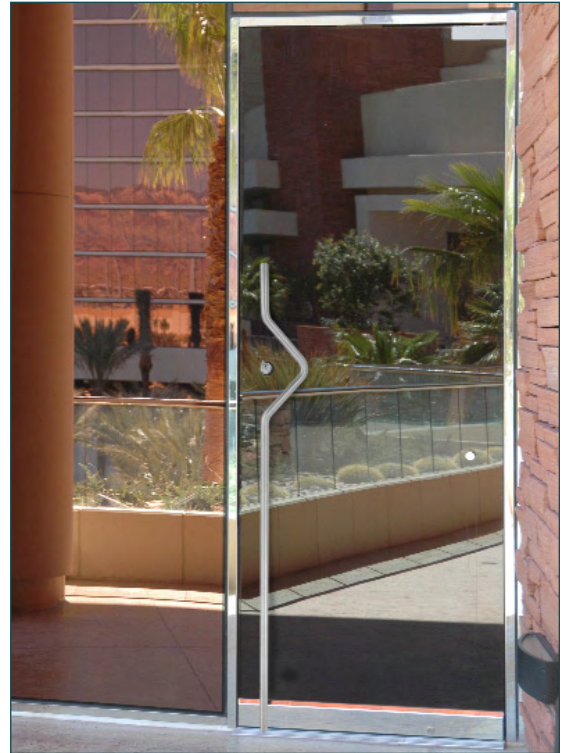
- New Triangular Design Locks at Floor Only
- Left and Right Hand Models for Single and Double Doors
- 1" (25 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing



Our new Triangular Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that is operated at 43-5/16" (1100 mm) above the floor. 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 3/8" to 1/2" (10 to 12 mm) thick tempered glass. They lock into the floor only, and are available in brushed stainless steel. For Push/Pull Indicators in complementary finishes see pages T256-T257. One Cat. No. 58DKBS Dust Proof Keeper is included with each Locking Ladder Pull. Optional Replacement Key Cylinders are available for keying multiple handles alike on your larger projects (see page T225).

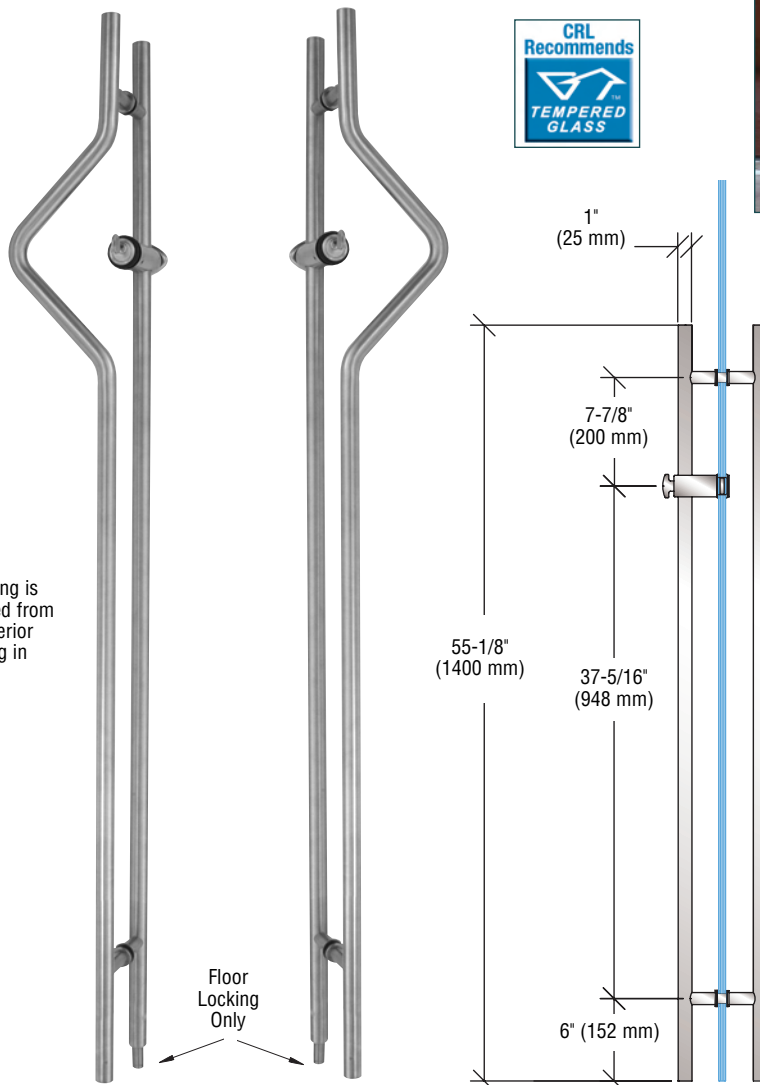


**new**



Single Door Installation With Right Hand Locking Handle

\* Handing is determined from the exterior looking in



Easy to Operate Designer Thumbturn



Replacement Key Cylinders are Available for Keying Handles Alike (see page T225)

**CAT. NO. LLP055TLBS**

\* Left Hand Triangular Locking Ladder Pull Handle

**CAT. NO. LLP055TRBS**

\* Right Hand Triangular Locking Ladder Pull Handle

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## CRL 84" Triangular Double Locking Ladder Pulls

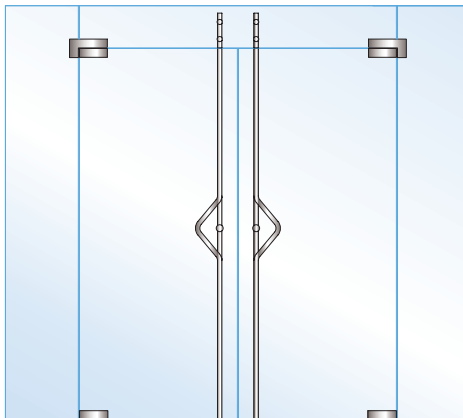
**new**

- New Triangular Design Locks at Both Top and Bottom
- Left and Right Hand Models for Single and Double Doors
- 1" (25 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing

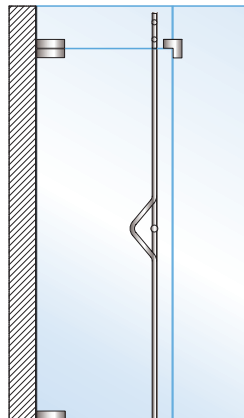
Our new Triangular Locking Ladder Pulls have a fully concealed deadbolt locking mechanism that is operated at 43-5/16" (1100 mm) above the floor. No need to bend, simply turn a key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. These Locking Ladder Pulls are intended for use with glass doors made from 3/8" to 1/2" (10 to 12 mm) thick tempered glass. They lock both at the header or transom and floor for ultimate security. Available in brushed stainless steel. For Push/Pull Indicators in complementary finishes see pages T256-T257. Two Cat. No. 58DKBS Dust Proof Keepers are included with each Locking Ladder Pull. Keepers for glass transoms are available separately (see top right). Optional Replacement Key Cylinders are available for keying multiple handles alike on your larger projects (see page T225).



\* Handing is determined from the exterior looking in



Double Door Installations Require One Left and One Right Hand Locking Handle



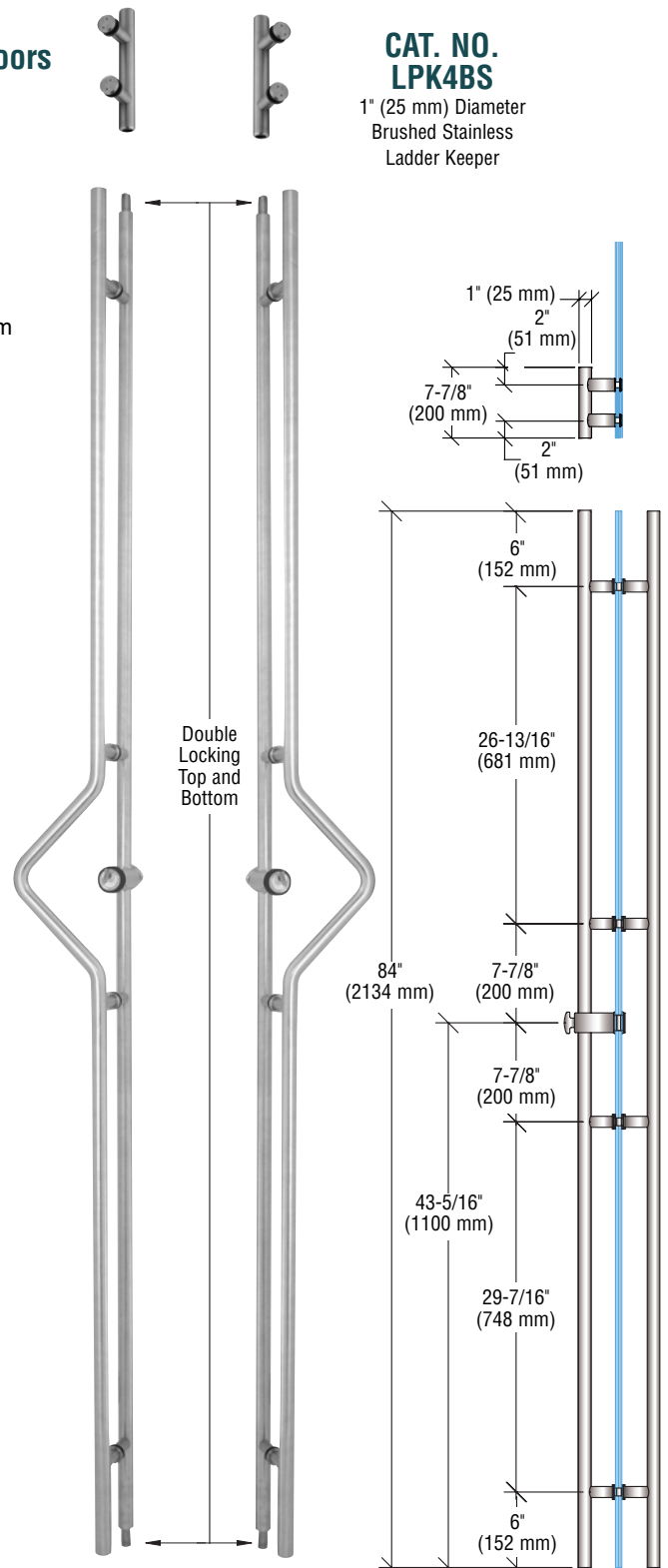
Single Door Installations Require One Left or Right Handed Locking Handle



Easy to Operate Designer Thumbturn



Replacement Key Cylinders are Available for Keying Handles Alike (see page T225)



**CAT. NO. LPK4BS**

1" (25 mm) Diameter  
Brushed Stainless  
Ladder Keeper

**CAT. NO. LLP084TLBS**

\* Left Hand Brushed Stainless  
Triangular Double Locking  
Ladder Pull Handle

**CAT. NO. LLP084TRBS**

\* Right Hand Brushed Stainless  
Triangular Double Locking  
Ladder Pull Handle

## CRL 24" Horizontal Locking Ladder Pulls

**new**



- Horizontal Locking Ladder Pull Handle for Contemporary Look on Double and Single Doors
- 1" (25 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing



Our new Horizontal Locking Ladder Pull will give your 3/8" to 1/2" (10 to 12 mm) tempered glass doors a contemporary look. They have a fully concealed deadbolt locking mechanism that locks into a complementary Horizontal Keeper for double door or single door with fixed glass panel installations. On single door installations the concealed locking mechanism engages into a Dustproof Keeper on the wall. No need to bend, simply turn key or thumbturn located at a comfortable height above the finished floor to lock or unlock your doors. These Horizontal Locking Ladder Pulls are available in brushed stainless steel. For Push/Pull Indicators in complementary finishes see pages T256-T257. One Cat. No. 58DKBS Dust Proof Keeper is included with each Locking Ladder Pull. Matching Horizontal Keeper Ladder Pull Handles are sold separately (see below). Optional Replacement Key Cylinders are available for keying multiple handles alike on your larger projects (see page T225).

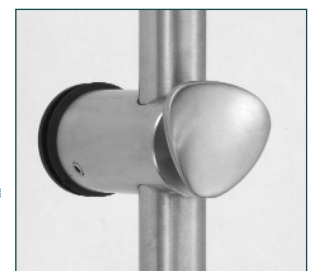
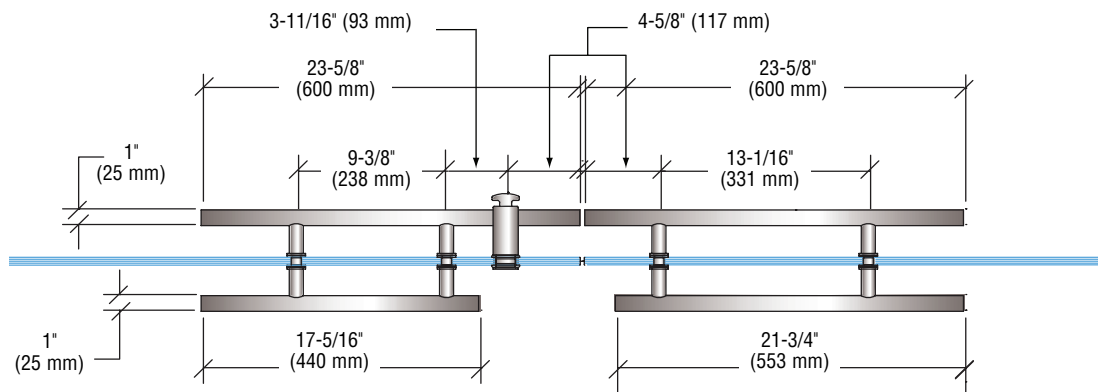
**NOTE:** Placement of pulls in relation to vertical edge of door is critical and dependent upon application, handing of doors, and jamb conditions.



**CAT. NO. LLP024BS**  
Brushed Stainless Steel Horizontal Locking Pull Handle



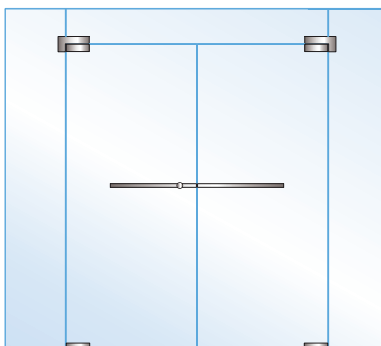
**CAT. NO. LPK3BS**  
Brushed Stainless Steel Horizontal Keeper Pull Handle



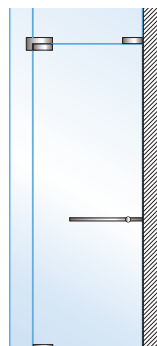
Easy to Operate Designer  
Thumbturn



Replacement Key Cylinders  
are Available for Keying  
Handles Alike (see page T225)



Double Door Installations  
Require One Locking Handle  
and One Keeper Handle



Single Door Installations  
Require One Locking  
Handle and a Dustproof Keeper

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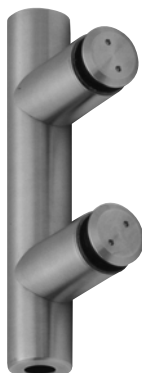
## CRL Locking Ladder Pull Accessories

**new**

### CRL 1-3/8" (35 mm) Ladder Keeper

- 1-3/8" (35 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing

This Ladder Keeper is designed to work with Cat. No. LLP084BS Locking Ladder Pulls only when used with a glass transom. Intended for use with 3/8" to 1/2" (10 to 12 mm) tempered glass. Brushed stainless steel finish to complement the Locking Ladder Pulls. See page T221 for dimensions. Please visit [crlaurence.com](http://crlaurence.com) for information on the Cat. No. USW10 Universal Spanner Wrench. Minimum order is one each.



CAT. NO. LPK1BS

### CRL 1" (25 mm) Ladder Keeper

- 1" (25 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing

This Ladder Keeper is designed to work with Cat. No.'s LLP084TLBS, LLP084TRBS, and LLP024BS Locking Ladder Pulls only when used with a glass transom or sidelite. Intended for use with 3/8" to 1/2" (10 to 12 mm) tempered glass. Brushed stainless steel finish to complement the Locking Ladder Pulls. See page T223 for dimensions. Please visit [crlaurence.com](http://crlaurence.com) for information on the Cat. No. USW10 Universal Spanner Wrench. Minimum order is one each.



CAT. NO. LPK4BS

### CRL 1-3/8" (35 mm) Single Hole Keeper

- 1-3/8" (35 mm) Diameter Alloy 316 Brushed Stainless Steel Tubing

This Keeper requires only a single hole in the glass. It is designed to work with Cat. No. LLP084BS Locking Ladder Pulls only when used with a glass transom. Intended for use with 3/8" to 1/2" (10 to 12 mm) tempered glass. Brushed stainless steel finish to complement the Locking Ladder Pulls. Please visit [crlaurence.com](http://crlaurence.com) for information on the Cat. No. USW10 Universal Spanner Wrench. Minimum order is one each.



CAT. NO. LPK2BS

### CRL Dust Proof Keeper

- For CRL Locking Ladder Pulls
- Accepts 5/8" (16 mm) Throw Bolt
- Alloy 316 Brushed Stainless Steel

Our new Dust Proof Keeper is intended to work with all CRL Locking Ladder Pulls with a concealed deadbolt locking mechanism. Brushed stainless steel finish. Requires a hole 1" (25 mm) in diameter by 1-7/8" (48 mm) deep. Minimum order is one each.

Spring-loaded Dust Cap



CAT. NO. 58DKBS

### CRL Dummy Cylinder

- Easy to Install
- Alloy 316 Brushed Stainless Steel

Our new Dummy Cylinder is intended to work with all CRL Locking Ladder Pulls. It replaces the factory installed Key Cylinders and converts Locking Ladder Pulls to interior thumbturn models only. Brushed stainless steel finish to complement Locking Ladder Pulls. Minimum order is one each.



CAT. NO. LPDC1

### CRL Replacement Key Cylinders

- For All CRL Locking Ladder Pulls
- Key Alike Your Entire Project
- Ten Different Keys Available

| CAT. NO. | KEY NUMBER |
|----------|------------|
| LPKEY1   | 1          |
| LPKEY2   | 2          |
| LPKEY3   | 3          |
| LPKEY4   | 4          |
| LPKEY5   | 5          |
| LPKEY6   | 6          |
| LPKEY7   | 7          |
| LPKEY8   | 8          |
| LPKEY9   | 9          |
| LPKEY10  | 10         |

Minimum order: 1 each.

These Keyed Cylinder Cores work with all CRL Locking Ladder Pulls. Choose from ten different key numbers to insure that your entire project is either keyed alike or keyed differently. Brushed stainless steel finish to complement lock housing.



## CRL Center Lock With Bottom Rail Extension Rod Throw

**new**

- Lets You Lock Doors at a Comfortable Height
- Secures Your 'All-Glass' Doors Better Than Ever Before
- One and Two Point Locking Options Available



We have expanded our Center Lock line by adding a new series of 4" x 10" Center Lock and Center Lock Glass Keepers that allow you to secure your 'all-glass' doors easier than ever before.

This innovative new series allows for one-point and two-point locking of 'all-glass' doors. Unlike previous two-point locking applications that force you to reach for the bottom rail of the door, our system allows you to operate the lock at a comfortable 36" to 42" (914 to 1067 mm) above the floor. No more bending or kneeling. Simply turn the key or thumbturn found on the Center Lock and your door is locked into the floor (one-point), or locked into the floor and jamb or Glass Mounted Keeper (two-points).

For additional information or assistance in choosing the right Center Lock for your application, 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 from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



CRL Two Point Center Lock with Optional DEK4102 Series Glass Keeper

## CRL One Point Center Lock With Bottom Rail Extension Rod Throw

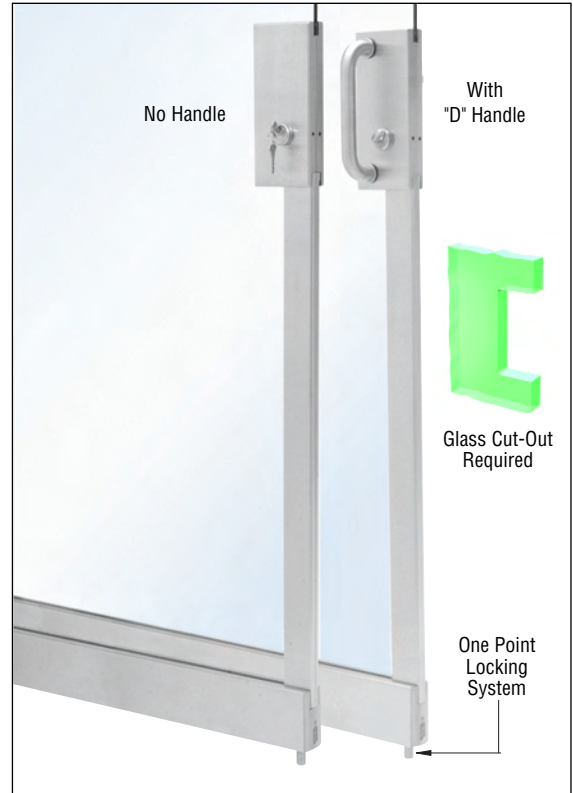
**new**

- Available With or Without Back-to-Back "D" Handle
- Completely Fabricated and Ready to Install
- Available in Five Standard Architectural Finishes
- Custom Finishes Available on Special Order
- For 1/2" (12 mm) Tempered Glass

This 4" x 10" Center Lock has an extended throw that latches through the bottom door rail and into the floor. It is completely activated at a comfortable distance above the floor utilizing a built-in Adams Rite 1860-02 Lock with a modified extension rod allowing the throw to enter the floor. A small edge channel that travels down from the Center Lock to the bottom rail conceals the extension rod. The Center Lock is non-handed, with a Thumbturn for the inside, and a Keyed Cylinder for the outside. You can order them with or without an 8" (203 mm) back-to-back "D" Handle.

**ORDERING NOTE:** This innovative system is intended for the fabrication of new doors only. Retrofit applications are not recommended because the bottom door rail must be factory-modified to accept the Extension Rod Throw, and the door glass requires a specially shaped cut-out to accept the Center Lock. Please contact Technical Sales for ordering assistance.

**NOTE:** In applications where A.D.A. Codes are a concern, a 10" (254 mm) tall bottom rail should be used with this Center Lock.



| NO HANDLE<br>CAT. NO. | WITH "D" HANDLE<br>CAT. NO. | FINISH               |
|-----------------------|-----------------------------|----------------------|
| DE4100BS              | DE4101BS                    | Brushed Stainless    |
| DE4100DU              | DE4101DU                    | Dark Bronze Anodized |
| DE4100PB              | DE4101PB                    | Polished Brass       |
| DE4100PS              | DE4101PS                    | Polished Stainless   |
| DE4100SC              | DE4101SC                    | Satin Anodized       |

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

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T226 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL Two Point Center Lock With Bottom Rail Extension Rod Throw

- Completely Fabricated and Ready to Install
- Available in Five Standard Architectural Finishes
- Custom Finishes Available on Special Order
- For 1/2" (12 mm) Tempered Glass

**new**



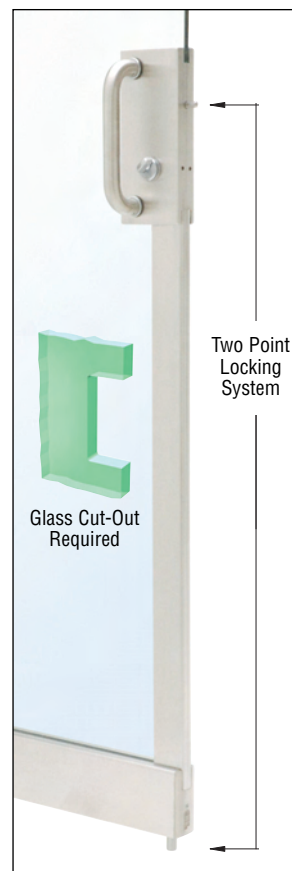
This 4" x 10" Center Lock has two throws, an extended throw that latches through the bottom door rail into the floor, and a horizontal throw that latches into the jamb or adjacent Glass Mount Keeper (sold separately, see page T239). It is completely activated at a comfortable distance above the floor utilizing a built-in Adams Rite 1860-02 Lock with a modified extension rod allowing the throw to enter the floor. A small edge channel that travels down from the Center Lock to the bottom rail conceals the extension rod. It includes an 8" (203 mm) back-to-back "D" Handle, a Thumbturn on the inside, and a Keyed Cylinder on the outside. No handle option available on special order.

**ORDERING NOTE:** This innovative system is intended for the fabrication of new doors only. Retrofit applications are not recommended because the bottom door rail must be factory-modified to accept the Extension Rod Throw, and the door glass requires a specially shaped cut-out to accept the Center Lock. Please contact Technical Sales for ordering assistance.

**NOTE:** In applications where A.D.A. Codes are a concern, a 10" (254 mm) tall bottom rail should be used with this Center Lock.

| CAT. NO. | HANDING    | FINISH               |
|----------|------------|----------------------|
| DE4102BS | Non-Handed | Brushed Stainless    |
| DE4102DU | Non-Handed | Dark Bronze Anodized |
| DE4102PB | Non-Handed | Polished Brass       |
| DE4102PS | Non-Handed | Polished Stainless   |
| DE4102SC | Non-Handed | Satin Anodized       |

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



## CRL One Point Center Lock Plus Keeper With Bottom Rail Extension Rod Throw

- Perfect Solution for Double Doors
- Available in Five Standard Architectural Finishes
- Completely Fabricated and Ready to Install
- For 1/2" (12 mm) Tempered Glass

**new**



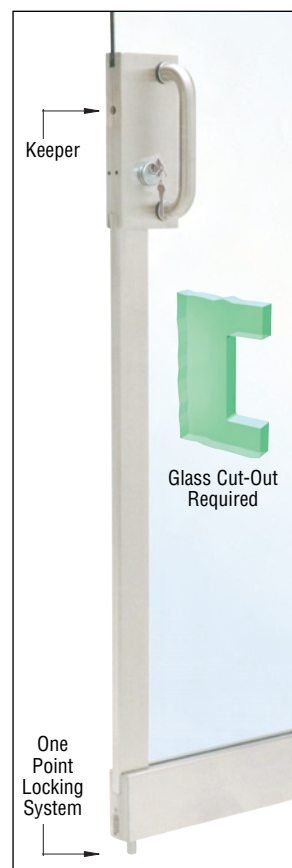
This 4" x 10" Center Lock has an extended throw that latches through the bottom door rail into the floor, and a strike for the horizontal throw from adjacent Center Lock (sold separately, see above). It is completely activated at a comfortable distance above the floor utilizing a built-in Adams Rite 1860-02 Lock with a modified extension rod allowing the throw to enter the floor. A small edge channel that travels down from the Center Lock to the bottom rail conceals the extension rod. It includes an 8" (203 mm) back-to-back "D" Handle, a Thumbturn on the inside, and a Keyed Cylinder on the outside. No handle option available on special order.

**ORDERING NOTE:** This innovative system is intended for the fabrication of new doors only. Retrofit applications are not recommended because the bottom door rail must be factory-modified to accept the Extension Rod Throw, and the door glass requires a specially shaped cut-out to accept the Center Lock. Please contact Technical Sales for ordering assistance.

**NOTE:** In applications where A.D.A. Codes are a concern, a 10" (254 mm) tall bottom rail should be used with this Center Lock.

| CAT. NO. | HANDING    | FINISH               |
|----------|------------|----------------------|
| DE4103BS | Non-Handed | Brushed Stainless    |
| DE4103DU | Non-Handed | Dark Bronze Anodized |
| DE4103PB | Non-Handed | Polished Brass       |
| DE4103PS | Non-Handed | Polished Stainless   |
| DE4103SC | Non-Handed | Satin Anodized       |

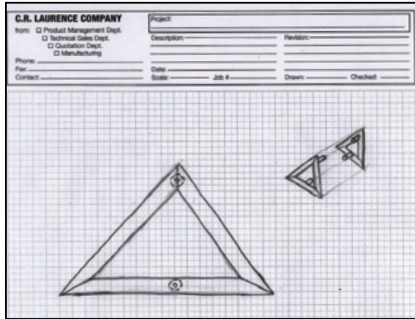
Minimum order: 1 each. All Center Locks can be combined for quantity pricing.



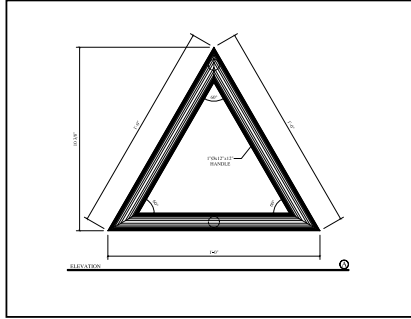


## CRL Makes Custom Door Handles

### Imagination



### Design



### Reality



## Custom Services

- Solid or Tubular Construction
- Available Diameters: 3/4", 1", 1-1/4", and 1-1/2" (19, 25, 32, and 38 mm)
- Over 20 Standard Finishes
- Custom Finish Matching
- Available in Brass, Stainless Steel, Aluminum or Bronze Metals
- Special CNC Machined Shapes
- Various Fastening Options for Most Applications
- Round, Square or Flat Bar Stock
- Custom Cast Metal Designs
- Bending, Mitering, and Welding
- Metal Etched Logos



CRL Manufacturing can make just about any design you might imagine. Our 270,000 square foot plant in Los Angeles can turn your imagination into reality. If you do not see a stock handle in our vast selection, send your specifications to our Technical Sales Staff to assist in designing the Custom Handle required for your project. Our engineering staff can supply you with a 3D CAD model of your design to help make sure you get exactly what you need for the project.

The options available are truly unlimited. From traditional bent handles to the more modern style of mitered welded corners. We can help supply you with the custom machined handle designs of tapered handles, or even special cast handles that will be unique.

Whether the job calls for round, square or flat bar material, CRL's staff of technical experts uses their years of experience in fabrication, installation, and design to help you meet the demands of your customers.

It starts with an idea, but with CRL we can make it a reality. For additional information or to begin the 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 e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.

# CRL COMMERCIAL DOOR HANDLES

For Pricing on CRL Products, Call Toll Free  
(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

CRL Commercial Door Handles are functionally appropriate in numerous situations where 'all-glass' doors are the centerpieces of a stylish entrance. 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 from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



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PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA | T229



## CRL Deadbolt Handles

- UL Classified, ANSI Certified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Available in Top Locking Only, Bottom Locking Only, or Both Top and Bottom Locking
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Custom Sizes Ship Within One to Two Weeks
- Models for Aluminum or Wood Doors Available on Special Order

CRL manufactures a complete line of Deadbolt Handles designed to 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" or 3/4" (12 or 19 mm) tempered glass door.

The interior portion of the device is a slender 1-1/4" (32 mm) tube. 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 at a comfortable height above the finished floor. To complement the sleek interior look, we offer a variety of exterior pull handles that can be as simple as a horizontal handle or one that mirrors the interior device.

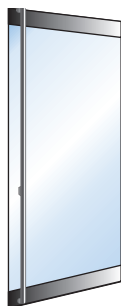
All top locking Deadbolt Handles can be used in conjunction with an Electric Strike, allowing for remote keyless entry. For your convenience, Custom Headers are available with all strike hardware installed.

Where A.D.A. Codes are not a concern, we offer our bottom locking Deadbolt Handles. These Deadbolts are of the same sleek design as the top locking Deadbolt Handles, except they latch at the bottom of the door into the floor or threshold. Strikes are available for either threshold or no threshold applications, providing secure, accurate engagement of the deadbolt with every closing.

All of our Deadbolt Handles go through rigorous testing before they leave our manufacturing facility, ensuring that a high quality, dependable Deadbolt Handle is installed every time. Most importantly, they are all UL Classified to ANSI A156.16-1997 Standard. For more information on Deadbolt Handles, please visit our web site at [crlaurence.com](http://crlaurence.com).



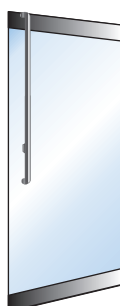
**DB130**  
Locks at  
top only



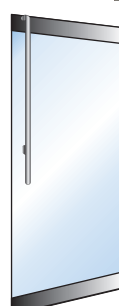
**DB131**  
Locks at  
bottom only



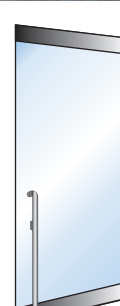
**DB132**  
Locks at top  
and bottom



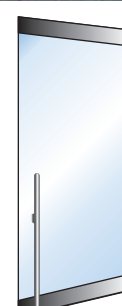
**DB160**  
Locks at  
top only



**DB170**  
Locks at  
top only



**DB150**  
Locks at  
bottom only



**DB140**  
Locks at  
bottom only

### MAXIMUM DOOR HEIGHTS:

- Exterior - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness
- 102" (2.59 m) for 3/4" (19 mm) Glass Thickness
- Interior - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness
- 108" (2.74 m) for 3/4" (19 mm) Glass Thickness
- Exception - When using "F" Style Exterior Handle
- 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness

### SPECIFICATIONS:

- Material:** 1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)
- Glass Thicknesses:** 1/2" (12 mm) or 3/4" (19 mm)
- Glass Fabrication:** Please contact CRL Technical Sales
- Certification:** UL Classified  
ANSI A156.16-1997



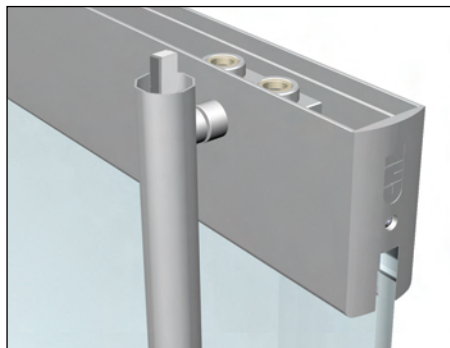
Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



## CRL Deadbolt Top Locking Handle Details



Glass Mount Detail at Latch



Rail Mount Detail at Latch



Keyed Access – Cylinder Out / Thumbturn In



Glass Mount Detail at Latch With Header and Hole for Latch



Rail Mount Detail at Latch With Header and PK Strike



Glass Mount Detail at Latch With Header and ESK Strike

## CRL Deadbolt Bottom Locking Handle Details



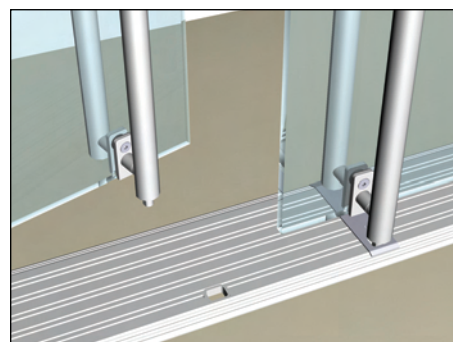
Glass Mount Detail at Latch



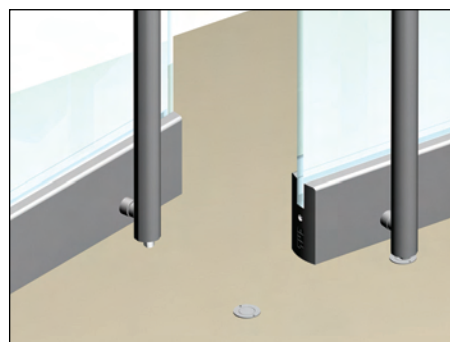
Rail Mount Detail at Latch



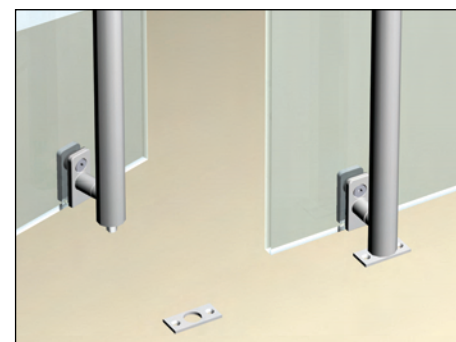
Keyed Access – Cylinder Out / Cylinder In



Glass Mount Detail at Latch With Threshold  
Prepped for Latch



Rail Mount Detail at Latch at Floor With  
AMR209PS Dust Proof Keeper



Glass Mount Detail at Latch at Floor With 777SP Flat Strike

Contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also send e-mail from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

## CRL DB130 and DB140 Series Deadbolt Handles

- UL Classified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Models for Aluminum or Wood Doors Available on Special Order
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- DB130 Series Can Be Used With an Electric Strike

### CRL DB130F, DB131F, and DB132F Deadbolt Handles



Exterior Handle  
"F"

**NOTE:** DB130 Deadbolt Handles lock at the head only; DB131 Deadbolt Handles lock at the sill only; DB132 Deadbolt Handles lock at both the head and sill for a more secure installation.



### CRL DB140K-S Deadbolt Handles



Exterior Handle  
"K-S"



#### ORDERING OPTIONS

When ordering DB130 or DB140 Series Deadbolts you must specify:

- DB130, DB131, DB132 or DB140 (interior mechanism as shown above)
- Exterior Handle Option (F and K-S shown above, see [crlaurence.com](http://crlaurence.com) for a complete listing of Optional Exterior Handles)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- Keyed In and Out or Keyed Out / Thumbturn In
- Single or Double Door Stop Strike (for DB132 Single Acting Doors Only)
- With or Without Electric Strike Prep (for DB130 Only)
- Finish

**NOTE:** Strikes must be ordered separately. Please visit [crlaurence.com](http://crlaurence.com) for these and other available options.

#### MAXIMUM DOOR HEIGHTS

- |           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| Exterior  | - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness                       |
|           | - 102" (2.59 m) for 3/4" (19 mm) Glass Thickness                      |
| Interior  | - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness                      |
|           | - 108" (2.74 m) for 3/4" (19 mm) Glass Thickness                      |
| Exception | - When using "F" Style Exterior Handle                                |
|           | - 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness |

See page T231 for Deadbolt Handle details.

#### SPECIFICATIONS:

##### Material:

1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)

##### Glass Thicknesses:

1/2" (12 mm) or 3/4" (19 mm)

##### Glass Fabrication:

Please contact CRL Technical Sales

##### Certification:

UL Classified  
ANSI A156.16-1997

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 from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

**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.

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T232 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL DB150 and DB160 Series Deadbolt Handles

- UL Classified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles
- Models for Aluminum or Wood Doors Available on Special Order
- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- DB160 Series Can Be Used With an Electric Strike

### CRL DB150K Deadbolt Handles



Exterior Handle  
"K"

### CRL DB160J Deadbolt Handles



Exterior Handle  
"J"



#### ORDERING OPTIONS

When ordering DB150 or DB160 Series Deadbolts you must specify:

- DB150 or DB160 (interior mechanism as shown above)
- Exterior Handle Option (K and J shown above, see [crlaurence.com](http://crlaurence.com) for a complete listing of Optional Exterior Handles)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- Keyed In and Out or Keyed Out / Thumbturn In
- Single or Double Door Stop Strike (for DB160 Single Acting Doors Only)
- With or Without Electric Strike Prep (for DB160 Only)
- Finish

**NOTE:** Strikes must be ordered separately. Please visit [crlaurence.com](http://crlaurence.com) for these and other available options.

#### MAXIMUM DOOR HEIGHTS

- |           |                                                                       |
|-----------|-----------------------------------------------------------------------|
| Exterior  | - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness                       |
|           | - 102" (2.59 m) for 3/4" (19 mm) Glass Thickness                      |
| Interior  | - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness                      |
|           | - 108" (2.74 m) for 3/4" (19 mm) Glass Thickness                      |
| Exception | - When using "F" Style Exterior Handle                                |
|           | - 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness |

See page T231 for Deadbolt Handle details.

#### SPECIFICATIONS:

##### Material:

1-1/4" (32 mm) Diameter Brass or Stainless Steel Tubing (1.5 mm thick)

##### Glass Thicknesses:

1/2" (12 mm) or 3/4" (19 mm)

##### Glass Fabrication:

Please contact CRL Technical Sales

##### Certification:

UL Classified  
ANSI A156.16-1997

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 from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

**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 DB170 Series Deadbolt Handles

- UL Classified
- For 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors
- Wide Selection of Exterior Fixed Handles

- Available in Polished and Brushed Stainless, Satin and Polished Brass, and Oil Rubbed Bronze
- Custom Finishes Available By Special Order
- Can Be Used With an Electric Strike
- Models for Aluminum or Wood Doors Available on Special Order

## CRL DB170J-S Deadbolt Handles



Exterior Handle  
"J-S"

### ORDERING OPTIONS

When ordering DB170 Series Deadbolts you must specify:

- DB170 (interior mechanism as shown at left)
- Exterior Handle Option (J-S shown at left, see [crlaurence.com](http://crlaurence.com) for a complete listing of Optional Exterior Handles)
- Handing (as viewed from the exterior side of the door)
- Rail or Glass Mount
- Glass Thickness
- Keyed In and Out or Keyed Out / Thumbturn In
- Single or Double Door Stop Strike (for Single Acting Doors Only)
- With or Without Electric Strike Prep
- Finish

**NOTE:** Strikes must be ordered separately. Please visit [crlaurence.com](http://crlaurence.com) for these and other available options.

### MAXIMUM DOOR HEIGHTS

- |                                                  |                                                                       |
|--------------------------------------------------|-----------------------------------------------------------------------|
| Exterior                                         | - 96" (2.44 m) for 1/2" (12 mm) Glass Thickness                       |
|                                                  | - 102" (2.59 m) for 3/4" (19 mm) Glass Thickness                      |
| Interior                                         | - 102" (2.59 m) for 1/2" (12 mm) Glass Thickness                      |
|                                                  | - 108" (2.74 m) for 3/4" (19 mm) Glass Thickness                      |
| Exception – When using "F" Style Exterior Handle | - 108" (2.74 m) for either 1/2" or 3/4" (12 or 19 mm) Glass Thickness |

See page T231 for Deadbolt Handle details.

### SPECIFICATIONS:

#### Material:

1-1/4" (32 mm) Diameter Brass or Stainless  
Steel Tubing (1.5 mm thick)

#### Glass Thicknesses:

1/2" (12 mm) or 3/4" (19 mm)

#### Glass Fabrication:

Please contact CRL Technical Sales

#### Certification:

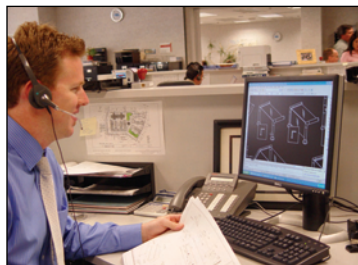
UL Classified  
ANSI A156.16-1997



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 from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

**NOTE:** All Access Control Handles on this page function as health and safety tools, and may only be purchased through CRL Authorized Glass Temperers and Door Manufacturers.



## Technical Assistance

CRL Technical Sales can be reached Monday through Friday from 6:00 am to 5:00 pm Pacific Time. Phone toll free (800) 421-6144 from anywhere in the U.S., (877) 421-6144 from anywhere in Canada, or (323) 588-1281 International, and ask for Ext. 7700.

You can also send e-mail requests for quotes or product information from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



## Online Photo Gallery

When you visit the [crlaurence.com](http://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.



## A Growing Family of CRL Commercial Lock Systems and Components to Help You Adapt to Most Any Security Application



- Center Locks
- Patch Locks
- Cylinder Locks
- Panic Exit Devices
- Electronic Locks
- Aluminum Door Locks
- Specialty Locks
- Access Handles

- Locks and Accessories for Both Glass and Aluminum Doors
- For Glass Thicknesses From 3/8" to 3/4" (10 to 19 mm)
- Stocked in Popular Commercial Finishes, With Custom Finishes Available on Special Order
- Quick Pick Inventory on Many Items to Assure Fast Delivery



CRL Manufacturing Headquarters in Los Angeles, California



### Typical Applications Include:



#### Privacy and Security

Conference rooms and main entrances are just a couple of places you can use our Center Locks and Keepers. See pages T238 to T241.



#### Electromagnetic Solutions

CRL recognizes the increasing demands for the versatility and security offered by our Electromagnetic Locks. See pages T254 to T255.



## The Wide Variety of Commercial Lock Systems and Components From CRL Will Provide "Security Solutions" for You



### Solutions for Unique Job Conditions

Sometimes your problem is not solved with a typical Pull Handle, and a Specialty Handle is required. See pages T228



### 'All-Glass' Entrances

When trying to get the most visual impact in your entrance, our Center Locks will meet your needs. See pages T218 to T227.



### Replacement Hardware

The replacement and repair market can be a great way for you to offer a special value to your customers. See pages T238 to T249.



### Security and Safety for Aluminum Doors

We offer a wide variety of Panic Devices for most aluminum storefront applications. See pages T250.



### Elegant Entrances

Our Panic, Deadbolt, and Egress Control Handles will help give entrances a look that will turn heads. See pages T252 to T253.

For more information on lock systems for your project 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 send e-mail through the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

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PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA | T237





## CRL Center Locks

- Available in Two Sizes: 4" x 10" and 6" x 10"
- Choose From Three Types: Deadlatch, Long Throw Deadlock, and Hook Throw Deadlock
- For Use With 1/2" (12 mm) Tempered Glass; Custom Sizes for 3/8" (10 mm) Glass 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 will fabricate custom units that can be shipped within one week. Available in five stock finishes: Brushed Stainless, Polished Stainless, Polished Brass, Dark Bronze Anodized, and Satin Anodized, with custom finishes available on special order. **NOTE:** A glass cut-out is required.

CRL Offers an easy-to-use ordering menu that takes you through all the required information needed to produce your Center Lock. It can be faxed or e-mailed to you, or accessed at [crlaurence.com](http://crlaurence.com).



## CRL 4" x 10" Center Locks and Glass Keepers

### CRL 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 3/8" (10 mm) Glass and Custom Finishes Can Be Special Ordered



RH/LHR Shown

CRL 4" x 10" Center Locks With Deadlatch come with a Deadlatch that can be dogged in the open position, an 8" (203 mm) Back-to-Back "D" Handle, a Thumbturn on the inside, and a Keyed Cylinder on the outside. The dogging feature is engaged by simply pushing both deadlatch bolts fully into the open position, then engaging the dogging clips by turning either the Keyed Cylinder or Thumbturn until the clips snap in place.

Available in five attractive finishes for 1/2" (12 mm) heavy glass doors. Custom Locks with different accessories are available on special order (see page T241).

| LH/RHR*<br>CAT. NO. | RH/LHR*<br>CAT. NO. | FINISH               |
|---------------------|---------------------|----------------------|
| DL410LBS            | DL410RBS            | Brushed Stainless    |
| DL410LDU            | DL410RDU            | Dark Bronze Anodized |
| DL410LPB            | DL410RPB            | Polished Brass       |
| DL410LPS            | DL410RPS            | Polished Stainless   |
| DL410LSC            | DL410RSC            | Satin Anodized       |

Minimum order: 1 each. \*See page T240 for handing chart. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out  
Required

### CRL Center Lock Glass Keepers

- For Use With 1/2" (12 mm) Tempered Glass
- Installs Easily With Bolts; No Silicone or Cement Required
- Non-Handed Stock Models Available in Five Standard Finishes
- Custom Sizes for 3/8" (10 mm) Glass and Custom Finishes Can Be Special Ordered



Non-Handed

CRL 4" x 10" 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 (see page T241).

| CAT. NO. | HANDING    | FINISH               |
|----------|------------|----------------------|
| DLK410BS | Non-Handed | Brushed Stainless    |
| DLK410DU | Non-Handed | Dark Bronze Anodized |
| DLK410PB | Non-Handed | Polished Brass       |
| DLK410PS | Non-Handed | Polished Stainless   |
| DLK410SC | Non-Handed | Satin Anodized       |

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



Glass Cut-Out  
Required

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T238 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## 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" 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.



Non-Handed



Glass Cut-Out Required

| CAT. NO. | FINISH               |
|----------|----------------------|
| DT410BS  | Brushed Stainless    |
| DT410DU  | Dark Bronze Anodized |
| DT410PB  | Polished Brass       |
| DT410PS  | Polished Stainless   |
| DT410SC  | Satin Anodized       |

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

### 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" 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.



Non-Handed



Glass Cut-Out Required

| CAT. NO. | FINISH               |
|----------|----------------------|
| DH410BS  | Brushed Stainless    |
| DH410DU  | Dark Bronze Anodized |
| DH410PB  | Polished Brass       |
| DH410PS  | Polished Stainless   |
| DH410SC  | Satin Anodized       |

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

### CRL Glass Keepers for Center Locks With Long Throw Deadlock

- Non-Handed Stock Models Available in Five Finishes
- Installs Easily With Bolts; No Silicone or Cement Required
- For Use With 1/2" (12 mm) Tempered Glass
- Custom Sizes for 3/8" (10 mm) Tempered Glass Are Available on Special Order

Non-Handed 4" x 10" Glass Keepers for the 4" x 10" Long Throw and Hook Throw Deadlocks. Available in five finishes for 1/2" (12 mm) heavy glass doors.



Non-Handed



Glass Cut-Out Required

| CAT. NO. | FINISH               |
|----------|----------------------|
| DTK410BS | Brushed Stainless    |
| DTK410DU | Dark Bronze Anodized |
| DTK410PB | Polished Brass       |
| DTK410PS | Polished Stainless   |
| DTK410SC | Satin Anodized       |

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

### CRL Glass Keepers for DE4102 Series Center Locks

**new**

- Non-Handed Stock Models Available in Five Finishes for 1/2" (12 mm) Tempered Glass
- Installs Easily With Bolts; No Silicone or Cement Required
- Custom Sizes Available on Special Order for 3/8" (10 mm) Tempered Glass

These non-handed 4" x 10" Glass Keepers are for use on glass panels adjacent to swinging doors using our DE4102 Series Two-Point Center Locks (see page T227)



Glass Cut-Out Required

| CAT. NO.  | FINISH               |
|-----------|----------------------|
| DEK4102BS | Brushed Stainless    |
| DEK4102DU | Dark Bronze Anodized |
| DEK4102PB | Polished Brass       |
| DEK4102PS | Polished Stainless   |
| DEK4102SC | Satin Anodized       |

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.



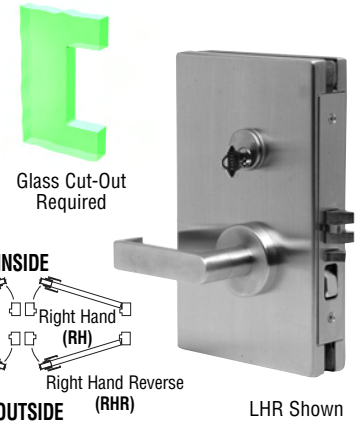
## CRL 6" x 10" Center Locks and Glass Keepers

### CRL Center Locks With Deadlatch

6" x 10" 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.



- Hassle Free Installation Without the Mess of Cement or Silicone
- For 1/2" (12 mm) Tempered Glass; Custom Units for 3/8" (10 mm) Glass on Special Order
- Ships in Under a Week
- Available in Five Finishes
- Jamb Mount Strike Plates on Special Order



### Lock Functions:

#### Office Lock:

Latchbolt is operated by lever on either side (except when outside lever is locked by button 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.

#### Entrance Lock:

Latchbolt is operated by lever on either side (except when Deadbolt is projected). Deadbolt is operated by key outside and thumbturn inside. Turning inside lever will retract Latchbolt and Deadbolt simultaneously to allow exiting. **NOTE:** Will not work with Electric Strikes.

#### Passage Lock:

Latchbolt is operated by lever on either side. Turning inside lever will always retract the locking mechanism and allow exiting.

#### Storeroom Lock:

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.

#### Classroom Lock:

Latchbolt is operated by lever either side (except when outside lever is locked by Key outside). Key operates latch or unlocks outside lever. Inside lever is always operable.

| LH CAT. NO.                                               | RH CAT. NO. | LHR CAT. NO. | RHR CAT. NO. | FINISH               |
|-----------------------------------------------------------|-------------|--------------|--------------|----------------------|
| <b>OFFICE LOCK</b>                                        |             |              |              |                      |
| 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    | Dark Bronze Anodized |
| <b>ENTRANCE LOCK (WILL NOT WORK WITH ELECTRIC STRIKE)</b> |             |              |              |                      |
| 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    | Dark Bronze Anodized |
| <b>PASSAGE LOCK</b>                                       |             |              |              |                      |
| 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    | Dark Bronze Anodized |
| <b>STOREROOM LOCK</b>                                     |             |              |              |                      |
| 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    | Dark Bronze Anodized |
| <b>CLASSROOM LOCK</b>                                     |             |              |              |                      |
| 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    | Dark Bronze Anodized |

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

## CRL Center Lock Glass Keepers

- Installs Easily With Bolts; No Silicone or Cement Required
- Available in Five Popular Finishes
- For 1/2" (12 mm) Tempered Glass

6" x 10" Center Lock Glass Keepers have a strike plate with a latch entry ramp on both sides, making them universal for all applications. Available in five attractive finishes for 1/2" (12 mm) tempered glass doors.

| ENTRANCE LOCKS CAT. NO. | FOR OTHER LOCKS CAT. NO. | FINISH               |
|-------------------------|--------------------------|----------------------|
| DLK610EBS               | DLK610BS                 | Brushed Stainless    |
| DLK610EPS               | DLK610PS                 | Polished Stainless   |
| DLK610EPB               | DLK610PB                 | Polished Brass       |
| DLK610ESC               | DLK610SC                 | Satin Anodized       |
| DLK610EDU               | DLK610DU                 | Dark Bronze Anodized |

Minimum order 1 each. All Center Locks and Keepers can be combined for quantity pricing. \*Used only with Entrance Locks.



Non-Handed



Glass Cut-Out Required

## CRL Center Lock Glass Keepers With Deadlatch Electric Strike

6" x 10" Custom Center Lock Glass Keepers with Deadlatch Electric Strike are handed to match the appropriate Center Lock. To simplify ordering use the same handing as the lock. **NOTE:** Will not work with Entrance Lock configuration. These units are special order and can be shipped within one week. Please contact Commercial 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.



RH/LHR Shown



Glass Cut-Out Required

| LH/RHR CAT. NO. | RH/LHR CAT. NO. | FINISH               |
|-----------------|-----------------|----------------------|
| DLEL610BS       | DLER610BS       | Brushed Stainless    |
| DLEL610PS       | DLER610PS       | Polished Stainless   |
| DLEL610PB       | DLER610PB       | Polished Brass       |
| DLEL610SC       | DLER610SC       | Satin Anodized       |
| DLEL610DU       | DLER610DU       | Dark Bronze Anodized |

Minimum order: 1 each. All Center Locks and Keepers can be combined for quantity pricing.

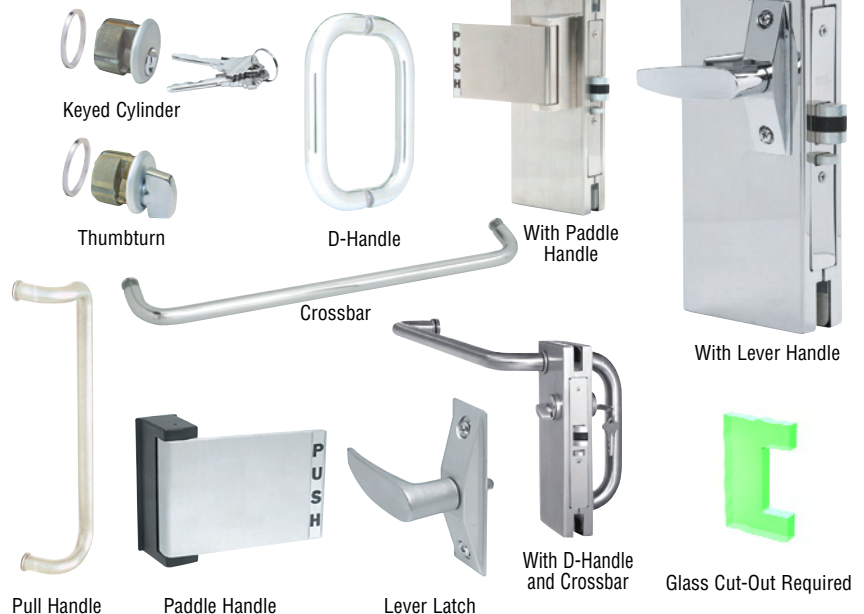
## CRL Custom Center Locks and Glass Keepers

CRL Custom Center Locks with Deadlatch are available in both 4" x 10" and 6" x 10" sizes with many options. You have a choice of Actuating Mechanisms, Keyed Cylinder or Thumbturn, Handle and Crossbar, or even Combination Locks. 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 five attractive finishes for 1/2" (12 mm) heavy glass doors. Strike Plates or Glass Keepers must be ordered separately. Glass Keepers with Electric Strikes are shown below, as well as on page T240. To simplify ordering we have an Easy-to-Use Ordering Menu available at [crlaurence.com](http://crlaurence.com).



- Installs Easily With Bolts; No Silicone or Cement Required
- Ready to Ship Within One Week
- Available in Five Standard Finishes
- Accepts 1/2" (12 mm) Tempered Glass; Custom Units for 3/8" (10 mm) Glass on Special Order



## CRL Custom Center Lock Glass Keepers With Deadlatch Electric Strike

- Accepts 1/2" (12 mm) Tempered Glass

4" x 10" Custom Center Lock Glass Keeper with Deadlatch Electric Strike is handed to match the appropriate Center Lock. To simplify ordering use the same handing as the lock. That way you match the Glass Keeper with Deadlatch Electric Strike to Center Lock handing, which eliminates confusion. These units are special order and can be shipped within one week. For more information, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7700. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.



RH/LHR Shown

| LH/RHR*<br>CAT. NO. | RH/LHR*<br>CAT. NO. | FINISH               |
|---------------------|---------------------|----------------------|
| DLEL410BS           | DLER410BS           | Brushed Stainless    |
| DLEL410DU           | DLER410DU           | Dark Bronze Anodized |
| DLEL410PB           | DLER410PB           | Polished Brass       |
| DLEL410PS           | DLER410PS           | Polished Stainless   |
| DLEL410SC           | DLER410SC           | Satin Anodized       |

Minimum order: 1 each. \*See page T240 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 Center Lock Strikes

- Brushed Stainless Steel
- Back-Up Plate and Dust Box Included
- Non-Handed



Back-Up Plate



Dust Box



Strike

CRL 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.

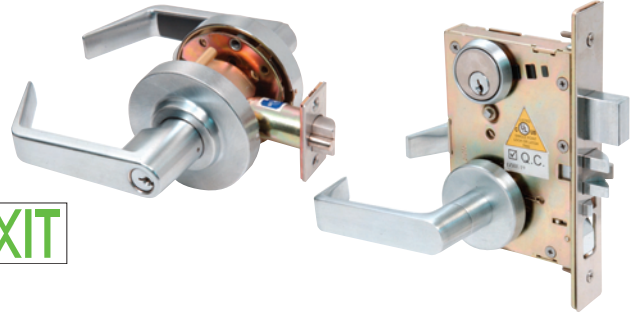
| SMALL 1-3/4"<br>WIDE JAMB<br>CAT. NO. | MEDIUM 4"<br>WIDE JAMB<br>CAT. NO. | LARGE 4-1/2"<br>WIDE JAMB<br>CAT. NO. | FINISH            |
|---------------------------------------|------------------------------------|---------------------------------------|-------------------|
| DL4515                                | DL4540                             | DL4545                                | Brushed Stainless |

Minimum order: 1 each. All Center Lock Strikes can be combined for quantity pricing.

## CRL Commercial Cylindrical and Mortise Lever Locks

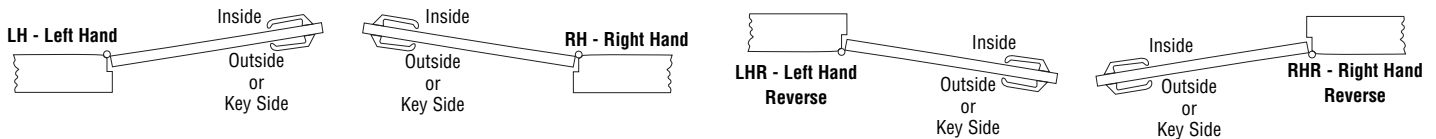
**new**

- Cylindrical Lever Locks are Non-Handed and Reversible
- 2-3/4" (70 mm) Backset
- For 1-3/8" to 1-3/4" (35 to 44 mm) Thick Doors



| INTERIOR | EXTERIOR | FUNCTION<br>ANSI NUMBER  | FUNCTION<br>DESCRIPTION                                                                                                                                                                                                                                                                            |
|----------|----------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          |          | <b>Passage</b><br>F 75   | Both levers are always free.                                                                                                                                                                                                                                                                       |
|          |          | <b>Privacy</b><br>F 76   | Push button locking from inside. Lock can be opened from outside with narrow flat head screwdriver or by rotating inside lever.                                                                                                                                                                    |
|          |          | <b>Entrance</b><br>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.                                                                                                   |
|          |          | <b>Storeroom</b><br>F 86 | Outside lever always locked. Key unlatches only. Inside lever always allows free egress.                                                                                                                                                                                                           |
|          |          | <b>Entrance</b><br>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. |

## Door Handing is Determined from Outside or Key (Secure) Side of the Door



## CRL Heavy-Duty Mortise Lever Locks

CRL Heavy-Duty Commercial Grade 1 Mortise Lever Locksets are easy to install, and come with detailed installation instructions. These Mortise Lever Locks have a 3-hour fire rating and are UL Listed. The lock case features heavy-duty stamped steel construction.

Lever Locks are available to meet ANSI-F20 Entrance Function, with Right Hand, Left Hand, Right Hand Reverse, or Left Hand Reverse handing options. Locksets fit 1-3/4" (44 mm) door thicknesses, and are made for a 2-3/4" (70 mm) backset. The 1-1/8" (28 mm) mortise cylinder has a Schlage "C" 6-pin keyway. Also included is an ANSI 1-1/4" x 4-7/8" (32 x 124 mm) curved lip Strike. One per box.

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 e-mail through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.

- ANSI A156.13 Series 1000 Grade 1
- 3 Year Warranty
- UL Listed

**new**



Opposite Side



| LEFT HAND<br>CAT. NO. | RIGHT HAND<br>CAT. NO. | LEFT HAND REVERSE<br>CAT. NO. | RIGHT HAND REVERSE<br>CAT. NO. |
|-----------------------|------------------------|-------------------------------|--------------------------------|
| ML9453LH              | ML9453RH               | ML9453LHR                     | ML9453RHR                      |

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

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T242 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA



## CRL Heavy-Duty Grade 1 Lever Lockset

- Clutch Feature
- 3 Year Warranty
- ANSI A156.2 Grade 1
- UL Listed

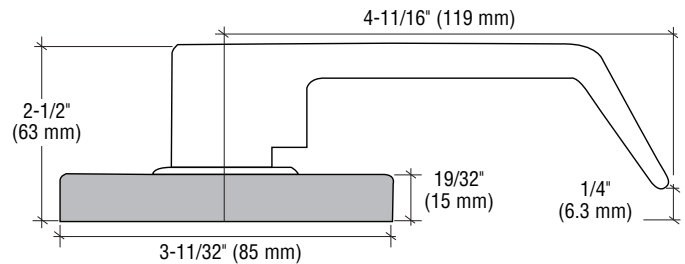
These CRL Heavy-Duty Commercial Grade 1 Lever Locksets are non-handed and reversible. Heavy-duty construction, with a clutch feature, which disengages the outer lever when the latch is locked. This prevents latch failure when excessive torque is applied to the outer lever in an attempt to force entry. Clutch feature on Entrance and Storeroom functions only. Heavy die cast construction with stamped steel inner chassis.

CRL Heavy-Duty Grade 1 Lever Locksets are UL Listed with a 3-hour fire rating. CRL Lever Locksets fit door thicknesses from 1-3/8" to 1-3/4" (35 to 44 mm), and are made for a 2-3/4" (70 mm) backset. The Entrance and Storeroom models come standard with a Schlage "C" 6-pin keyway, and an ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike is included for all models. One per box.

| CAT. NO.       | FUNCTION  | FINISH         |
|----------------|-----------|----------------|
| <b>D10PASS</b> | Passage   | Brushed Chrome |
| <b>D40PRV</b>  | Privacy   | Brushed Chrome |
| <b>D50ENT</b>  | Entrance  | Brushed Chrome |
| <b>D70STR</b>  | Storeroom | Brushed Chrome |

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

**new**



## CRL Standard-Duty Grade 2 Lever Lockset

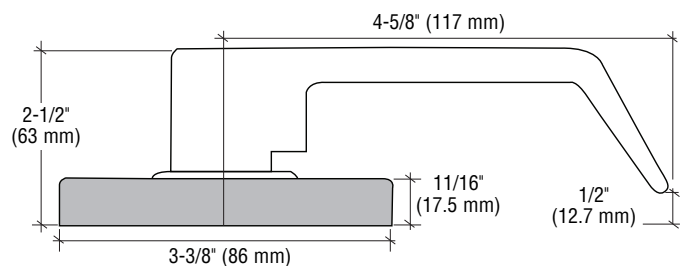
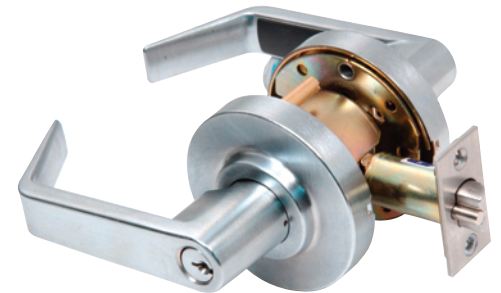
- Non-Handed and Reversible
- 3 Year Warranty
- ANSI A156.2 Grade 2
- UL Listed

CRL Standard-Duty Grade 2 Lever Locksets are easy to install, and come with detailed installation instructions. Heavy die cast construction with stamped steel inner chassis. CRL Standard-Duty Grade 2 Lever Locksets are UL Listed with a 3-hour fire rating. Non-handed and reversible, these Lever Locksets fit door thicknesses from 1-3/8" to 1-3/4" (35 to 44 mm), and are made for a 2-3/4" (70 mm) backset. Entrance and Storeroom models come standard with a Schlage "C" 6-pin keyway. An ANSI 1-1/4" x 4-7/8" (32 x 124 mm) Strike is included for all models. One per box.

| CAT. NO.       | FUNCTION  | FINISH         |
|----------------|-----------|----------------|
| <b>D15PASS</b> | Passage   | Brushed Chrome |
| <b>D45PRV</b>  | Privacy   | Brushed Chrome |
| <b>D55ENT</b>  | Entrance  | Brushed Chrome |
| <b>D75STR</b>  | Storeroom | Brushed Chrome |

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

**new**



## CRL Deadlatches, Spring Latches, and Strikes for Lever Locks

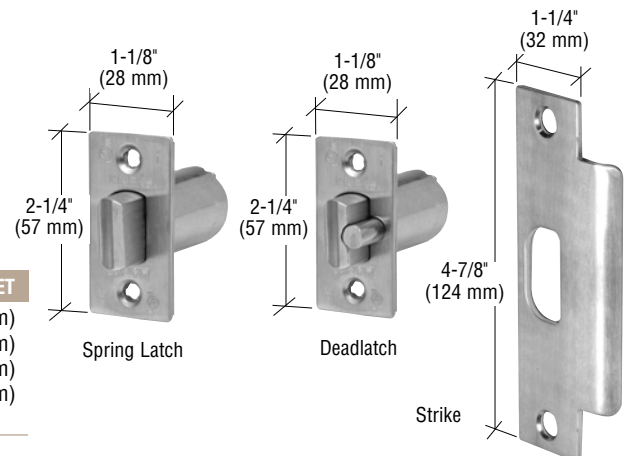
- Non-Handed and Reversible
- UL Listed
- ANSI 156.2 Grade 1 or 2

CRL Deadlatch 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        |
|----------------|--------------|-------|----------------|
| <b>DL238</b>   | Deadlatch    | 2     | 2-3/8" (60 mm) |
| <b>DL234</b>   | Deadlatch    | 1     | 2-3/4" (70 mm) |
| <b>SL238</b>   | Spring Latch | 1     | 2-3/8" (60 mm) |
| <b>SL234</b>   | Spring Latch | 1     | 2-3/4" (70 mm) |
| <b>PLK1ASA</b> | Strike       | 1     |                |

Minimum order: 1 each. Deadlatch, Spring Latches, and Strikes can be combined for quantity pricing.

**new**



## CRL Single Mortise Key Cylinder

- 1" (25 mm) Length 5-Pin Cylinder; 1-5/32" (29 mm) Diameter
- AR MS-Type Cam
- Available Keyed Alike or Differently in Two Keyway Configurations



The Single Mortise Key Cylinder comes with two keys in either Schlage "C" or Yale "8" keyway configurations. 1-5/32" (29 mm) diameter, 1" (25 mm) long 5-Pin Cylinder; AR MS – Type Cam; Core Face and Keys US26D. Die cast zinc construction. Includes a 3/16" (5 mm) cylinder ring. Other cylinder ring sizes and styles available (see page T245). One per package.

| CAT. NO.     | KEYWAY      | KEYED     | FINISH   |
|--------------|-------------|-----------|----------|
| DL2170SCKDA  | Schlage "C" | Different | Aluminum |
| DL2170SCKAA  | Schlage "C" | Alike     | Aluminum |
| DL2170SCKDDU | Schlage "C" | Different | Bronze   |
| DL2170SCKADU | Schlage "C" | Alike     | Bronze   |
| DL2170Y8KDA  | Yale "8"    | Different | Aluminum |
| DL2170Y8KAA  | Yale "8"    | Alike     | Aluminum |
| DL2170Y8KDDU | Yale "8"    | Different | Bronze   |
| DL2170Y8KADU | Yale "8"    | Alike     | Bronze   |

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

## CRL Double Mortise Key Cylinder

- 1" (25 mm) Length 5-Pin Cylinder; 1-5/32" (29 mm) Diameter
- AR MS-Type Cam
- Available Keyed Alike or Differently in Two Keyway Configurations



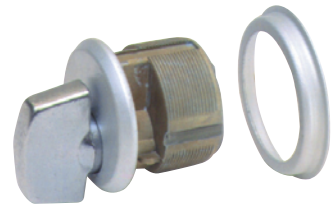
Our Double Mortise Key Cylinder comes with two keys in either Schlage "C" or Yale "8" keyway configurations. 1-5/32" (29 mm) diameter, 1" (25 mm) long 5-Pin Cylinder; AR MS – Type Cam; Core Face and Keys US26D. Die cast zinc construction. Includes 3/16" (5 mm) cylinder rings. Other cylinder ring sizes and styles available (see page T245). One pair per package.

| CAT. NO.     | KEYWAY      | KEYED     | FINISH   |
|--------------|-------------|-----------|----------|
| DL2171SCKDA  | Schlage "C" | Different | Aluminum |
| DL2171SCKAA  | Schlage "C" | Alike     | Aluminum |
| DL2171SCKDDU | Schlage "C" | Different | Bronze   |
| DL2171SCKADU | Schlage "C" | Alike     | Bronze   |
| DL2171Y8KDA  | Yale "8"    | Different | Aluminum |
| DL2171Y8KAA  | Yale "8"    | Alike     | Aluminum |
| DL2171Y8KDDU | Yale "8"    | Different | Bronze   |
| DL2171Y8KADU | Yale "8"    | Alike     | Bronze   |

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

## CRL Mortise Thumbturn Cylinder

- 1" (25 mm) Length 5-Pin Cylinder; 1-5/32" (29 mm) Diameter
- AR MS-Type Cam
- Activates Cylinder Lock Without a Key



The CRL Mortise Thumbturn Cylinder is used to activate the lock without the need for a key. 1-5/32" (29 mm) diameter, 1" (25 mm) long 5-Pin Cylinder. Die cast zinc construction.

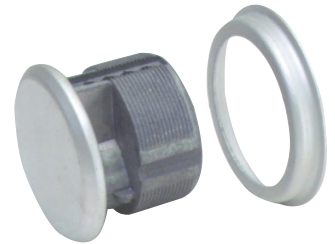
Includes a 3/16" (5 mm) cylinder ring. Other cylinder ring sizes and styles available (see page T245). One per package.

| CAT. NO. | FINISH                                | QTY/PKG |
|----------|---------------------------------------|---------|
| DL2172A  | Aluminum Face with Aluminum Thumbturn | 1       |
| DL2172DU | Bronze Face with Aluminum Thumbturn   | 1       |
| DL2178DU | Bronze Face with Bronze Thumbturn     | 1       |
| J4530B   | Aluminum Face with Aluminum Thumbturn | *10     |
| J4531B   | Bronze Face with Aluminum Thumbturn   | *10     |

Minimum order: 1 each. \*Minimum order: 1 pack. All Mortise Cylinders can be combined for quantity pricing.

## CRL Mortise Dummy Cylinder

- Fills Abandoned Cylinder Holes
- No Keyway or Cam



The Mortise Dummy Cylinder is used to fill in a cylinder hole that has been abandoned or is not going to be used. Available in aluminum or bronze finishes. 1-5/32" (29 mm) diameter, 7/8" (22 mm) long Cylinder. Die cast zinc construction. Includes a 3/16" (5 mm) thick cylinder ring. Other cylinder ring sizes and styles available (see page T245). One per package.

| CAT. NO. | FINISH   |
|----------|----------|
| DL2173A  | Aluminum |
| DL2173DU | Bronze   |

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

## CRL Rim Key Cylinder

- Available Keyed Alike or Differently in Aluminum and Bronze Finishes
- 5-Pin Cylinder



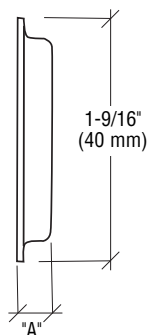
This CRL Rim Cylinder comes with two keys in the Schlage "C" keyway configuration. Available keyed differently or alike in two different finishes. 1-7/8" (48 mm) breakaway screws and 1-1/4" (32 mm) breakaway spindle. One per package.

| CAT. NO.    | KEYED     | FINISH   |
|-------------|-----------|----------|
| DL911SCKDA  | Different | Aluminum |
| DL911SCKAA  | Alike     | Aluminum |
| DL911SCKDDU | Different | Bronze   |
| DL911SCKADU | Alike     | Bronze   |

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

## CRL Flared Cylinder Rings

- For Spacing Mortise Key Cylinders



Flared Cylinder Rings are used to obtain proper cylinder depth so the locking cam and the lock mechanism align. Available in aluminum or bronze finishes. One per package.

| CAT. NO.  | DIMENSION "A"  | FINISH   |
|-----------|----------------|----------|
| DL2175AA  | .157" (4.0 mm) | Aluminum |
| DL2175AB  | .197" (5.0 mm) | Aluminum |
| DL2175DUA | .157" (4.0 mm) | Bronze   |
| DL2175DUB | .197" (5.0 mm) | Bronze   |

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

## CRL Cylinder Guard

- Hardened Steel Security Ring
- Free Spinning Beveled Collar
- Fits Standard Face 5-Pin, 1-5/32" (29 mm) Mortise Key Cylinder
- For Use on Aluminum Doors

The beveled collar, free spinning, hardened steel Cylinder Guard is used to prevent the removal of the lock cylinder with pliers or a pipe wrench. Cylinder Guard is furnished with retaining clip and two spacers. Available in aluminum or bronze finishes. One per package.

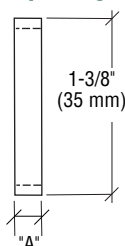


| CAT. NO. | COLLAR HEIGHT | FINISH   |
|----------|---------------|----------|
| DL2174A  | 3/8" (10 mm)  | Aluminum |
| DL2174DU | 3/8" (10 mm)  | Bronze   |

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

## CRL Straight Cylinder Rings

- For Spacing Mortise Key Cylinders



Straight Cylinder Rings are used to obtain proper cylinder depth so the locking cam and the lock mechanism align. Available in aluminum or bronze finishes in three thicknesses. One per package.

| CAT. NO.  | DIMENSION "A"  | FINISH   |
|-----------|----------------|----------|
| DL2176AA  | .157" (4.0 mm) | Aluminum |
| DL2176AB  | .197" (5.0 mm) | Aluminum |
| DL2176AC  | .256" (6.5 mm) | Aluminum |
| DL2176DUA | .157" (4.0 mm) | Bronze   |
| DL2176DUB | .197" (5.0 mm) | Bronze   |
| DL2176DUC | .256" (6.5 mm) | Bronze   |

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

## CRL Cylinder Mounting Pad

- For Mounting Mortise Cylinders
- Includes Locking Ring
- Two Finishes



Cylinder Mounting Pads are used with Standard Mortise Cylinders with a MS Type Cam on Concealed Vertical Rod Panic Devices to allow key access from outside. Available in aluminum or bronze finishes. One per package. Mounting screws included.

| CAT. NO. | WIDTH            | HEIGHT         | FINISH   |
|----------|------------------|----------------|----------|
| DL913A   | 1-11/16" (34 mm) | 2-1/2" (63 mm) | Aluminum |
| DL913DU  | 1-11/16" (34 mm) | 2-1/2" (63 mm) | Bronze   |

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

## CRL Lock Indicator Set

- Use With CRL DL2100 Series Deadlocks and AR MS Series Deadlocks
- Up Position Shows OPEN in Green Letters, Down Position Shows LOCKED in Red Letters
- Includes 26" x 1-1/2" (660 x 38 mm) Header Sign



| CAT. NO. | FINISH   |
|----------|----------|
| DL2177A  | Aluminum |
| DL2177DU | Bronze   |

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

### THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS

For use with CRL and AR MS Deadlocks on aluminum doors. Vertical actuator slide on back is in the "down" position when Indicator reads "LOCKED". Includes one Lock Indicator and one Header Sign. Indicator is 1-5/16" (33 mm) wide x 2-3/16" (56 mm) tall. One per package.

## CRL Inverted Lock Indicator Set

- Up Position Shows LOCKED in Red Letters, Down Position Shows OPEN in Green Letters
- Includes 26" x 1-1/2" (660 x 38 mm) Header Sign



| CAT. NO. | FINISH   |
|----------|----------|
| DL2187A  | Aluminum |
| DL2187DU | Bronze   |

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

### THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS

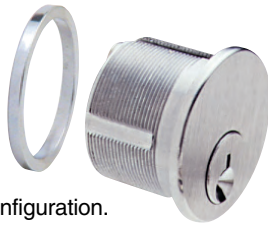
For use with Deadlocks. Vertical actuator slide on back is in the "up" position when Indicator reads "LOCKED". Includes one Lock Indicator and one Header Sign. Indicator is 1-5/16" (33 mm) wide x 2-3/16" (56 mm) tall. One per package.



## CRL DRA Series Single Mortise Cylinder

- Solid Brass
- 1" (25 mm) Length, 5-Pin Cylinder, 1-5/32" (29 mm) Diameter
- AR MS or DRA Cams

This CRL Single Mortise Key Cylinder has a solid brass housing with your choice of either AR MS or DRA cams. 1-5/32" (29 mm) diameter, 1" (25 mm) long 5-pin Cylinder. Core face and keys are US26D finish, Schlage "C" keyway configuration. Includes a .117 (3 mm) cylinder ring. One per package.



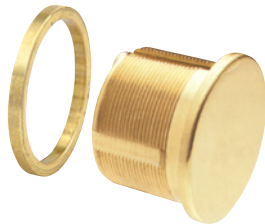
| CAT. NO.       | CAM TYPE | FINISH               |
|----------------|----------|----------------------|
| <b>DRA10PS</b> | DRA      | Polished Stainless   |
| <b>DRA10BS</b> | DRA      | Brushed Stainless    |
| <b>DRA10PB</b> | DRA      | Polished Brass       |
| <b>DRA10SA</b> | DRA      | Clear Anodized       |
| <b>DRA10DU</b> | DRA      | Dark Bronze Anodized |
| <b>DRA50PS</b> | AR MS    | Polished Stainless   |
| <b>DRA50BS</b> | AR MS    | Brushed Stainless    |
| <b>DRA50PB</b> | AR MS    | Polished Brass       |
| <b>DRA50SC</b> | AR MS    | Satin Chrome         |
| <b>DRA50DU</b> | AR MS    | Dark Bronze Anodized |

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

## CRL DRA Series Mortise Dummy Cylinder

- Solid Brass

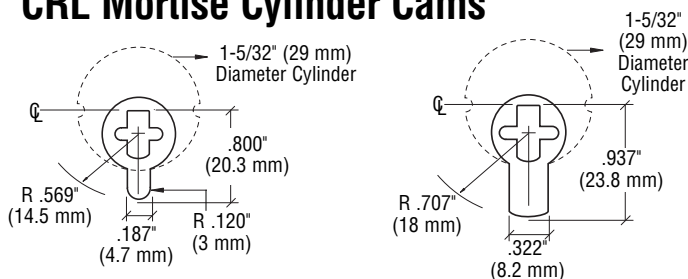
This CRL Mortise Dummy Cylinder has a solid brass housing, 1-5/32" (29 mm) diameter, 7/8" (22.2 mm) long Cylinder. Includes a .117 (3 mm) thick cylinder ring. One per package.



| CAT. NO.       | FINISH               |
|----------------|----------------------|
| <b>DRA30PS</b> | Polished Stainless   |
| <b>DRA30BS</b> | Brushed Stainless    |
| <b>DRA30PB</b> | Polished Brass       |
| <b>DRA30SA</b> | Clear Anodized       |
| <b>DRA30DU</b> | Dark Bronze Anodized |

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

## CRL Mortise Cylinder Cams



CAT. NO. DRACAM

CAT. NO. DRA10CAM

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.

## CRL DRA Series Mortise Thumbturn Cylinders

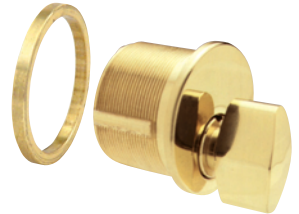
**new**

- Solid Brass
- Choose From Regular and New Low Profile Designs
- AR MS or DRA Cams



DRA22

Low Profile Thumbturn



DRA20 and DRA60

Regular Thumbturn

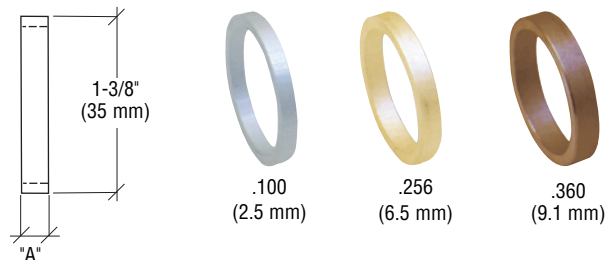
These CRL Mortise Thumbturn Cylinders have a solid brass housing with your choice of either Regular or Low Profile Thumbturns. 1-5/32" (29 mm) diameter, 1" (25 mm) long 5-pin Cylinder. Includes a .117 (3 mm) thick cylinder ring. One per package.

| REGULAR CAT. NO. | LOW PROFILE CAT. NO. | CAM TYPE | FINISH               |
|------------------|----------------------|----------|----------------------|
| <b>DRA20PS</b>   | <b>DRA22PS</b>       | DRA      | Polished Stainless   |
| <b>DRA20BS</b>   | <b>DRA22BS</b>       | DRA      | Brushed Stainless    |
| <b>DRA20PB</b>   | <b>DRA22PB</b>       | DRA      | Polished Brass       |
| <b>DRA20SA</b>   | <b>DRA22SA</b>       | DRA      | Clear Anodized       |
| <b>DRA20DU</b>   | <b>DRA22DU</b>       | DRA      | Dark Bronze Anodized |
| <b>DRA60PS</b>   | -                    | AR MS    | Polished Stainless   |
| <b>DRA60BS</b>   | -                    | AR MS    | Brushed Stainless    |
| <b>DRA60PB</b>   | -                    | AR MS    | Polished Brass       |
| <b>DRA60SC</b>   | -                    | AR MS    | Satin Chrome         |
| <b>DRA60DU</b>   | -                    | AR MS    | Dark Bronze Anodized |

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

## CRL DRA Series Straight Cylinder Rings

- Three Thicknesses to Choose From



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

| CAT. NO.        | THICKNESS     | FINISH               |
|-----------------|---------------|----------------------|
| <b>DRA100PS</b> | .100 (2.5 mm) | Polished Stainless   |
| <b>DRA100BS</b> | .100 (2.5 mm) | Brushed Stainless    |
| <b>DRA100PB</b> | .100 (2.5 mm) | Polished Brass       |
| <b>DRA100SA</b> | .100 (2.5 mm) | Clear Anodized       |
| <b>DRA256PS</b> | .256 (6.5 mm) | Polished Stainless   |
| <b>DRA256BS</b> | .256 (6.5 mm) | Brushed Stainless    |
| <b>DRA256PB</b> | .256 (6.5 mm) | Polished Brass       |
| <b>DRA256SA</b> | .256 (6.5 mm) | Clear Anodized       |
| <b>DRA256DU</b> | .256 (6.5 mm) | Dark Bronze Anodized |
| <b>DRA360PS</b> | .360 (9.1 mm) | Polished Stainless   |
| <b>DRA360BS</b> | .360 (9.1 mm) | Brushed Stainless    |
| <b>DRA360PB</b> | .360 (9.1 mm) | Polished Brass       |
| <b>DRA360SA</b> | .360 (9.1 mm) | Clear Anodized       |
| <b>DRA360DU</b> | .360 (9.1 mm) | Dark Bronze Anodized |

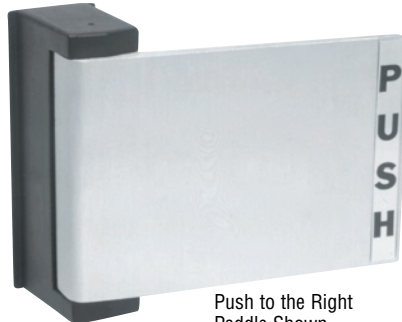
Minimum order: 1 each. All Mortise Cylinders can be combined for quantity pricing.

## CRL Universal Push-Pull Paddles

- Field Reversible for Left or Right Hand Installations
- Fits CRL DL2140 Series, Adams Rite, S.Parker, I.D.C., Global, and Primeline Deadlatches
- Available in Six Finishes



Cam Plug Included



Push to the Right  
Paddle Shown

The Universal Push-Pull Paddle comes with cartridges which allow it to be applied to push or pull, left or right handed doors. It fits deadlatches with backsets from 7/8" (22 mm) to 1-1/2" (38 mm). Simple to follow instructions allow field reversal to meet your needs. Comes complete with Cam Plug, Push and Pull Indicators, Mounting Screws, Templates and directions. Measures approximately 5" x 4" (127 x 102 mm). Buying the paddle to meet your specifications from the chart below eliminates disassembling and reassembling internal parts. One per package.

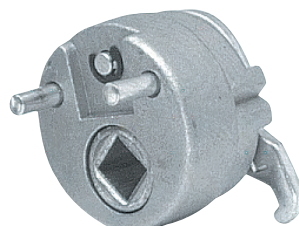
| OPERATION |               |
|-----------|---------------|
|           | DL2161 Series |
|           | DL2162 Series |
|           | DL2163 Series |
|           | DL2164 Series |

| CAT. NO. | OPERATION            | FINISH         |
|----------|----------------------|----------------|
| DL2161A  | Pull Left/Push Right | Aluminum       |
| DL2161DU | Pull Left/Push Right | Bronze         |
| DL2161BR | Pull Left/Push Right | Brass          |
| DL2161CH | Pull Left/Push Right | Chrome         |
| DL2161BN | Pull Left/Push Right | Brushed Nickel |
| DL2161SC | Pull Left/Push Right | Satin Chrome   |
| DL2162A  | Push Left/Pull Right | Aluminum       |
| DL2162DU | Push Left/Pull Right | Bronze         |
| DL2162BR | Push Left/Pull Right | Brass          |
| DL2162CH | Push Left/Pull Right | Chrome         |
| DL2162BN | Push Left/Pull Right | Brushed Nickel |
| DL2162SC | Push Left/Pull Right | Satin Chrome   |
| DL2163A  | Pull Right/Push Left | Aluminum       |
| DL2163DU | Pull Right/Push Left | Bronze         |
| DL2164A  | Push Right/Pull Left | Aluminum       |
| DL2164DU | Push Right/Pull Left | Bronze         |

Minimum order: 1 each. All Paddle and Lever Handles can be combined for quantity pricing.

## CRL Cam Plug

- For Use With Push-Pull Paddle and Lever Handles
- Non-Handed, Reversible



CAT. NO. DL2165

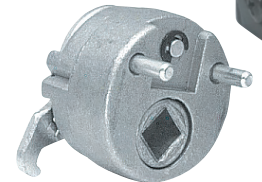
The Cam Plug works with DL2160 Series Paddles and DL2150 Series Lever Handles. Interfaces with all CRL Deadlatches. One per package. Minimum order is one each.

## CRL Lever Handles

- Field Reversible for Left or Right Hand Installations
- Fits CRL DL2140 Series, Adams Rite, S. Parker, I.D.C., Global, and Primeline Deadlatches
- Available in Six Finishes



Turning lever downward will activate deadlatch. Heavy-duty spring will return the lever automatically to fully horizontal position. The escutcheon is 1-3/8" x 4" (35 x 102 mm), with a 1/4" (6 mm) square hardened spindle that interlocks in the Cam Plug. One per package.



Cam Plug Included

| CAT. NO.   | HANDING | FINISH         |
|------------|---------|----------------|
| DL2150LHA  | Left    | Aluminum       |
| DL2150LHBN | Left    | Brushed Nickel |
| DL2150LHBR | Left    | Brass          |
| DL2150LHCH | Left    | Chrome         |
| DL2150LHDU | Left    | Bronze         |
| DL2150LHSC | Left    | Satin Chrome   |
| DL2150RHA  | Right   | Aluminum       |
| DL2150RHBN | Right   | Brushed Nickel |
| DL2150RHBR | Right   | Brass          |
| DL2150RHCH | Right   | Chrome         |
| DL2150RHDU | Right   | Bronze         |
| DL2150RHSC | Right   | Satin Chrome   |

Minimum order: 1 each. All Paddle and Lever Handles can be combined for quantity pricing.

## CRL Mortise Locks



Long Throw  
Deadlocks



Hook Throw  
Deadlocks



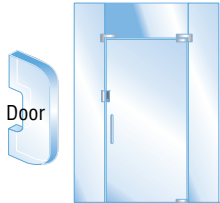
Deadlatch  
Locks

CRL carries a selection of Long Throw Deadlocks, Hook Throw Deadlocks, and Deadlatch Locks for use with Mortise Cylinders and Thumbturns. Optional matching finish Faceplates are available to finish the installation. See them on our Door Controls or Architectural Hardware Catalogs, or online at [crlaurence.com](http://crlaurence.com).

## CRL Specialty Lock Solutions

- Patch Style Locks and Keepers Can Be Mounted to the Top, Bottom or Side of 3/8" or 1/2" (10 or 12 mm) Glass Doors
- Designs to Match Our Variety of Patch Fittings
- Visit [crlaurence.com](http://crlaurence.com) for More Information

Side Mount



Top or Bottom Mount



CRL North American  
AMR Series Patch Lock



CRL Heavy-Duty North  
American AMR Series  
Patch Lock



CRL European EUR  
Series Glass Mounted  
Patch Lock With  
Keeper Plate



CRL European EUR  
Series Glass Mounted  
Patch Lock With  
Keeper



CRL Curved European  
Style Patch Lock



CRL European Style  
Patch Lock



CRL North American  
AMR Series Sidelite  
or Glass Door  
Mount Keeper



CRL European  
EUR Series Sidelite  
or Glass Door  
Mount Keeper

Please visit [crlaurence.com](http://crlaurence.com) for additional information

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## CRL Specialty Lock Solutions



**CRL Deluxe Slip-On Patch Lock for Single Door to Sidelite or Double Doors**



**CRL Deluxe Slip-On Patch Lock for Single Door to Floor, Head or Jamb**



**CRL Glass Mounted Slip-On Patch Lock for Single Door to Sidelite or Double Doors**



**CRL Glass Mounted Latch With Keyed Lock and Thumbturn**



**CRL Standard Length Keyed Cylinder Lock With Thumbturn**



**CRL Glass Mounted Passage Latch**



**CRL Extended Length Keyed Cylinder Lock With Thumbturn**



**CRL Glass Mounted Latch Keeper**

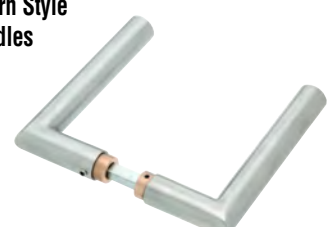
**CRL Tubular Style Lever Handles**



**CRL Sculptured Style Lever Handles**



**CRL Modern Style Lever Handles**



Please visit [crlaurence.com](http://crlaurence.com) for additional information

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## CRL Push Pad and Cross Bar Panic Exit Devices, and Accessories

- For Use With Narrow, Medium, and Wide Stile Aluminum, Wood, or Hollow Metal Doors
- Available as Concealed Vertical Rod and Rim Exit Devices
- Two Standard Architectural Finishes
- UL Listed Panic Exit Device



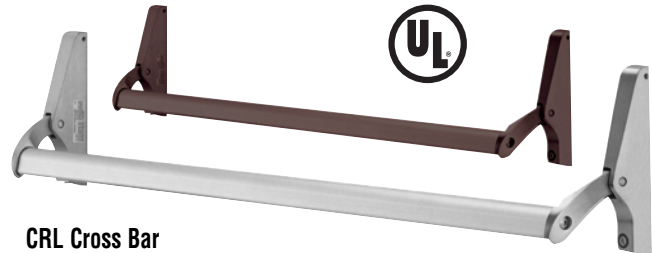
CRL DL950 Push-Pad  
Rim Panic Exit Devices



CRL Jackson® 20 Series  
Panic Exit Devices



CRL DL1900 Narrow Stile  
Push-Pad Rim Panic  
Exit Devices



CRL Cross Bar  
Panic Exit Devices



CRL Jackson® 10 Series  
Push-Pad Retrofit Devices



CRL Jackson® 10 Series  
Panic Exit Devices

Please visit [crlaurence.com](http://crlaurence.com) for additional information

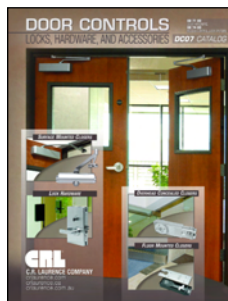
LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

T250 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

## CRL Push Pad and Cross Bar Panic Exit Device Accessories



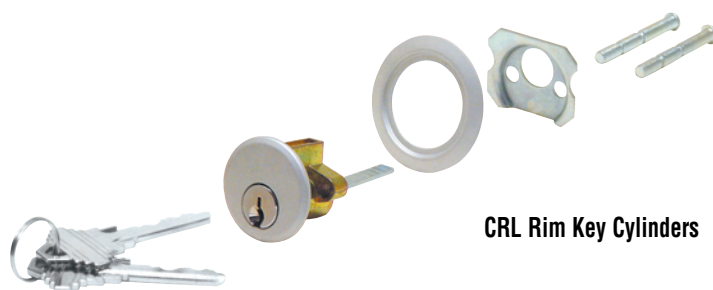
**CRL Jackson® Locking  
Flat Lever Outside Trim**



See the complete selection  
of Access Devices in our  
DC07 Door Controls Catalog,  
or go to the Online Catalog  
at [crlaurence.com](http://crlaurence.com).



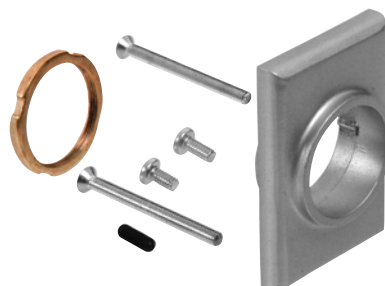
**CRL Jackson®  
Top Rod Extender**



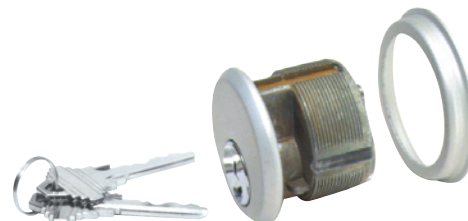
**CRL Rim Key Cylinders**



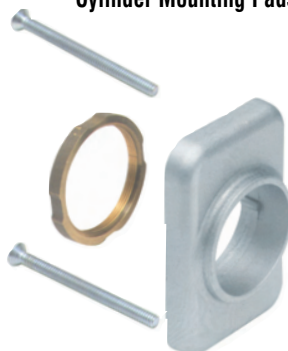
**CRL Jackson® 869  
Removable Mullions**



**CRL Jackson® #86  
Cylinder Mounting Pads**



**CRL Single Mortise  
Key Cylinders**



**CRL Cylinder  
Mounting Pads**



**CRL DRA Series  
Mortise Cylinders**



## CRL Access Control Handles for 'All-Glass' Doors

- Standard Architectural Finishes for 1/2" or 3/4" (12 or 19 mm) Tempered Glass Doors

- Stock Sizes for Immediate Shipment
- Custom Sizes Have Short Lead Times
- Custom Finishes Also Available

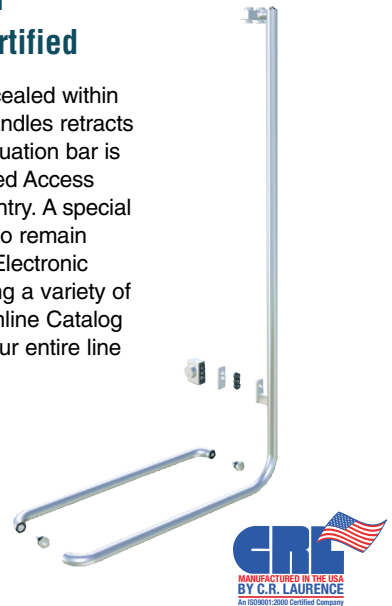


## CRL Panic Handles



- Elegant Tubular Design
- UL and ANSI/BHMA Certified

The operating mechanism concealed within the vertical tubing of our Panic Handles retracts the latch bolt when the interior actuation bar is pushed. An optional exterior Keyed Access Device can be installed to allow entry. A special dogging feature allows the doors to remain unlocked during business hours. Electronic Strikes are also available, providing a variety of secured entry options. See our Online Catalog for more detailed information on our entire line of Panic Handles.



## CRL Deadbolt Handles

- Easy Secure Access
- ANSI/BHMA Certified

The locking mechanism is concealed within the vertical tubing of our Deadbolt Handles, providing easy access through the use of a variety of keying options. An optional Top Latch Roller Bolt allows the use of Electronic Strikes for controlled entry systems. Our Online Catalog offers more detailed information on the full line of CRL Deadbolt Handles.



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 from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

**NOTE:** All Access Control Handles on this page function as health and safety tools, and may only be purchased through a CRL Authorized Glass Fabricator.

## CRL Access Control Handles for 'All-Glass' Doors

- Available in a Variety of Configurations and Finishes

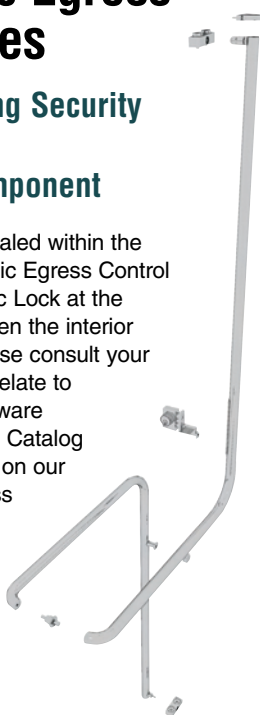


### CRL Electronic Egress Control Handles



- Ideal for Maintaining Security and Aesthetics
- UL Recognized Component

An electronic switch concealed within the vertical tubing of our Electronic Egress Control Handle releases the Magnetic Lock at the top or bottom of the door, when the interior actuation bar is pushed. Please consult your local building codes as they relate to electromagnetic locking hardware acceptability. See our Online Catalog for more detailed information on our entire line of Electronic Egress Control Handles.

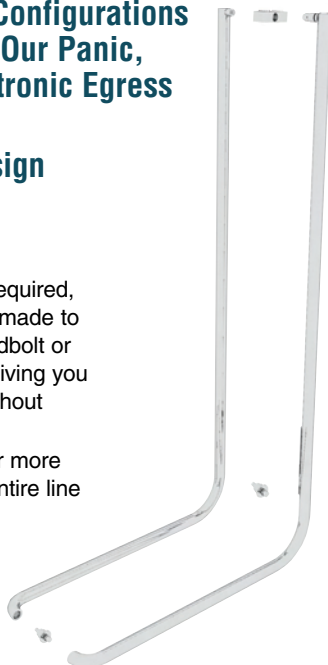


### CRL Dummy Handles

- Endless Variety of Configurations Available to Match Our Panic, Deadbolt, and Electronic Egress Handles
- Elegant Tubular Design

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.

See our Online Catalog for more detailed information on our entire line of Dummy Handles.



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 from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.

**NOTE:** All Access Control Handles on this page function as health and safety tools, and may only be purchased through a CRL Authorized Glass Fabricator.





## CRL Electric Strikes, Magnetic Locks, and Accessories

- Large Inventories, Ready to Ship
- Available in 12 or 24 Volt DC Models
- Work With CRL Door Rail Systems
- Expert Technical Assistance Available

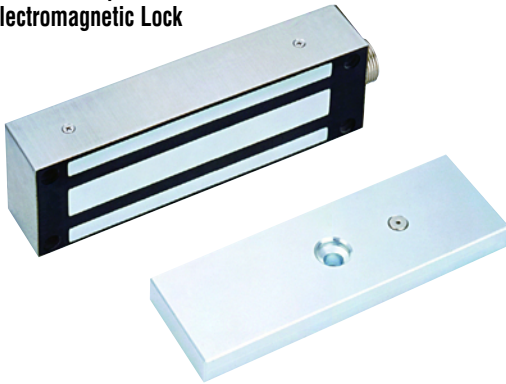
- Visit [crlaurence.com](http://crlaurence.com) for More Information

CRL Standard Single  
Surface Mounted  
Electromagnetic Lock



CRL Standard Double  
Surface Mounted  
Electromagnetic Lock

CRL Weatherproof  
Electromagnetic Lock



CRL Electric Strike  
With Fail Secure  
Operation



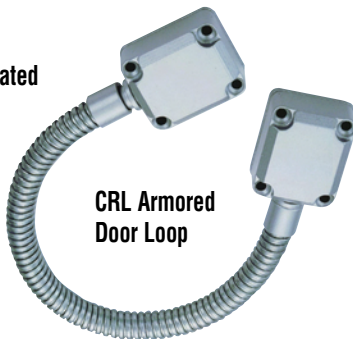
CRL Programmable  
Digital Keypad



CRL Illuminated  
Exit Button



CRL Armored  
Door Loop



CRL Power  
Transformers



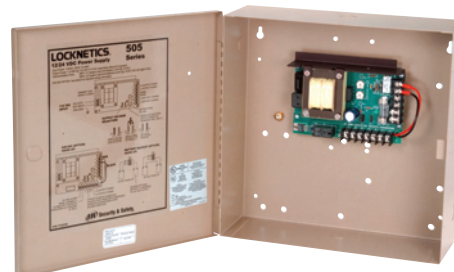
CRL Adams Rite  
7100 Electric Strike



CRL Locknetics®  
510 Series  
Low Voltage  
Regulated  
Power Supply

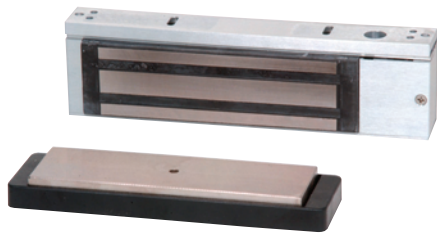


CRL Locknetics®  
500 Series  
Low Voltage  
Power Supply

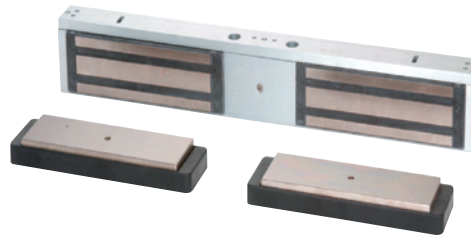




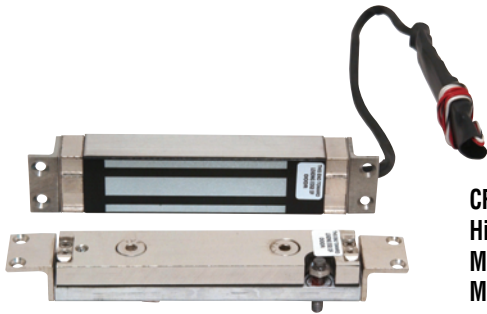
## CRL Electric Strikes, Magnetic Locks, and Accessories



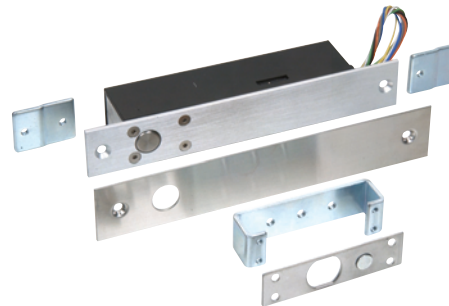
**CRL Locknetics®**  
Surface Mounted Single  
Electromagnetic Lock



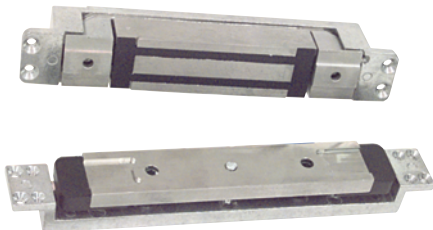
**CRL Locknetics®**  
Surface Mounted  
Double Electromagnetic  
Lock



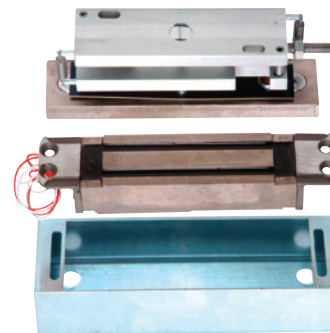
**CRL SDC**  
**Hi/Shear®**  
Mortise Mount  
Mag Lock



**CRL Electric**  
Solenoid Bolt Lock



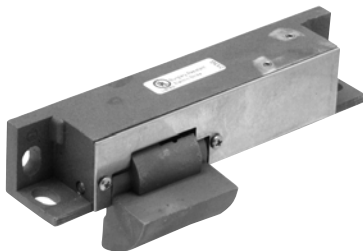
**CRL Locknetics®**  
Electromagnetic  
Mortise Mounted  
Shear Lock



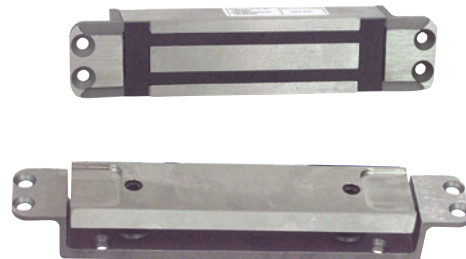
**CRL Locknetics®**  
Electromagnetic  
Bottom Mortised  
Shear Lock



**CRL Locknetics®**  
Herculite Style  
Door Bracket



**CRL Folger Adam 310**  
Electric Strike



**CRL Locknetics®**  
Magforce 280+  
Shear Lock



**CRL Rixson®**  
Electromagnetic  
Door Holder



**CRL Securitron®**  
Exit Motion Sensor

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## CRL Round Glass Presence Indicator Set

- For Use on Storefront Panels and Doors
- Easily Installed With Supplied Tape
- Help to Prevent Accidents

CRL Round Glass Presence Indicator Sets 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 or doors. Easily installed using high bond tape applied to the rear of each Indicator. Each set contains two round discs.



### • Five Architectural Finishes

| CAT. NO.      | FINISH                   | DIAMETER   |
|---------------|--------------------------|------------|
| <b>RPPBDU</b> | Dark Bronze              | 2" (51 mm) |
| <b>RPPBBS</b> | Brushed Stainless Steel  | 2" (51 mm) |
| <b>RPPBPS</b> | Polished Stainless Steel | 2" (51 mm) |
| <b>RPPBPB</b> | Polished Brass           | 2" (51 mm) |
| <b>RPPBSB</b> | Satin Brass              | 2" (51 mm) |

Minimum order: 1 set. All Indicators can be combined for quantity pricing.

## CRL Round Push or Pull Indicators

- Etched Brass or Stainless Steel
- 2" (51 mm) Diameter
- Install in Seconds



These CRL 2" (51 mm) Round Indicators are made of high quality brass or stainless steel. They are applied using high bond tape that is pre-installed on the back of each Indicator. The etched letters are 5/8" (16 mm) high so that they can be easily read. "Push" or "Pull" are sold separately, not in sets.

| PUSH<br>CAT. NO. | PULL<br>CAT. NO. | FINISH                   | DIAMETER   |
|------------------|------------------|--------------------------|------------|
| <b>2EP0RBPU</b>  | <b>2EP0RBPL</b>  | Oil Rubbed Bronze        | 2" (51 mm) |
| <b>2EPBSPU</b>   | <b>2EPBSPL</b>   | Brushed Stainless Steel  | 2" (51 mm) |
| <b>2EPPSPU</b>   | <b>2EPPSPL</b>   | Polished Stainless Steel | 2" (51 mm) |
| <b>2EPPBPU</b>   | <b>2EPPBPL</b>   | Polished Brass           | 2" (51 mm) |
| <b>2EPSBPU</b>   | <b>2EPSBPL</b>   | Satin Brass              | 2" (51 mm) |

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

## CRL Round Push-Pull Indicator Sets

- One Push and One Pull Indicator Per Set
- Five Architectural Finishes
- 2" (51 mm) Diameter



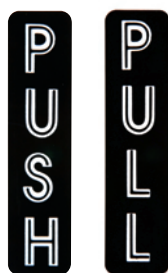
These CRL 2" (51 mm) Round Push-Pull Indicator sets are made of high quality brass or stainless steel. They are applied using high bond tape that is pre-installed on the back of each Indicator. The etched letters are 5/8" (16 mm) high so that they can be easily read. One set includes one "Push" and one "Pull" disc.

| CAT. NO.      | FINISH                   | DIAMETER   |
|---------------|--------------------------|------------|
| <b>RPP2DU</b> | Dark Bronze              | 2" (51 mm) |
| <b>RPP2BS</b> | Brushed Stainless Steel  | 2" (51 mm) |
| <b>RPP2PS</b> | Polished Stainless Steel | 2" (51 mm) |
| <b>RPP2PB</b> | Polished Brass           | 2" (51 mm) |
| <b>RPP2SB</b> | Satin Brass              | 2" (51 mm) |

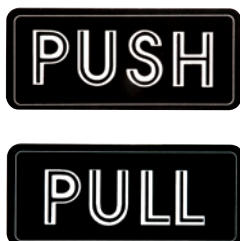
Minimum order: 1 set. All Indicators can be combined for quantity pricing.

## CRL Push-Pull Indicator Decals

- Mylar Decals are Very Economical



Vertical Style



Horizontal Style

Made of die-cut Mylar, these Decals have a strong adhesive backing so you can stick them on any reasonably smooth and clean metal, glass, plastic or wood surface. Aluminum colored letters on black background. Vertical Dimensions: 5-3/4" (146 mm) high x 1-3/8" (35 mm) wide. Horizontal Dimensions: 1-7/8" (48 mm) high x 4-1/4" (108 mm) wide.

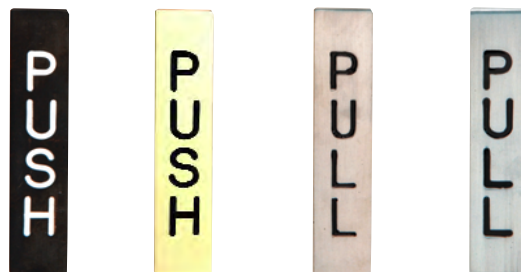
| CAT. NO. | TYPE | COLOR          | STYLE      |
|----------|------|----------------|------------|
| 566VA    | Push | Aluminum/Black | Vertical   |
| 566HA    | Push | Aluminum/Black | Horizontal |
| 567VA    | Pull | Aluminum/Black | Vertical   |
| 567HA    | Pull | Aluminum/Black | Horizontal |

Minimum order: 25 each. 25 per package. All Mylar Decals can be combined for quantity pricing.

## CRL Push-Pull Indicators

**new**

- Brass or Stainless Steel Plate
- Adhesive Tape Backing



These Push-Pull Indicators have 5/8" (16 mm) high letters etched into the plate. They are available in several popular architectural finishes, and each comes complete with pressure sensitive tape on the back for quick and easy mounting. 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 Push-Pull Signs can be combined for quantity pricing.

## CRL Glass Safety Decals

**new**

- 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 a 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 for Cat. No. 2149 Silver Rectangles is one roll. Minimum order for all others on this page is five each. 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



"Silver Rectangles"

1" x 5/16" (25 x 8 mm) on a 197" (5 m) Roll  
CAT. NO. 2149

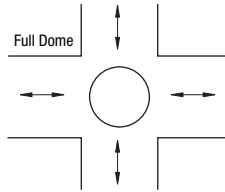


## CRL Dome Mirrors



### 360 Degree Vision Dome Mirrors

- Prevent Accidents at Blind Corners at Intersections in Hallways or Aisles in Warehouses, Retail Stores, Schools, and Hospitals
- Provide Surveillance of Premises, Merchandise, Assembly Lines, Production Machines, and Staff



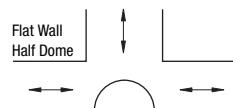
| CAT. NO.  | DIAMETER     |
|-----------|--------------|
| DMX18     | 18" (457 mm) |
| DMX26     | 26" (660 mm) |
| DMX32#    | 32" (813 mm) |
| DMX36#    | 36" (914 mm) |
| DMX22X24Δ | 22" (559 mm) |

Minimum order: 1 each. CRL Dome Mirrors can be combined for quantity pricing. # Must ship common carrier. Δ Dome fused to a 24" x 24" mirror panel for installation into suspended ceiling grids.

CRL 360 Degree Acrylic Vision Dome Mirrors are made from extremely durable 1/8" (3.2 mm) thick acrylic that has been vacuum mirror coated to provide sharp, clear images. Ideal for corridor intersections in schools, retail stores, offices buildings, and hospitals - any place where added visibility will contribute to the safety of pedestrian traffic, or aid in the surveillance of security areas. Dome Mirrors are easily mounted to ceilings using the instructions enclosed with each dome. Also available is a 22" (559 mm) diameter Dome Mirror fused to a mirrored acrylic panel which has a 22" (559 mm) diameter cut-out for the mirror. The mirrored panel will mount into 24" x 24" (610 x 610 mm) or 24" x 48" (610 x 1219 mm) ceiling grids; the Dome Mirror fits into the cut-out in the panel.

### 180 Degree Half Dome Mirrors

CRL 180 Degree Acrylic Half Dome Mirrors can be placed strategically at "T" intersections to eliminate blind spots that can cause costly accidents. Excellent visibility is attained from a high quality mirror coated interior surface. Ships complete with easy to install mounting instructions.

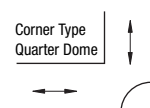


| CAT. NO. | DIAMETER     |
|----------|--------------|
| DMH18    | 18" (457 mm) |
| DMH26    | 26" (660 mm) |

Minimum order: 1 each. CRL Dome Mirrors can be combined for quantity pricing.

### 90 Degree Quarter Dome Mirrors

CRL 90 Degree Acrylic Quarter Dome Mirrors can be placed strategically at "L" shaped intersections to eliminate blind spots that can cause costly accidents. Excellent visibility is attained from a high quality mirror coated interior surface. Ships complete with easy to install mounting instructions.



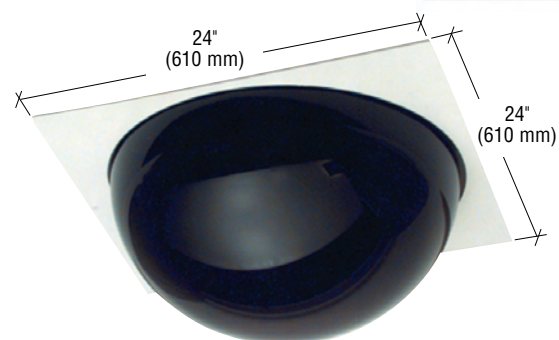
| CAT. NO. | DIAMETER     |
|----------|--------------|
| DMQ18    | 18" (457 mm) |
| DMQ26    | 26" (660 mm) |

Minimum order: 1 each. CRL Dome Mirrors can be combined for quantity pricing.

## CRL 360 Degree See-Thru Security Domes

- Full Dome Bronze Security Mirror Conceals Ceiling Mounted Camera
- Installs in 24" (610 mm) Drop Ceiling Grid

CRL 360 Degree See-Thru Security Domes are made of an acrylic that is vacuum coated with a bronze mirror coating that is transparent only from the dome's interior. This allows the concealment of ceiling mounted surveillance cameras in retail stores or security areas. The presence (real or suspected) of security cameras is a proven deterrent to shoplifters or others involved in clandestine activities. See-Thru Domes are mounted in white finish panels that simply drop into standard 24" (610 mm) suspended ceiling grids.



| CAT. NO. | DOMES DIAMETER | PANEL SIZE               |
|----------|----------------|--------------------------|
| DMX2X2BR | 22" (559 mm)   | 24" x 24" (610 x 610 mm) |

Minimum order: 1 each. CRL Dome Mirrors can be combined for quantity pricing.

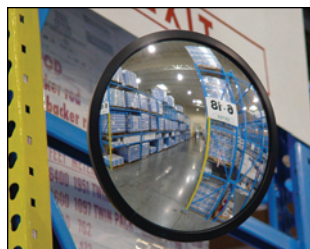
# CRL SAFETY AND SECURITY MIRRORS

For Pricing on CRL Products, Call Toll Free  
(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

## CRL Convex Mirrors

- Glass or Plexiglas Types Available
- Survey Production Lines
- Eliminate Blind Intersections

- Improve Safety
- Discourage Shoplifting
- Reduce Accidents



Whatever the business, accidents and theft pose expensive problems. Installing CRL Convex Mirrors can vastly reduce trouble spots. Placed in strategic locations, these Convex Mirrors provide a clear, panoramic view of potential problem areas. CRL Convex Mirrors find many uses in commercial, institutional, and industrial applications. Will hang almost anywhere. Used for parking lots, corners, and many general applications. Mounting hardware includes one Adjustable Mounting Arm and Bracket, which is fully adjustable to the desired angle and length. Mounting screws are not included. Comes with installation instructions.

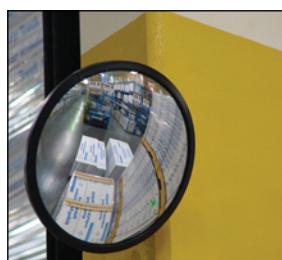
## CRL Heavy-Duty Plexiglas Convex Mirrors

- For Indoor or Outdoor Use
- Edge Trim Protects Mirror

CRL Heavy-Duty Plexiglas Convex Mirrors come with a 160 degree wide angle Plexiglas mirror that is extremely durable and sealed for weatherproofing.

| CAT. NO. | DIAMETER      |
|----------|---------------|
| PLXR13   | 13" (330 mm)  |
| PLXR18   | 18" (457 mm)  |
| PLXR26   | 26" (660 mm)  |
| PLXR30   | 30" (762 mm)  |
| PLXR36   | 36" (914 mm)  |
| PLXR48#  | 48" (1219 mm) |

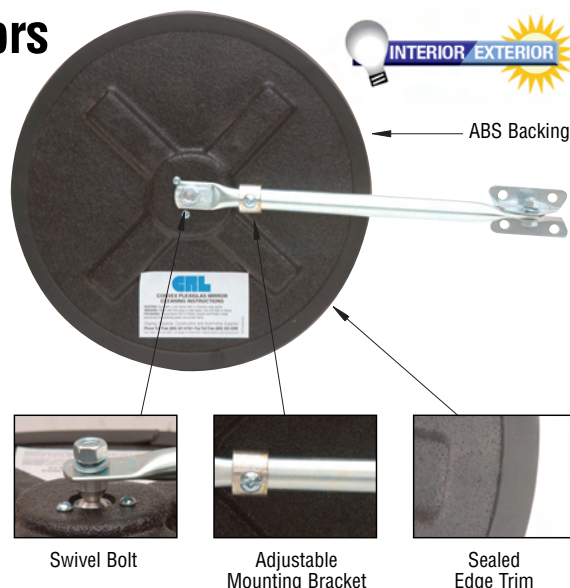
Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing. Not for use in high wind areas. # Must ship common carrier.



High Quality, Low Distortion Mirror to Enhance Security



NOTE: Heavy-Duty Mounting Hardware for Mirrors 26" (660 mm) and larger is supplied.



## CRL Heavy-Duty Glass Convex Mirrors

- For Indoor Use Only
- 160 Degree Wide Angle Viewing

The CRL Heavy-Duty Glass Convex Mirrors come with a 160 degree wide angle mirror that swivels to provide a full overhead view of any area that requires frequent monitoring. Very commonly used to deter theft and improve safety.

| CAT. NO. | DIAMETER     |
|----------|--------------|
| CVM8013  | 13" (330 mm) |
| CVM8018  | 18" (457 mm) |
| CVM8026  | 26" (660 mm) |
| CVM8030  | 30" (762 mm) |
| CVM8036  | 36" (914 mm) |

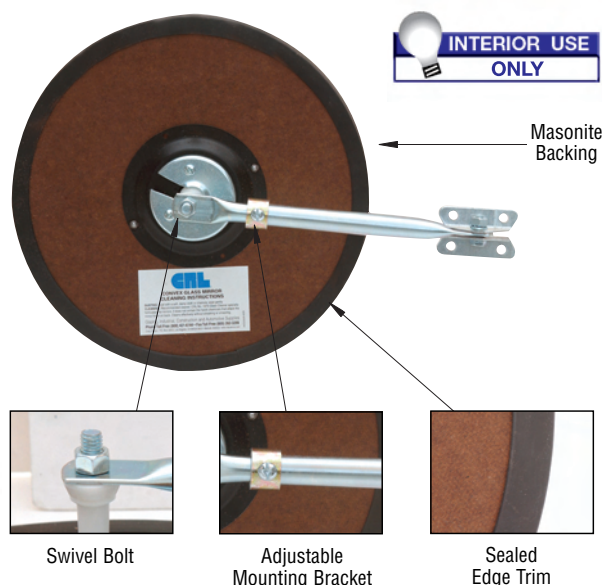
Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.



High Quality, Low Distortion



NOTE: Heavy-Duty Mounting Hardware for Mirrors 26" (660 mm) and larger is supplied.



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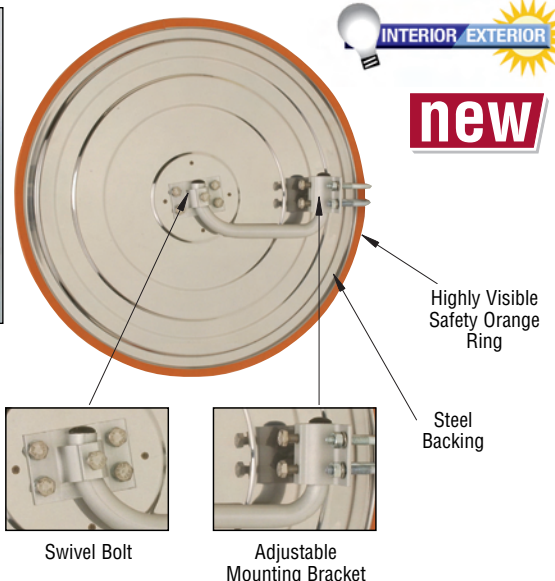


# CRL SAFETY AND SECURITY MIRRORS

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## CRL Stainless Steel Convex Mirrors

- Provide a "Mirror Finished" Look
- Withstand Extreme Outdoor Weather Conditions
- Ideal Solution for Areas With High Risk of Vandalism



CRL's Stainless Steel Convex Mirrors are made from quality stainless steel, precisely polished to perfection for a "mirror finished" look. They are the ideal solution for areas with a high risk of vandalism, pilferage, or aggressive industrial chemical atmosphere due to their outstanding weather and impact resistance. Stainless Steel Convex Mirrors can be easily installed at road intersections and parking lots where there is a severe risk of accidental breakage. They are virtually unbreakable and require minimal maintenance, therefore producing cost effective results in the long run when compared to other materials that may require regular maintenance or replacement. For these reasons they have rapidly replaced mirrors made of other materials for both indoor and outdoor applications. Each mirror is individually packed, equipped with a swivel assembly that's adjustable to any position or angle, an adjustable mounting bracket, and installation instructions.

| CAT. NO.     | DIAMETER         |
|--------------|------------------|
| <b>SSC19</b> | 19-1/2" (495 mm) |
| <b>SSC24</b> | 24" (610 mm)     |

Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.

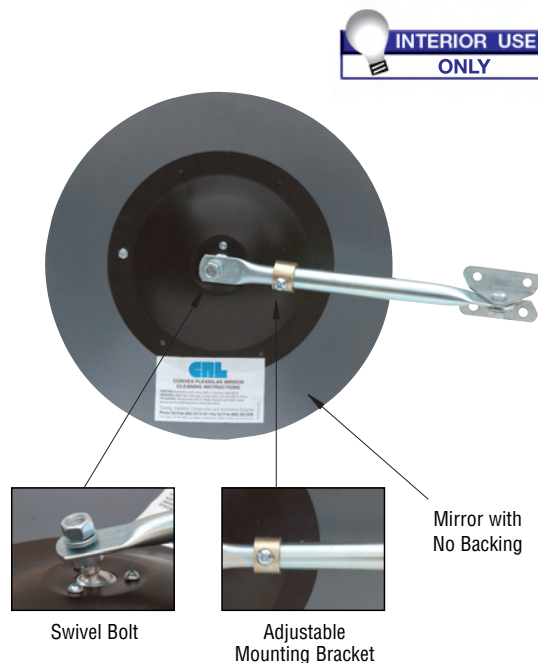
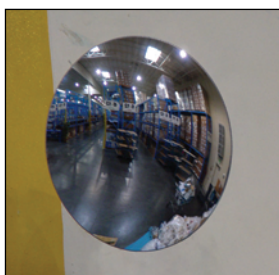
## CRL Acrylic Convex Mirrors

- Improve Sightlines at Blind Intersections
- Assists Surveillance in Retail Stores

CRL Acrylic Convex Mirrors are the perfect solution for indoor parking lot safety and surveillance, as well as elevator use where low ceiling height is a concern. They are economically priced and meet all OSHA guidelines for safety as required in the workplace, schools, and public facilities. Mirror is formed from 1/8" (3 mm) acrylic material, which is thicker than most competitive types. They are completely free from distortion and 20% brighter than glass. Each mirror is individually packed, equipped with a swivel assembly that's adjustable to any position or angle, and comes with an adjustable mounting bracket and installation instructions.

| CAT. NO.      | DIAMETER     |
|---------------|--------------|
| <b>TPLX13</b> | 13" (330 mm) |
| <b>TPLX18</b> | 18" (457 mm) |
| <b>TPLX26</b> | 26" (660 mm) |
| <b>TPLX30</b> | 30" (762 mm) |
| <b>TPLX36</b> | 36" (914 mm) |

Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.



## CRL 4-Way Mounting Bracket

- Designed to Hold Multiple CRL Convex Mirrors

The CRL 4-Way Mounting Bracket is fully adjustable to accommodate and adequately support 13", 18" or 26" (330, 457 or 660 mm) Convex Mirrors. The Bracket will hold only two each 30" or 36" (762 or 914 mm) diameter mirrors, and only if they are mounted on opposite arms, not at 90 degrees to each other. Can be mounted in hallways or heavy traffic areas where there is limited visibility. Bracket can be extended to a maximum of 20" (508 mm). This Mounting Bracket will also accommodate rounded rectangular mirrors. Minimum order is one each.



CAT. 4WMB

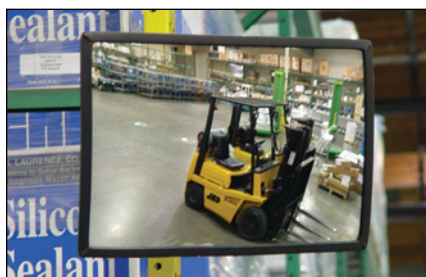
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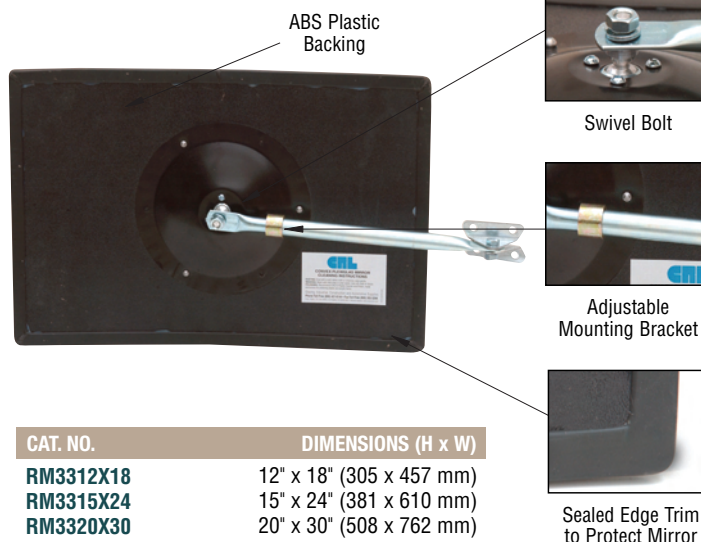


## CRL Heavy-Duty Rectangular Glass Convex Mirrors

- Excellent for Areas With Low Ceilings



The CRL Heavy-Duty Rectangular Glass Type Convex Mirrors are excellent for areas with low ceilings and tight areas in elevators and corners, yet still allowing a wide viewing angle. Perfect for those settings with strong horizontal or vertical décor, such as above or below moldings. These mirrors are easy to install, will mount almost anywhere and fully adjust to any angle. Each mirror is individually packed, has an ABS Plastic backing that is extremely durable, with an adjustable mounting bracket and installation instructions.

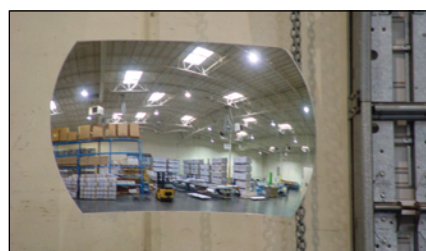


| CAT. NO.         | DIMENSIONS (H x W)       |
|------------------|--------------------------|
| <b>RM3312X18</b> | 12" x 18" (305 x 457 mm) |
| <b>RM3315X24</b> | 15" x 24" (381 x 610 mm) |
| <b>RM3320X30</b> | 20" x 30" (508 x 762 mm) |

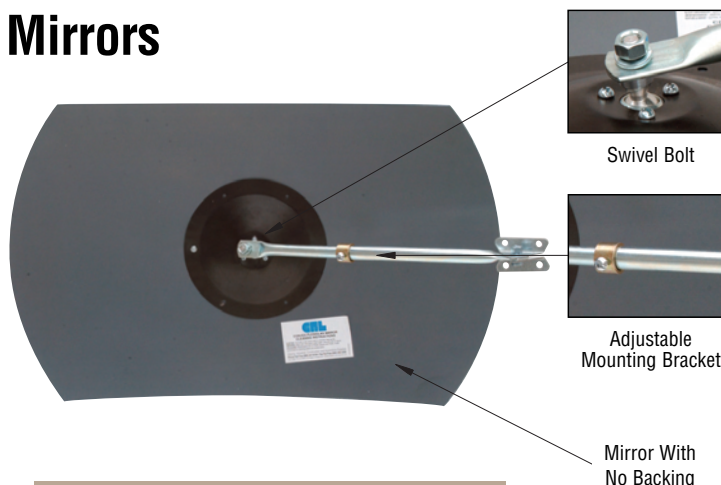
Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.

## CRL Rectangular Acrylic Convex Mirrors

- Assists Surveillance in Retail Stores



CRL Rectangular Acrylic Mirrors are formed with 1/8" (3 mm) thick lightweight acrylic, which is thicker than most competitive types. They are completely free from distortion and 20% brighter than glass. The rounded rectangular shape is suited to low ceilings in elevators or parking garages. All Acrylic Convex Mirrors meet OSHA requirements for safety mirrors in the workplace, schools, public facilities, etc. Each mirror is individually packed, equipped with a swivel assembly that's adjustable to any position or angle, plus an adjustable mounting bracket and installation instructions.



| CAT. NO.        | DIMENSIONS (H x W)       |
|-----------------|--------------------------|
| <b>TPLX1626</b> | 16" x 26" (406 x 660 mm) |
| <b>TPLX2030</b> | 20" x 30" (508 x 762 mm) |

Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.

## CRL Inspection Mirrors

- Excellent for Under Auto Inspection

Used to look under vehicles, equipment, and hard to reach areas. Convex Inspection Mirrors provide a wide-angle view to scan large areas quickly. Flat Inspection Mirror provides a more precise view and accurate depth perception. Available with or without built-in light. All Inspection Mirrors are equipped with wheels, an adjustable swivel and an adjustable handle, 52" (1.3 m) maximum extension.



| CAT. NO.<br>WITH WHEELS | MIRROR<br>DIAMETER<br>AND TYPE | CAT. NO.<br>WITH WHEELS<br>AND LIGHT |
|-------------------------|--------------------------------|--------------------------------------|
| <b>1MC12</b>            | 12" (305 mm) Convex            | <b>1MC12L</b>                        |
| <b>1MF12</b>            | 12" (305 mm) Flat              | <b>1MF12L</b>                        |

Minimum order: 1 each. CRL Convex Mirrors can be combined for quantity pricing.

## CRL One-Way Viewing Box

- Used in Retail Stores for Security and Surveillance

Designed to permit a full view of any retail store environment. The transparent mirror coating gives store security personnel excellent visibility without being seen. They are a good investment anytime safety and security are a concern. Manufactured using one-way mirror enclosed in an ash wood unfinished frame that can be stained or painted to the finish of your choice. Mirror Size: 18" (457 mm) high x 14-1/2" (368 mm) wide. Minimum order is one each.



CAT. NO. FS1814

## CRL Wall Mounted Bulletin Board Cases



- Contemporary Design Will Fit Any Venue
- Lockable Doors Make Them Perfect for Municipal Buildings, Schools or Commercial Applications
- Custom Cases Can Also Be Fabricated to Your Specifications

CRL's new Wall Mounted Bulletin Board Cases are available in satin anodized or bronze anodized finishes. Backboard options are a natural charcoal cork with a self-healing surface, or a black letter board complete with 3/4" (19 mm) white letters and numerals in a Helvetica font. Letters and numerals are not included in cases with cork backboards.

These beautifully CRL designed and manufactured aluminum cases are offered in single or double door models that provide ample space to post any notice or document. Intended for interior installation, CRL Bulletin Board Cases ship to you fully assembled and ready for installation on any wall surface. All frame fasteners are countersunk, flush mounted, and match the finish of the frame. Hanging Cleats and L-Bar Supports are included with each case. Installer provides installation fasteners to match mounting requirements.

Custom Bulletin Board Cases are also available upon request (see next page). 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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



## CRL Stock Size Hinged Door Bulletin Board Cases

**new**



- Single Hinged Door With Lock
- Size: 24" x 36" (610 x 914 mm)
- Universal Design Enables Right or Left Hand Door Operation



CRL's Single Door Bulletin Board Cases have a continuous hinge, and are glazed with 1/8" (3 mm) shatter resistant acrylic. These cases can be easily installed with the lockable door on either the right or left hand side. The Single Door Model with Cork Backboard can also be installed horizontally with the continuous hinge at the bottom of the case to provide additional lateral viewing space (see next page). Easily installed using a CRL supplied Hanging Cleat at the top and an L-Bar at the bottom. Fully assembled and securely packaged for U.P.S. shipment.

| CAT. NO. | BACKBOARD          | FRAME FINISH    |
|----------|--------------------|-----------------|
| BBC11CA  | Charcoal Cork      | Satin Anodized  |
| BBC11CDU | Charcoal Cork      | Bronze Anodized |
| BBC11LA  | Black Letter Board | Satin Anodized  |
| BBC11LDU | Black Letter Board | Bronze Anodized |

Minimum order: 1 each.

- Double Doors With Keyed Alike Locks
- Size: 47" x 36" (1194 x 914 mm)
- Easy to Install



CRL's Double Door Bulletin Board Cases come fully assembled and securely packed for shipment via common carrier. Your choices for backboard include charcoal colored cork or black letter board, either selection presenting an excellent viewing contrast. Fabricated with smooth operating continuous hinges and glazed with 1/8" (3 mm) acrylic. Easily installed using a CRL supplied Hanging Cleat at the top and an L-Bar at the bottom. These cases are secured with keyed alike locks and ready for years of reliable service.

| CAT. NO. | BACKBOARD          | FRAME FINISH    |
|----------|--------------------|-----------------|
| BBC12CA  | Charcoal Cork      | Satin Anodized  |
| BBC12CDU | Charcoal Cork      | Bronze Anodized |
| BBC12LA  | Black Letter Board | Satin Anodized  |
| BBC12LDU | Black Letter Board | Bronze Anodized |

Minimum order: 1 each. Must ship common carrier.

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## CRL Custom Wall Mounted Bulletin Board Cases



- Custom Sizes Available for Quotation
- Unlimited Powder Coat Color Selection
- 3/16" (5 mm) Tempered Glass Available for Doors

Designed for interior applications, CRL offers satin anodized, bronze anodized, and powder coat frame finishes on Custom Bulletin Boards. We can match any RAL color or an existing color if a sample is provided. CRL has the technical expertise and the manufacturing resources to provide the very best quality products in lead times unmatched in the industry.

Non-standard Bulletin Board Cases can be quoted upon request. Our Technical Sales staff is here to assist you. Send us your requirements and we will quickly respond with a quote. 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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.



### Installation Diagram

- Complete Installation Instructions Included With Each Case
- Easy Installation Mounting Hardware Included



### CRL Letter Set

Additional Helvetica Font Letter Sets are available to fit your Bulletin Board. These precision molded white plastic letters match the 3/4" (19 mm) letters and numerals that ship with each CRL Bulletin Board with black letter board inserts. Minimum order is one set.



CAT. NO. LS34

## CRL Bottom Hinged Bulletin Board Cases With Letter Board

- Case Size: 36" x 24" (914 x 610 mm)
- Single Door Design Provides Extra Viewing Space
- Black Letter Board Complete With White Letters and Numerals
- Door Includes Keyed Lock

**new**



Designed with an easy to open, lightweight acrylic door, CRL's Bottom Hinged Bulletin Board Case has additional area for larger messages or general information. The 3/4" (19 mm) white letters and numerals provide an excellent contrast against the black letter board background.

Bottom Hinged Cases are available in satin anodized and bronze anodized finishes, and include required mounting hardware and installation instructions. Cases are fully assembled and secured for U.P.S. shipment. Custom Cases can also be fabricated to your requirements for size and finish. See Custom Case information above.

| CAT. NO. | BACKBOARD          | FRAME FINISH    |
|----------|--------------------|-----------------|
| BBC13LA  | Black Letter Board | Satin Anodized  |
| BBC13LDU | Black Letter Board | Bronze Anodized |

Minimum order: 1 each.





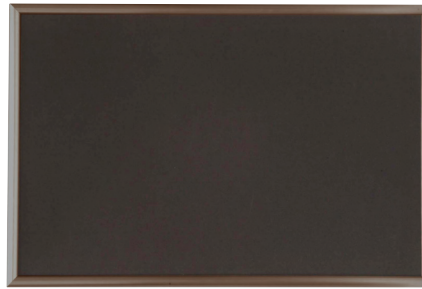
## CRL Wall Mounted Framed Cork Boards

**new**

- Contemporary Design Bull Nose Style Aluminum Frame Measures 36" x 24" (914 x 610 mm)
- Choice of Two Frame Finishes

CRL's new Wall Mounted Framed Cork Boards for interior applications are surrounded by a stylish brushed nickel or oil rubbed bronze aluminum frame that will match any décor. Easy to install, they're ideal for office, home, break room, school or anywhere documents or notices need to be posted.

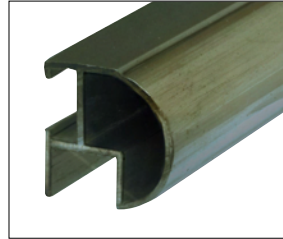
The Cork Board can be mounted in either portrait or landscape configuration by simply installing the hangers in the desired location. The self-healing charcoal cork board and aluminum frame will accent any environment. Cases come assembled and securely packaged for U.P.S. shipment. Custom sizes and up to six frame finishes are available upon request (see below).



Landscape Configuration



Portrait Configuration



Bull Nose Frame



CAT. NO.

**FCB14BN**  
**FCB14ORB**

FRAME FINISH

Brushed Nickel  
Oil Rubbed Bronze

Minimum order: 1 each.

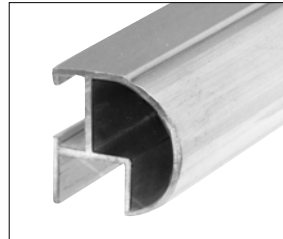
## CRL Wall Mounted Framed Letter Boards



- Black Letter Board Complete With 3/4" (19 mm) White Letters and Numerals
- Bull Nose Style Aluminum Frame Measures 36" x 24" (914 mm x 610 mm)

CRL's new Framed Letter Board is a wall mounted message system using 3/4" (19 mm) Helvetica style white letters and numerals to announce meetings, office locations, schedules of events, menu selections, etc. Intended for interior use, the Letter Board is wall mounted in the landscape configuration, which allows ample space for any message.

Your choice of a brushed nickel or oil rubbed bronze aluminum frame to surround the Letter Board will provide a dramatic look to your lobby or office area. Easily install to any wall surface using the supplied hangers that slide into the aluminum frame (you supply the fasteners). Additional Letter Sets are available by ordering Cat. No. LS34 (see previous page). All Letter Boards are shipped assembled and packaged for U.P.S. shipment. Custom sizes and up to six frame finishes are available upon request (see below).



Bull Nose Frame

**new**



Landscape Configuration

CAT. NO.

**FLB15BN**  
**FLB15ORB**

FRAME FINISH

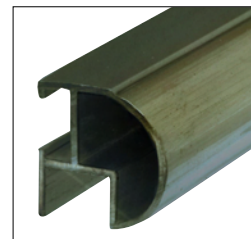
Brushed Nickel  
Oil Rubbed Bronze

Minimum order: 1 each.

## CRL Custom Wall Mounted Framed Cork or Letter Boards

- Cork or Letter Boards in Custom Sizes Are Available for Quote
- Choice of Three Distinctive Extrusion Profiles in Six Designer Finishes

**new**



Bull Nose Frame



Rectangular Frame



Victorian Frame

- Brite Anodized
- Oil Rubbed Bronze
- Brite Gold Anodized
- Satin Chrome
- Brushed Nickel
- White



Custom sizes are available upon request in your choice of three frame profiles and six designer 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. 7760. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Transaction Products.

## CRL Cleaning and Polishing Products Give Your Projects a Perfect Finishing Touch

Give all 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. And if your aluminum window frames suffer a chip or scratch we can remedy those as well with our Lacquer Blend Touch-Up Paints.

Doing a good cleaning job is always easier with the right tools. Our professional strength Lint Free Wipes clean surfaces without streaking, and absorb moisture faster than traditional paper towels. Our plastic scrapers and razor blades can be used on surfaces that might be damaged by conventional metal scraper blades. These, and other fine cleaning products, can be seen in the Online Catalog at [crlaurence.com](http://crlaurence.com).



### • Aerosol and Concentrate Glass Cleaners



### • Water Spot and Stain Removers



### • Metal Cleaners, Degreasers, and Polishes



### • Paper and Fiber Wipes



### • Professional Touch-Up Paints



### • Cleaning Tools





## Architectural Railing Systems



- New Systems for Hand Rails, Guard Rails, Balustrades, Windscreens, and Gates Designed and Engineered for Residential, Commercial, and Institutional Needs



HR09 Catalog

In the next few pages you'll get an overview of CRL's Architectural Railing Systems, but for the complete story see our HR09 Railing Systems Catalog. You can view it online, or download it from the Catalog Library at [crlaurence.com](http://crlaurence.com).



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## A Total Program Combining Style With Safety



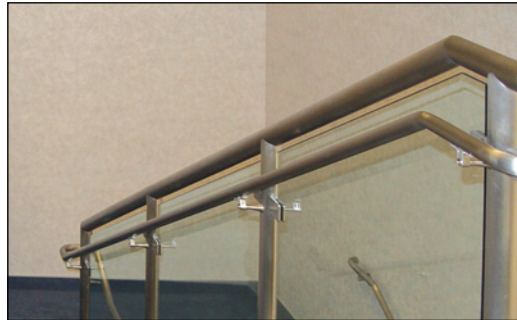
CRL proudly designs and manufactures Architectural Railing Systems for residential, commercial, and institutional needs. It is a comprehensive program that can provide you with Hand Rails, Guard Rails, Balustrades, Windscreens, and Gates that will not only serve their purpose, but also do so in a manner that will add to the aesthetics of the structure into which they are installed.

CRL Architectural Railing Systems combine innovative component design and installation techniques refined by experts in the field of railing technology. Materials used throughout are of the highest quality in a variety of standard 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 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 through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Railing Products.

### Hand Rail Systems

- Available in Stainless Steel, Brass, Aluminum, and Wood
- Round and Square Profiles



### Glass Railing Systems

- Available in Diameters from 1-1/2" to 4" (38 to 102 mm) and Up to Six Stock Finishes



### 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 TAPER-LOC™ Dry Glazing System for Glass Railings

**new**



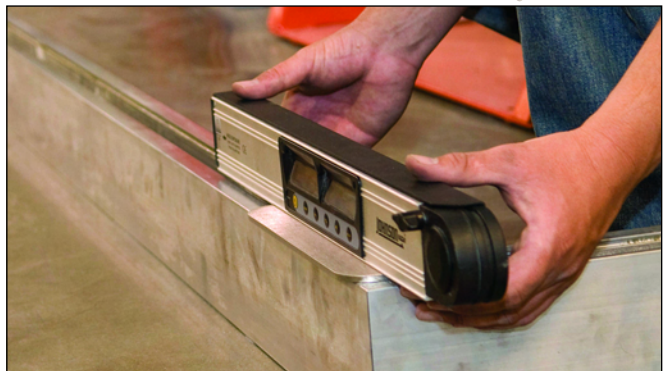
Go to the Home Page of [crlaurence.com](http://crlaurence.com)  
to view our TAPER-LOC™ Videos



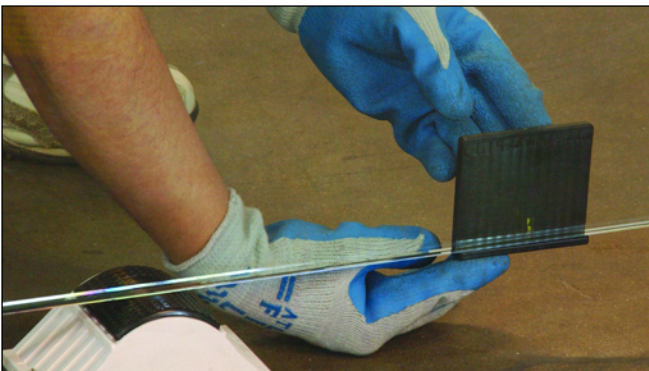
- CRL Designed for Commercial and Residential Applications
- For Use With 1/2" (12 mm) and 3/4" (19 mm) Tempered Glass
- Supports All Mounting Methods With One Compact Installation/Removal Tool
- Reduces Installation Time By 50%



Patent  
Pending



Leveling the Base Shoe Using Our PAL1K Plumb/Angle/Level Locator Kit



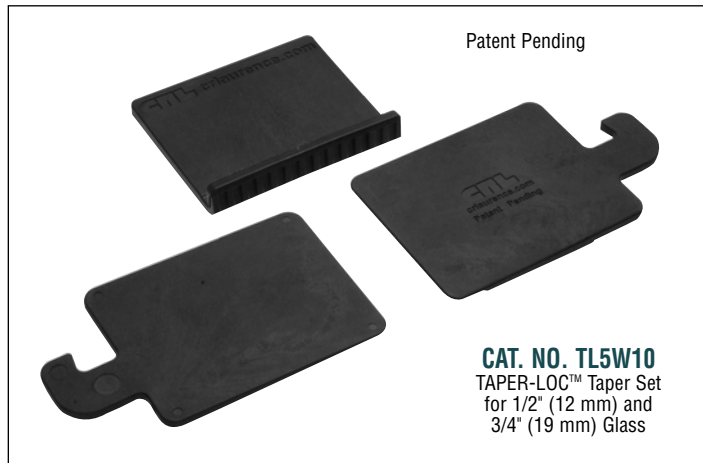
Installing the L-Pressure Block on the Bottom Edge of the Panel and Setting the Panel in the Base Shoe

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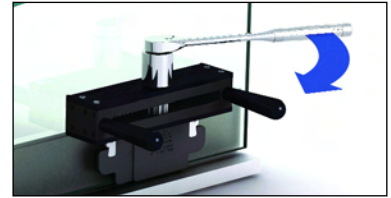
## CRL TAPER-LOC™ Dry Glazing System for Glass Railings



Glass Railing Installers - the installation process just got easier with CRL's innovative TAPER-LOC™ design (patent pending). TAPER-LOC™ is easy to work with because the unique design lets you apply the precise pressure to lock it in place, securing the glass in your aluminum base shoe without the use of messy wet cement. Your installation time is reduced by up to 50% while still exceeding code standards.

TAPER-LOC™ is designed for use in commercial and residential applications, and partners perfectly with CRL's Heavy Aluminum Base Shoe and Premium Top Cap Rails. We supply the entire range of railing accessories and tools, and can also assist with your design plans. It's all part of CRL's commitment to the glass railing industry. For full details 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. Send e-mail to [railings@crlaurence.com](mailto:railings@crlaurence.com).

• It's What Glass Railing Installers Have Been Waiting for...



**CAT. NO. TLK5**  
TAPER-LOC™  
Installation/Removal Tool  
with Integrated  
Torque Wrench

**new**



**CAT. NO. PAL1K**  
Plumb/Angle/Level  
Locator Kit with Digital  
Laser Device

A "Must Have" Tool for Every Glass Railing Installer



Install the TAPER-LOC™ Tapers Finger Tight into the Base Shoe



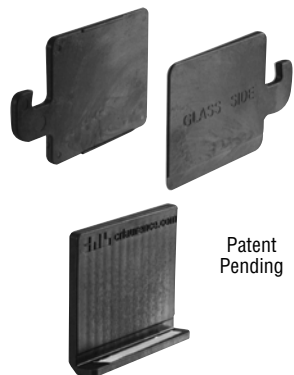
Fully Insert the TAPER-LOC™ Tapers and Lock Them into Place with the TLK5 Installation/Removal Tool

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## CRL TAPER-LOC™ Dry Glazing System Components



### TAPER LOC™ TAPER SET FOR 1/2" TO 3/4" GLASS RAILINGS

CRL's TAPER-LOC™ Taper Set for 1/2" to 3/4" (12 to 19 mm) glass is made up of two Tapers and one L-Pressure Block. Tapers are made of high strength reinforced nylon. They expand in thickness when compressed together with the Cat. No. TLK5 Installation/Removal Tool, mechanically locking the glass panel into the base shoe.

The TAPER-LOC™ L-Pressure Block is made from high strength reinforced nylon. It spaces the glass away from the base shoe's vertical wall on one side and at the bottom edge, and is attached to the glass panel prior to installing into the base shoe with an adhesive tape strip that is pre-installed. It also serves to insulate the glass panels from damage during insertion into the base shoe and, at the same time, center the glass in the pocket. Minimum order is 10 Taper Sets. Must be ordered in increments of 10 sets.

**CAT. NO. TL5W10** TAPER-LOC™ Taper Set for 1/2" to 3/4" (12 to 19 mm) glass

### TAPER LOC™ INSTALLATION/REMOVAL TOOL KIT



The Installation/Removal Tool is used for tightening TAPER-LOC™ Tapers in the channel of the base shoe. The tool has an Integrated Torque Wrench that applies the precise lock-up force necessary to set the glass panels. Simply set in place and turn the wrench until a clicking sound is heard to assure you the Tapers have been locked together. Tool is also used to remove Tapers when glass panels need to be reset or replaced. And now you can use the TLK5 with base shoe that has been recessed into the floor simply by switching the standard TLB5 Compression Blades with our longer Cat. No. TLB6R Recessed Blades. The TLK5 Tool comes with the Integrated Torque Wrench, our Glass Railing Setting Tool, a pair of Glass Setting Roller Blocks, and Instructions, all in a Molded Carrying Case. Minimum order is one each.

**CAT. NO. TLK5** TAPER-LOC™ Installation/Removal Tool Kit With Integrated Torque Wrench



### CRL PAL PLUMB/ANGLE/LEVEL LOCATOR KIT



PAL1K Shown

The PAL Plumb/Angle/Level Locator Kit is designed to assist you with level and plumb installations of base shoe for railing and windscreen installations. This innovative tool levels the base shoe in both the vertical and horizontal orientations. Perfect for use with all TAPER-LOC™ installs.

Each PAL1K Kit includes: one Cat. No. 406065 Digital Laser Tool with Storage Case, one Cat. No. AMA1 Base Shoe Alignment Adapter, one Cat. No. LT1 Laser Target, one Cat. No. ST47099 Chalk Line, one Cat. No. P8B Blue Chalk, one Cat. No. MP1 Black Marking Pencil, one Cat. No. 2113338 Blue Sharpie Pen, and Instructions, all in a Molded Carrying Case. Minimum order is one each.

**CAT. NO. PAL1K** Plumb/Angle/Level Locator Kit With Digital Laser Tool

**CAT. NO. PAL0K** Plumb/Angle/Level Locator Kit Without Digital Laser Tool

## CRL Glass Railing Components



Installation Instructions can be viewed or downloaded from [crlaurence.com](http://crlaurence.com)

### • We Have a Complete Program for Railing Installers

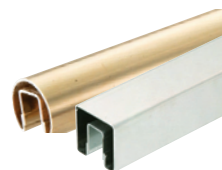
Our thorough selection of accessories includes everything you need for the installation of finished railing systems. CRL carries Base Shoe, Cladding, End Caps, Fasteners, Shims, Roll-In Vinyl, Hand Railing Tubing, Brackets, Joiners, and more. Go to our Catalog Library at [crlaurence.com](http://crlaurence.com) and click on the Railing Systems Catalog to begin your review of the entire program. You can also view our TAPER-LOC™ videos from the home page of [crlaurence.com](http://crlaurence.com).



Base Shoe and Cladding



Hand Railing Tubing



Top Cap Rails



Roll-In Vinyls





GRS Glass Rail System With Wall Mount and Glass Mount Brackets and Hand Rail Tubing



Glass Mount Brackets With Hand Rail Tubing



Glass and Wall Mount Brackets With Hand Rail Tubing



## CRL HRS Hand Rail Tubing and Components

- **Designed for Commercial, Institutional, and Residential Applications**
- **Available in Stainless Steel, Brass, Aluminum, and Wood**
- **Can Be Designed to Meet the Strictest of Building Codes, and are A.D.A. Compliant**
- **Round and Square Profiles Available**
- **Easy to Install and Attractively Priced**
- **Select From a Variety of Architectural Finishes**

CRL has developed a line of Hand Rail Tubing and Components to complete our HRS Hand Railing System. Our collection of Corners, Tees, Elbows, Crosses, Flanges, and Brackets will fill the need of most projects. We will also custom fabricate to fit your unique job conditions. For complete information on HRS Hand Rails, 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 through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Railing Products.



Round  
Polished Stainless



Round  
Brushed Stainless



Round  
Polished Brass



Square



Wood



## CRL Stainless Steel Post Railing System for Use With Glass Panels



- **Available in 1-1/4" Schedule 40 Pipe [1.66" (42.2 mm) Outside Diameter] and 1-1/2" Schedule 40 Pipe [1.9" (48.3 mm) Outside Diameter]**
- **Polished or Brushed Stainless Steel Finishes Available From Stock**
- **Glass is Secured With Our Z-Series Glass Clamps**
- **Custom Fabricated to Your Specifications for Glass Thicknesses From 1/4" (6 mm) to 1/2" (12 mm)**

CRL HRS Post Railing Systems are custom fabricated in Schedule 40 Pipe to the customer's specifications. They are available in two diameters from stock inventory, also in other diameters on special order. Polished stainless steel or brushed stainless steel finishes are available from stock. Other finishes are available on special order. 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 through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Railing Products.





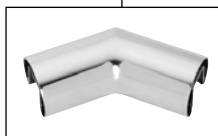
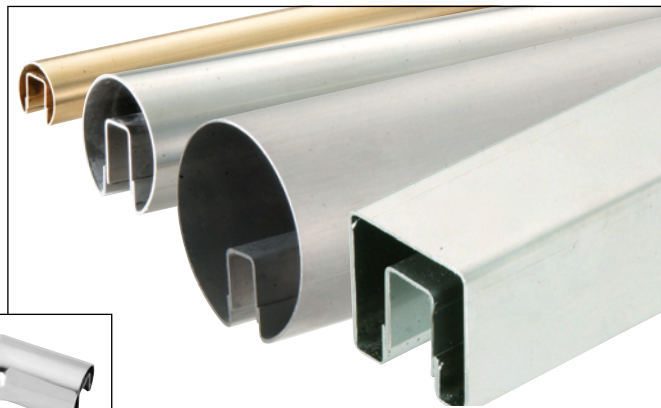
## CRL Cap Rails

- Premium Cap Rails are Manufactured by Bump-Forming to Ensure Reduced Spring Back
- A Variety of Sizes and Finishes Available to Accommodate 1/2" (12 mm), 5/8" (16 mm), and 3/4" (19 mm) Thick Glass
- A Full Line of Accessories to Complete the Installation



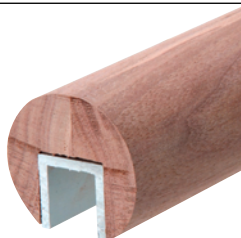
CRL Hand Railing Cap Rails are our latest innovation to set a standard for quality and cutting edge technical resources. We offer a Bump-Formed Cap Rail formed around a radius die, ensuring reduced spring back of the finished rail. CRL Formed Cap Rails are fabricated from 16 and 18 gauge material, depending on the diameter. CRL Extruded Aluminum Cap Rails have a standard wall thickness of 1/8" (3.2 mm).

CRL Cap Rails are available in diameters ranging from 1-1/2" to 4" (38.1 to 101.6 mm), as well as oval and square profiles in a wide range of architectural finishes. A full line of accessories to complete the installation is also available.



## CRL Wood Cap Rails

CRL Wood Cap Rails can be custom fabricated in round, square or custom configurations in a variety of hardwoods. Contact CRL Technical Sales for more information or a quote.

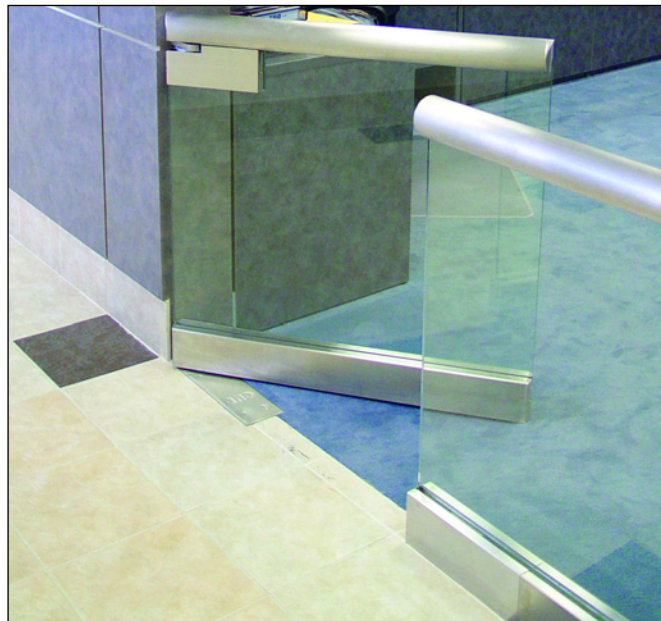


## CRL Cap Rail Swinging Gate

- Heavy-Duty Glass Gate With Optional Cap Rail
- Beautiful in Design and Functional in Operation
- Ask About Our New Free-Standing Post Model
- Gate Can Be Adjusted In and Out at Both the Top and the Bottom
- Custom Fabrication is Also Available



We have developed a Swinging Gate for commercial use with our GRS Glass Rail System. The bottom rail is widened so it matches the width of the adjacent fixed railing Base Shoe. The upper patch fitting is modified to allow for mounting to the stainless steel wall bracket and the modified Cap Rail. The top of the gate pivots on a heavy-duty ball bearing, while the bottom pivots on a floor mounted commercial door closer. The floor closer always returns the gate to the closed position, and the closing speed is adjustable.



All Swinging Gates are custom fabricated to your specifications. 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 through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Railing Products.



## CRL ARS Aluminum Railing System

C.R. Laurence Company manufactures premium Aluminum Railing Systems. By specializing in the design and manufacturing, we are uniquely suited to solve difficult installation issues and maintain high quality production. By controlling each step from original design to final shipping, we can provide the highest level of quality control and lead time reliability for projects anywhere in the world.

Product development is an ongoing process at CRL. Rest assured that the products we offer will represent the current evolution of railing technology. In addition to our standard designs, we offer the ability to create custom railings that address project-specific criteria.

## Glass Railing System

Use CRL's Glass Railing System for projects that are view-oriented. Glass Railings give buildings a sophisticated appeal. Our various systems will accept any 1/4" to 1/2" (6 to 12 mm) clear or tinted tempered glass infill options. Glass Railings also serve as effective wind barriers, further enhancing the outdoor balcony environment.

## Picket Railing System

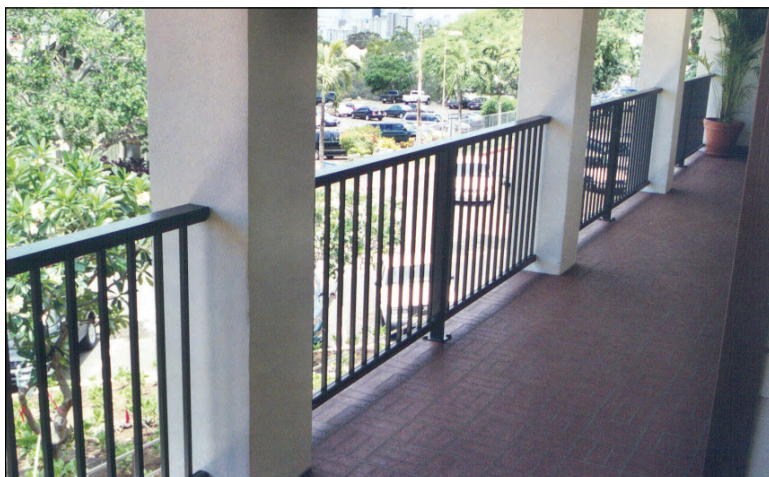
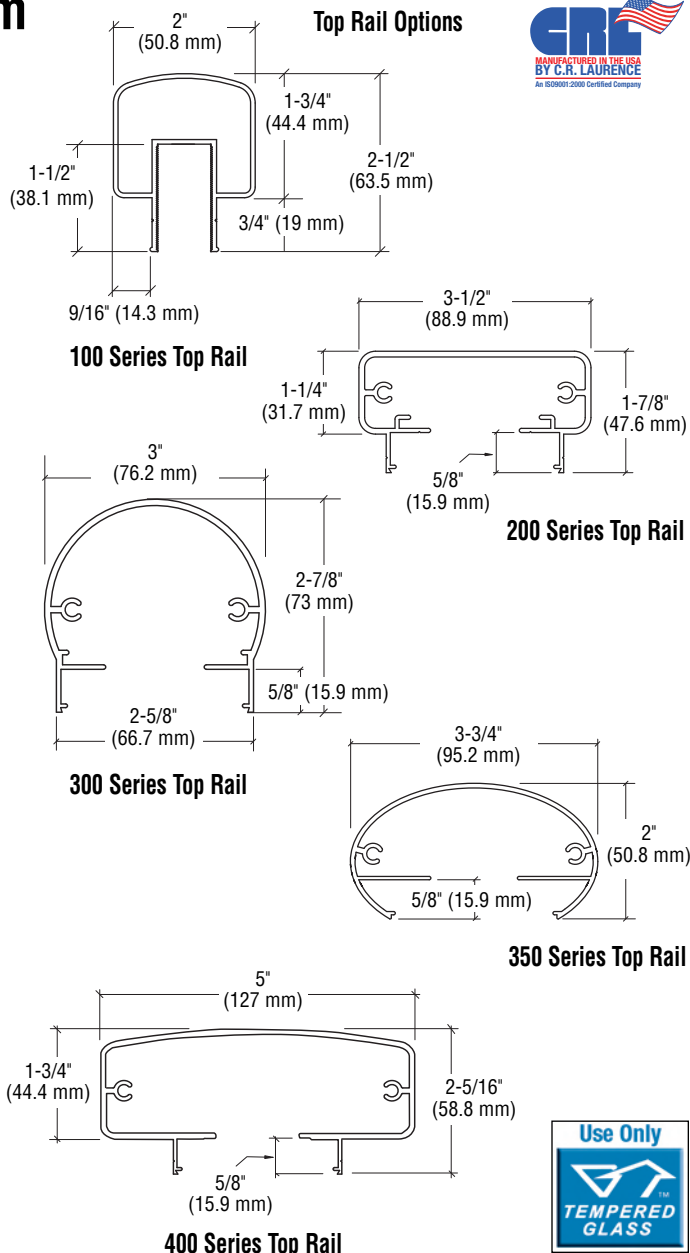
CRL's Picket Railing System is simple, attractive, and strong. Widely specified for commercial and residential applications, the Picket Railing System utilizes 3/4" (19 mm) square or round vertical pickets. Choose any one of our standard top rail options. Add our decorative cast or water jet/laser cut infill panels to create a unique architectural accent. For custom applications, consult CRL Railing Technical Sales.

## Cable Railing System

CRL's Cable Railing System is perfect for projects that desire a more commercial or nautical feel. Using quality 316 alloy cable and stainless steel hardware, our Cable Railing System performs in the harshest of conditions. Typical applications utilize horizontal cables spaced 3-1/2" (89 mm) on center.

## AWS Windscreen System

CRL's Glass Pool Surrounds and AWS Windscreens are very popular in hotel and condo applications. This Windscreen System creates an effective barrier while limiting the confining effect of a typical fence. Used in conjunction with a concrete slab or masonry wall, these innovative systems are highly adaptable, structurally sound, and attractive.





## CRL ARS Aluminum Railing System

CRL's high quality commercial or residential Aluminum Railing Systems are manufactured from extruded aluminum framing members utilizing infill options of tempered glass, aluminum pickets, stainless steel cable, cast or water jet/laser cut infills, that are engineered to meet applicable building code specifications.

Regardless of style or color, each one of our railing systems provides superior color retention, impact resistance, and weatherability in any environment.

We manufacture a comprehensive selection of railing systems that combine the durability of extruded aluminum with innovative design details. This assures long-term structural integrity and enhances project aesthetics, while consistently reducing the annual maintenance expense.



See our HR09 Catalog for the complete selection of Architectural Railing Systems

### Design Options

- Exterior and Interior Hand Rails and Guard Rails
- Infill Panel Options: Aluminum Pickets, Aluminum Pattern Panels, Clear or Coated Structural Glass, or Stainless Steel Cable
- Custom Gates
- ADA Compliant Grab Rails
- Attractive Low-Voltage, Post Mounted Lighting System for Our Railing Systems. Using a Safe, 12 Volt Power Source, These Lights Provide a Subtle Glow That is Sure to Enhance Any Balcony Environment



### Component Features and Benefits

- Innovative Design Details for Standard or Custom Applications
- Extruded Aluminum for Durability, Weather Resistance, and Low Maintenance
- Heavy Gauge Materials and Steel Embeds for Strength
- Uses 1/4" to 1/2" (6 to 12 mm) Tempered Glass for Safety and Impact Resistance

### Color Selection

- Tough, Powder-Coated or Optional KYNAR® Paint Colors for Superior Color Retention and Weather Resistance
- Special Coating for Resistance to Salt Water Corrosion

Our specially formulated coatings are designed to resist the corrosive effects of salt water, providing a permanent, worry-free addition to your building. You can choose from one of the seven standard colors, or one of our 250 additional "Quick Turn" colors. If you still can't find just the right color, you can send us the desired color and we can match it for you.

### Standard Colors

- In-House Factory Applied
- Baked on TGIC Polyester Powder Coat Paint System
- Excellent Weatherability and Durability
- Meets AAMA 2603-98 Specifications

### Additional Color Options

- A Variety of Textured and Performance Enhanced Powder Coat Paint Systems
- Custom Color Matching
- 50% and 70% KYNAR® Paint Systems to Meet Stringent AAMA 2604-98 and 2605-98 Commercial Specifications
- All Paint Systems Will Be Applied Over State-of-the-Art Chromate Pre-Treatment



- 2-3/8" and 4" (60 and 102 mm) Square Posts Available
- Seven Standard Powder Paint Colors Available (Custom Colors Also Available)



#### Standard Colors

Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Railing Technical Sales for additional information.

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



# CRL ARS ALUMINUM RAILING SYSTEMS

For Pricing on CRL Products, Call Toll Free  
(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)



ARS 200 Series Aluminum Railing System With Cable Infill and Fascia Mounts



ARS 350 Series Aluminum Railing System With Glass Infill



AWS Custom Powder Coated Aluminum Windscreen System With Fascia Mounts



AWS Custom Aluminum Windscreen System With Fascia Mounts



AWS Custom Aluminum Windscreen Gate With Sidelite Panel

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ARS 200 Series Aluminum Railing System With Custom Textured Glass Infill



ARS 300 Series Aluminum Railing System With Pickets



ARS 350 Series Aluminum Railing System With Glass Infill

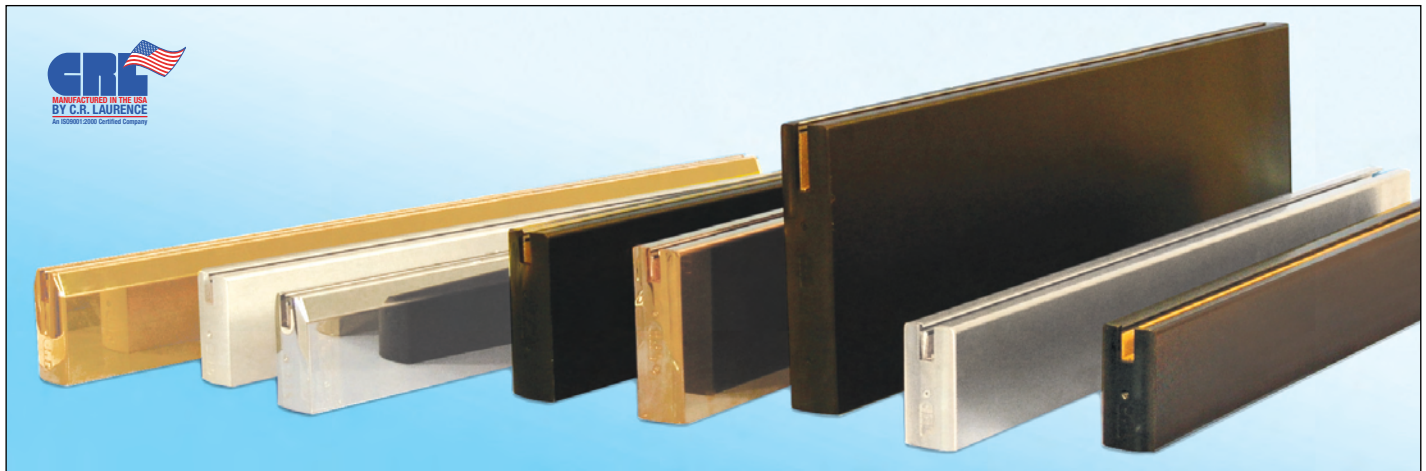


ARS Custom Aluminum Railing System With Glass Infill



ARS 200 Series Aluminum Railing System With Glass Infill





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

They said it couldn't be done, that the CRL DRS Door Rail System couldn't be improved upon. Well, we have surprised even ourselves!

We are proud to introduce our patented Wedge-Lock™ Glass Securing System, now with Kwik-Adjust™. The Kwik-Adjust™ Pivot Alignment 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.

Our entire DRS Line of 2-5/16", 4", 6" and 10" 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, 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, 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 through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Commercial Products.

- Three Standard Heights Plus New Low Profile Rails
- Six Standard Finishes Plus Custom Finishes on Special Order



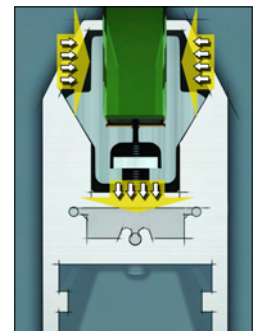
Black Anodized   Polished Brass   Brushed Stainless   Polished Stainless   Dark Bronze Anodized   Satin Anodized

## How the Wedge-Lock™ Glass Securing System Works

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 in clean up.

The Wedge-Lock™ System works by applying pressure evenly along both sides of the glass. Simply tighten the jaw screws, accessed from the hardware pocket of the rail. The screws then draw down a flat stainless steel bar. The steel bar in turn pulls down the gripping jaws. This action then forces the jaws towards 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. Foreign Patents Pending.





## Features of the CRL Wedge-Lock™ Door Rail System

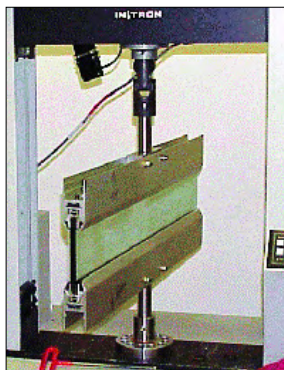
- Exclusive CRL Wedge-Lock™ Glass Securing System for Rapid Installation and Steadfast Holding Power
- Door Assembly Can Be Ready for Installation in Less Than 10 Minutes
- Universal Top and Bottom Rails Cut Inventory and Make Ordering Easier
- Dry Glazing Allows for Field Replacement
- Kwik-Adjust™ Pivot Alignment System 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

We offer the most comprehensive Door and Sidelite Rail program in the industry. We stock 2-5/16", 4", 6" and 10" tall Door and Sidelite Rails in six standard architectural finishes, and offer a large variety of powder-coated options, as well as custom finishing.

Our Door Rails are prepped to accept most all of the standard hardware on the market today, but we don't stop there. We also offer custom fabrication to handle the rest, and we do it faster than any of our competitors.

## 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.



For more information, please 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 send e-mail through the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



10", 6" and 4" Square

4" Tapered

2-5/16" Low Profile



Full Length  
Door Rails



## Wedge-Lock™ Ordering Variety

- Available With or Without a Lock
- Rails Stocked for 3/8", 1/2", and 3/4" (10, 12, and 19 mm) Glass
- Up to Six Stock Finishes Available in 2-5/16", 4", 6", and 10" (59, 102, 152, 254 mm) Heights
- Custom Sizes and Finishes Also Available



## CRL Sidelite Rails, U-Channel, and Accessories

### CRL Sidelite Rails With Top Load Roll-In Gasket

- Five Styles in Up to Eleven Architectural Finishes
- Sidelite Rails Match Door Rails for Even Sightline



10" Square   6" Square   4" Square   4" Tapered   2-5/16" Low Profile



## CRL Combination Wide U-Channel and Narrow Header

- Available in Stock Lengths, Fabricated Headers, or Headers With Side Pockets for "Lift and Drop" Panel Glazing
- Matches the Width of Door and Sidelite Rails
- Accepts Roll-In Gasket, Top Pivot Block, and Flush Snap-In Insert
- Accepts 3/8", 1/2", 5/8", and 3/4" (10 to 19 mm) Glass
- Eleven Architectural Finishes
- Custom Sizes and Finishes Available

Combination Wide U-Channel and Narrow Header



Regular U-Channel with Aluminum/Neoprene Setting Block

Shallow U-Channel With Roll-In Gasket

## CRL Regular and Shallow U-Channel With Top Load Roll-In Gasket

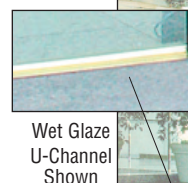
- Accepts 3/8" (10 mm) or 1/2" (12 mm) Glass
- Both Depths Available in Six Standard Architectural Finishes

## CRL Wet Glaze U-Channel



Wet Glaze U-Channel

- Accepts 3/8" (10 mm) or 1/2" (12 mm) Glass
- Offered in Two Heights
- 120" (3.05 m) and 240" (6.10 m) Stock Lengths Available in Seven Finishes
- Custom Finishes Available



Wet Glaze U-Channel Shown





## CRL Commercial Glass Door Accessories

### CRL Stock Size Headers for Overhead Concealed Door Closers

- Five Stock Finishes
- Includes Snap-In Cover Plates
- 4" and 4-1/2" (101 and 114 mm) Widths



Typical Installation  
Showing Exposed Spindle  
of Overhead Closer



36" (914 mm)  
Single Door

72" (1829 mm)  
Double Door

Custom  
Lengths



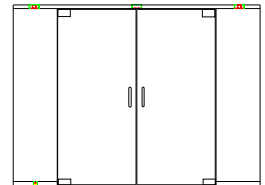
- Five Stock Finishes
- Available in 4" and 4-1/2" (101 and 114 mm) Widths for 3/8", 1/2", 5/8", and 3/4" (10 to 19 mm) Glass



Fixed Panel Section  
With Glazing Gasket



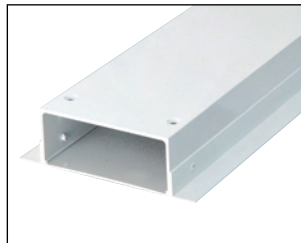
Header Section



Typical Double Glass Doors  
with Sidelites

### CRL Hat Channel Door Closer Header for Single and Double Doors

- Surrounded by "L" Angle to Support Ceiling Tiles
- White Finish to Match Ceiling "T" Bar
- Provides Almost Invisible Look



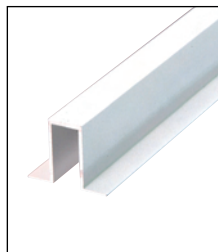
### CRL Floating Header for Overhead Concealed Door Closers

- Available for 1/2" (12 mm) Glass-to-Glass or Glass-to-Wall Installations With or Without Overhead Door Closers
- Stock 36" (914 mm) Single and 72" (1829 mm) Double Headers, With Custom Sizes Available
- Available in Five Stock Finishes



### CRL Hat Channel for Fixed Glazing

- White Finish to Match Ceiling "T" Bar
- Accepts 3/8" or 1/2" (10 or 12 mm) Glass
- Glass Secured With Silicone Sealant or Roll-in Vinyl



### Complete Line of Commercial Door Pulls and Center Lock Housings

- Custom Finishes and Sizes Available
- Beautiful Accessories for Frameless 'All-Glass' Entrance Doors and Sidelites





## CRL Surface Mounted Door Closers

- Fixed and Multi-Size Adjustable Models
- Barrier-Free and Delayed Action Models to Meet A.D.A. Barrier-Free Requirements
- Adjustable Backcheck is Standard
- Reversible for Regular, Top-Jamb, and Parallel Arm Applications
- 10 Year Warranty
- UL Listed

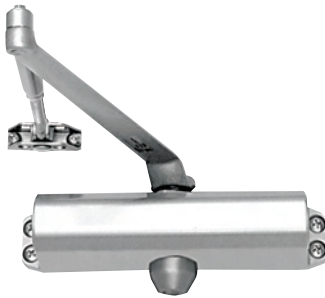


CRL presents the glazing industry's largest selection of quality Surface Mounted Door Closers and accessories. Available in both single size fixed and multi-size adjustable spring power, barrier-free, and delayed action models. All Closers are supplied with adjustable backcheck, and both the closing 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 Closer, 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.

### DC50 Series

- ANSI Grade 1
- Fixed Size Models in Sizes 1 Through 5
- Suitable for Doors From 33 to 264 Pounds (15 to 120 kg)
- Models Engineered for Residential and Commercial Use



### PR70 Series

- Available in Four Finishes
- Multi-Size Adjustable Models Ranging From 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



### PR80 Series

- Multi-Size Adjustable Models Ranging From 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



### PR40 Series

- ANSI A156.4 Grade 1
- Multi-Size Adjustable Models Ranging From 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



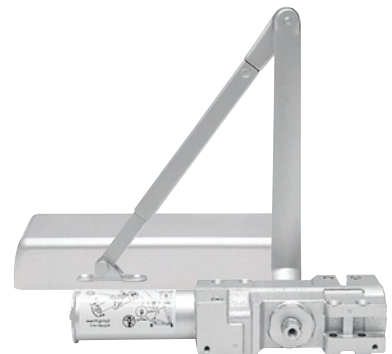
### PR50 Series

- ANSI Grade 1
- Multi-Size Adjustable Models Ranging From 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



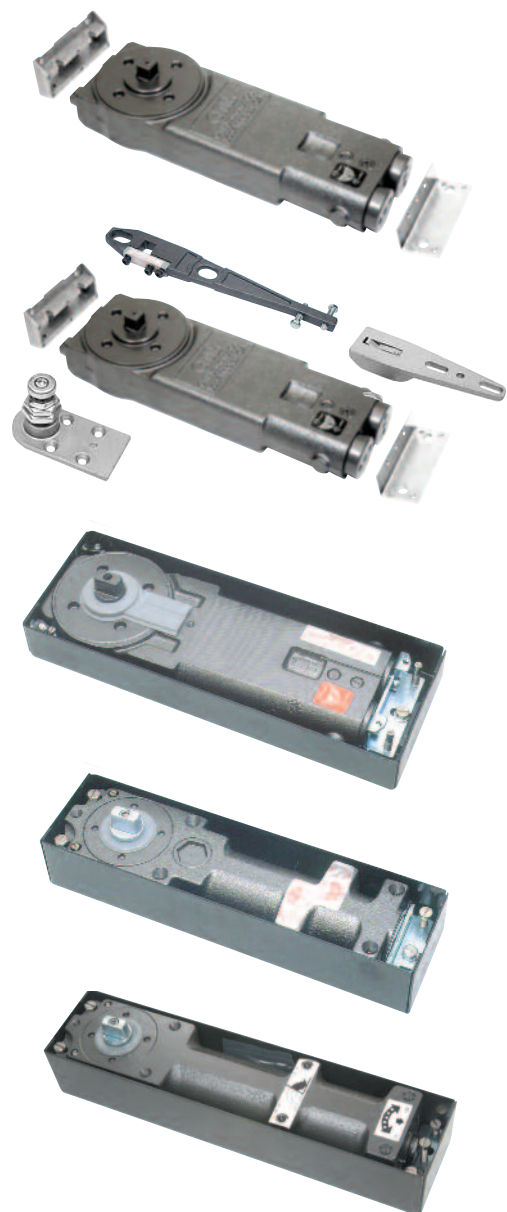
### PR90 Series

- ANSI A156.4 Grade 1
- Durable Cast Iron Body
- Multi-Size Adjustable Models Ranging From Sizes 1 Through 6
- Suitable for Doors From 33 to 330 Pounds (15 to 150 kg)



## CRL Concealed Door Closers

- A.D.A. 5 Lb. (Interior) and 8.5 Lb. (Exterior) Spring Size Models to Meet A.D.A. Barrier-Free Requirements
- Available With Light, Medium or Heavy Spring Size
- 90 Degree or 105 Degree Swing, Hold or Non-Hold Open Functions
- Single or Double Action Non-Handed Design
- Interchangeable With Similar Style Closer Bodies
- Wide Variety of Accessories to Suit Most Applications
- 5 Year Limited Warranty
- UL Listed



CRL offers a complete line of Overhead Concealed and Floor Mounted Closers to suit the needs of the glass and glazing industry. These Closers are of the highest quality, having successfully passed rigorous testing to ensure long lasting, maintenance free performance.

The universal design of these Closers allows one basic, non-handed closer mechanism to be used for either center-hung or offset applications. Suitable for both interior and exterior installations, with a wide variety of accessories to accommodate most applications.



### Overhead Concealed Closer Body Only

- Mechanism Only, Packed With Mounting Clips
- Available With Standard 1/2" (12 mm) or Extended Length 3/4" (19 mm) Spindle
- Ideal for Retrofit or Replacement Applications

### Overhead Concealed Closer Body With Complete Door Package

- Completely Packed With Closer, Mounting Clips, Door Arm, and Floor Pivot
- Available With Choice of Side-Load, End-Load or Offset Arm Packages
- Ideal for New Installations

### 8300 Series Low Profile Floor Mounted Closer

- Low Profile 1-9/16" (40 mm) Depth for Thin-Slab Applications
- Includes Cement Case and Cover Plate
- Suitable for Doors Up to 264 Pounds (120 kg)
- Interchangeable Spindles to Accommodate Various Finished Floor Heights

### 8400 Series Narrow Floor Mounted Closer

- Narrow 3-1/16" (78 mm) Width Compact Design
- Includes Cement Case and Cover Plate
- Suitable for Doors Up to 264 Pounds (120 kg)
- Interchangeable Spindles to Accommodate Various Finished Floor Heights

### 8500 Series Heavy Weight Floor Mounted Closer

- 800 Pound (363 kg) Capacity, Maximum 54" (1371 mm) Wide Doors
- Narrow Width, Shallow Depth Compact Design
- Selective Multi-Point Hold-Open Position
- Variable Delayed Action
- Interchangeable Spindles to Accommodate Various Finished Floor Heights



## CRL Architectural Hardware

- 'All-Glass' Entrance and Storefront Systems
- Panic Handle Systems
- Structural Glass Fittings
- Commercial Patch Hardware
- Display Hardware
- Standoff Systems



**Wedge-Lock™ Door and Sidelite Rails**



**Wedge-Lock™ Door Rails and Access Handles**



**Stacking Door System**



**Bottom Rolling Sliding Door Systems**



## The Contemporary 'All-Glass' Look



Patch Fittings



Door and Sidelite Rails



Heavy Glass Sliding Door Systems



Standoffs



Structural Glass Fittings



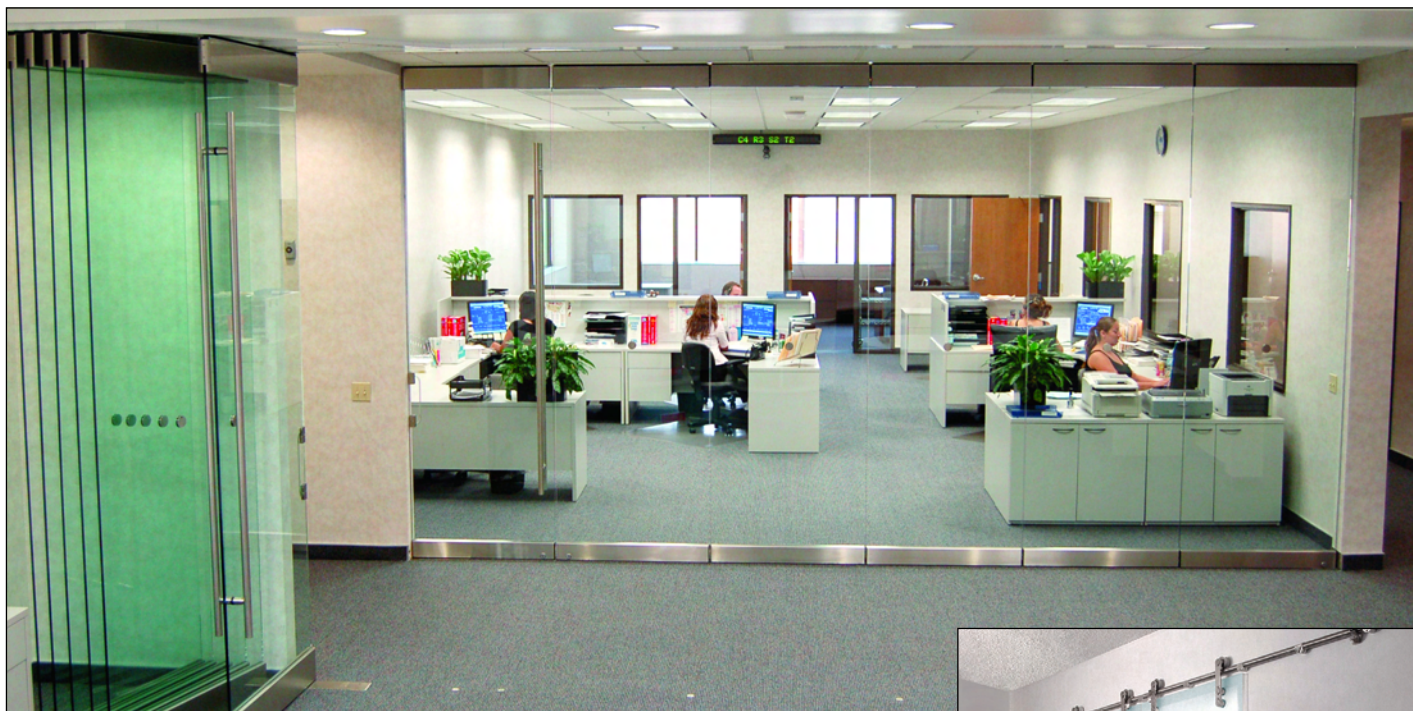
Panic Handles, Deadbolt Handles, and Electronic Egress Control Handles

ANSI/BHMA A156.3-200A Grade 1 Panic Handle and ANSI/BHMA A156.16-1997 Grade 1 Deadbolt Handle for 'All-Glass' Doors

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Stacking Partition System

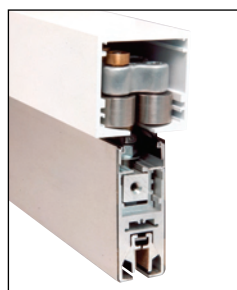


Stacking Partition System

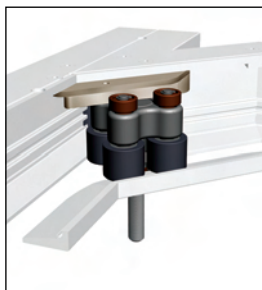
## CRL Heavy Glass Door and Room Partition Systems



Laguna Sliding Door System



Intelli-Track™ Roller (Patent Pending)



Top Hung Single Track Sliding Door Systems





## CRL Heavy Glass Walls and Room Dividers

Our Heavy Glass Wall and Room Divider Systems can make confined areas more open and airy, while still providing for a partition between adjacent spaces. These systems incorporate our Sidelite Rails and U-Channels, Heavy Base Shoes, Cap Rails, Concealed and Floor Mounted Door Closers, Header and Hat Channels, Door Locks and Handles. All of which can be supplied to you from any CRL regional warehouse.

For more information on these systems, or for a quote, 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 contact us by e-mail. Go to the [crlaurence.com](http://crlaurence.com) home page and click on Contact Us, then click on Technical Sales for Commercial Products.



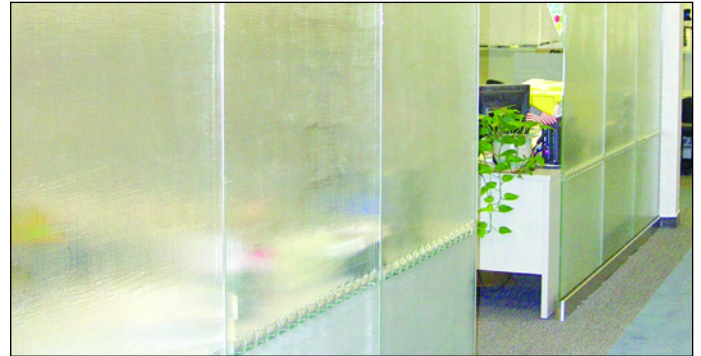
**Heavy Glass Conference Room Walls**



**Heavy Glass Office Walls**



**Heavy Glass Office Divider Walls**



**Heavy Glass Office Separation Walls**

## CRL Base Supported Heavy Glass Windbreaks and Hand Railings

For information on these systems, ask for Architectural Railing Technical Sales at Ext. 7730.



**Base Supported Heavy Glass Windbreaks**



**Base Supported Heavy Glass Hand Railings**



## CRL Heavy Glass Hardware Systems

CRL is an innovator in hardware systems for structural glass. Let us provide design assistance for your next heavy glass project. 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 from the [crlaurence.com](http://crlaurence.com) home page. Click on Contact Us, and then click on Technical Sales for Commercial Products.



Overhead Track Bi-Fold Door Systems



Laguna Series Pivot Door Systems



Glass Awning  
Support Systems



Structural Glass Fittings



Patch Hardware Systems



Bottom Rolling Sliding Door Systems

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## CRL Architectural Metals

- Wall Panel Cladding Systems
- Column Covers (Cladding)
- Canopy Panel Systems



C.R. Laurence Company continues to offer the glazing industry innovative, high quality products as it has for over 40 years, but with an expanding emphasis on Architectural Metals and services. Our newest product lines, the CRL Wall Panel Systems, Ceiling Systems, Column Cladding, Architectural Wire Cloth Systems, as well as our rapidly growing line of Sunshades and Canopies are all made in our state of the art 270,000 square foot QS-9000 and ISO 9001 Certified manufacturing facility in Southern California. With our 23 distribution locations throughout the United States, Canada and Australia, our goal is to provide products of the highest quality and value.

For additional information, contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the United States, (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 7770. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Architectural Metals Products.



Wall Panel Systems



Column Covers (Cladding)



Canopy Panel Systems



## CRL Architectural Metals

- Completely Fabricated Sunshade Systems
- Custom Sunshade Component Parts
- Aluminum and Steel Canopies
- Practical Design for Minimal Field Labor



An element of sophistication and modern design, sunshades and canopies transform an indistinct building into a space of beauty and expression.

Each system is built to specifications in our Los Angeles facility under strict standards that have earned CRL many prestigious awards for manufacturing excellence. CRL engineers will work with you to create an elegant and functional Sunshade or Canopy System that is sure to impress.

For additional information, contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Architectural Metals Products.



Custom Sunshades



Sunshades



Aluminum and Stainless Steel Canopies



## CRL Architectural Metals

- Wire Cloth Systems
- Perforated Panel Systems
- For Decorative Interior or Exterior Designs

CRL's Architectural Wire Cloth can completely transform a building's façade. The trend of using more glass in buildings requires effective protection against the sun and its intense rays. CRL's Wire Cloth can be installed to filter out harmful sun rays, while at the same time creating a façade with character.

CRL's Wire Cloth elements are generally maintenance-free, so no special cleaning is required. For exterior applications the preferred material is a high quality Stainless Steel with molybdenum which offers great corrosion resistance. Tensioning systems with edge detail may be incorporated to CRL's Architectural Wire Cloth to ensure that the cloth remains taut.

Architectural Wire Cloth is available in several meshes to cover a variety of applications. Differing visual effects are achieved in combination with mesh type and lighting characteristics in the surrounding environment.



Wire Cloth Systems

- Provides for Sound Absorption and Sun Protection



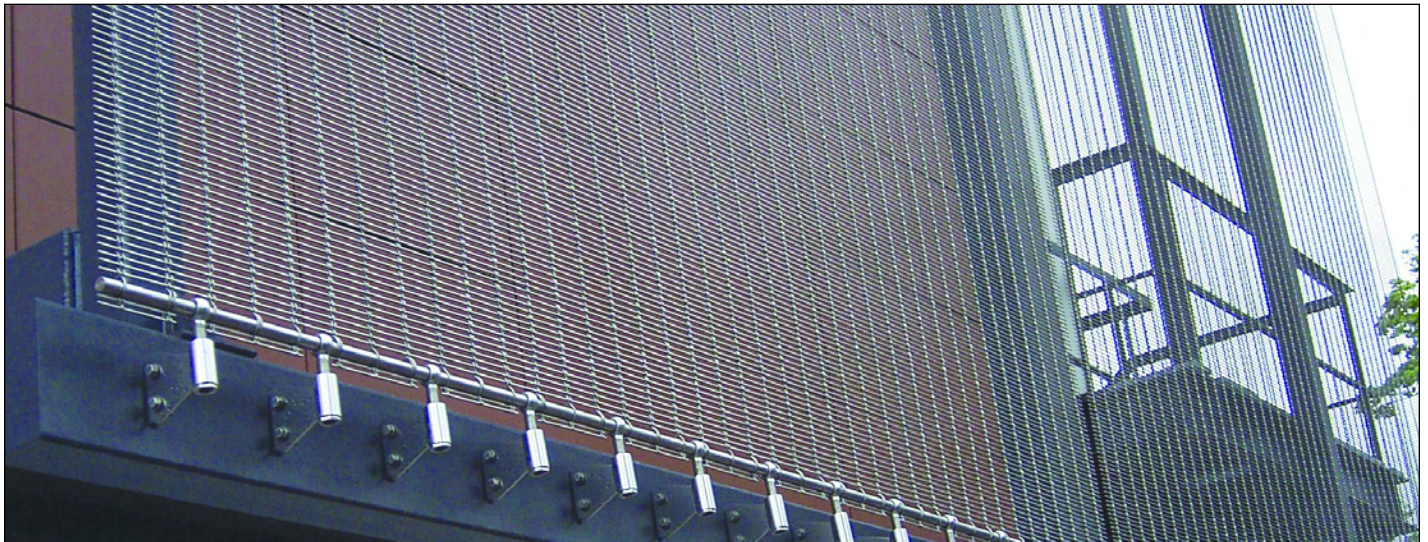
CRL Perforated Panel Systems provide a unique look to any modern edifice. Tastefully designed and skillfully manufactured at CRL's own Los Angeles facility, these Perforated Panels add privacy, and can also act as a sunshade to reduce interior heat.

Strategically placed panels can give an older building a newer, more modern look, while at the same time serving to increase the efficiency of cooling systems. They are available in any number of finishes and perforation patterns, and can be retrofit to building without major structural reconfiguration. CRL engineers will assist with design and installation plans to make your project a cost-efficient and attractive building addition.

For additional information, contact CRL Architectural and Ornamental Metals Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 7770. You can also e-mail us through our web site at [crlaurence.com](http://crlaurence.com). From the home page click on Contact Us, and then click on Technical Sales for Architectural Metals Products.



Perforated Panel Systems



Tensioned Architectural Wire Cloth Systems

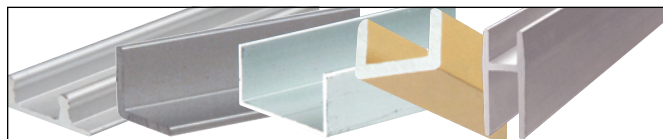


## CRL Extrusions and Moldings

### The Shapes, Materials, and Finishes You Need, When You Need Them



#### Selection



Through years of working with the industries, C.R. Laurence Company has developed an extensive line of Extrusions and Moldings 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 of CRL Extrusions to be 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, and plastic will allow you to use the most appropriate parts in assembling your jobs. Our large selection of finishes make 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.

#### Service



Ordering online at [crlaurence.com](http://crlaurence.com), by toll free phone, toll free fax, or visiting one of our warehouse locations is easier than ever. We take a business-to-business approach to every transaction with our customers. 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. Our Online Catalog showcases our over 50,000 products, with new products being added every month. The CRL Technical Sales Department offers Product Specialist Groups who are trained in the latest product systems and are ready to answer all of our 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 Moldings to be ready to serve you.



## CRL's High Standards Produce the Results You Need to Achieve Excellence

### Material Quality

Our aluminum smelting process starts with the highest quality primary ingots for billet castings. Alloy analysis is made using spectrometers, tensile testers, and impact testers for consistent results. Stainless steel moldings are made from Type 430 and 304 metals, and all of our plastic channels are of the finest materials available.



### Aluminum Anodizing

Only high quality materials and chemicals are used in conjunction with 6,000 - 10,000 Amp rectifiers. CRL offers the widest range of anodized, brushed anodized, and polished finishes to precisely match our hardware with guaranteed consistency. Custom finishes are available, just ask.



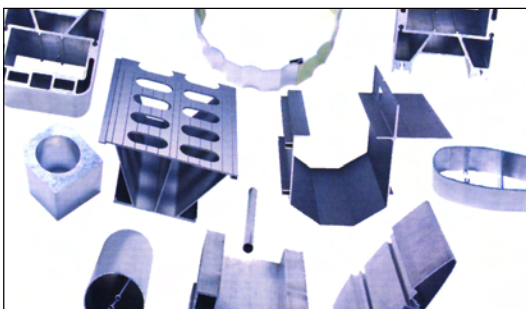
### Powder Coating

Electro-static powder coating of CRL Aluminum Extrusions and Moldings is done with the finest powders and latest technology. Quality control experts constantly monitor pre-treatment chemicals for consistency. Choose from standard stocked colors, or let us match colors to your specific requirements.



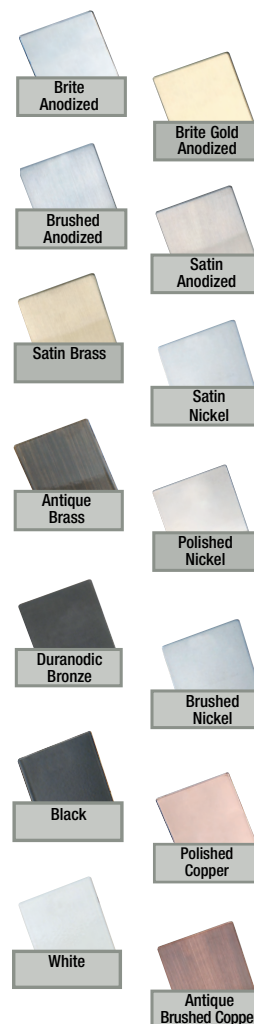
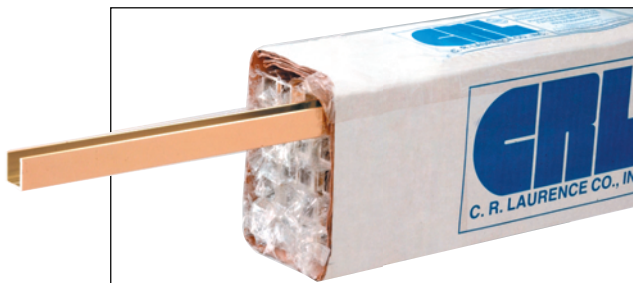
### Custom Shapes and Fabrication

CRL can produce virtually any shape extrusion from your drawing or samples. Our die makers will precisely design and produce high tolerance tooling with CNC Machine efficiency. Value added fabrication of special orders are never a problem. Services available include hole punching and drilling, cutting, processing, assembly, accessory fitting, stamping, mechanical polishing, and packaging with fasteners.



### Superior Packaging

CRL's years of experience in handling and packaging extrusions have helped us design a variety of sound and secure packing methods. Protection of finished surfaces by polywrapping individual lengths and tightly packed full case shipments ensure delivery of flawless materials for your project requirements.



#### Powder Coat Finishes



The full selection of RAL Colors are also available.

Colors shown are representative only, and may vary slightly from actual gloss, color, and texture. If color match is critical, please contact Technical Sales for additional information.





## CRL Sneeze Guards

- Hand Fabricated in Our California Manufacturing Facility
- Six Series of Attractive and Functional Sneeze Guards in Hundreds of Colors and Configuration Options
- Full Inventories for Quick Fulfillment of Your Orders
- Complete Planning and Installation Assistance

## CRL Partition Posts and Booth Divider Systems

- Stock Sizes and Finishes for Off-the-Shelf Ordering, or Custom Fabricated to Your Needs



See our complete selection of hospitality hardware, along with color photos of finished projects, in our HS07 Hospitality and Service Hardware Catalog. You can view it online at [crlaurence.com](http://crlaurence.com).



- Several Distinct Designs



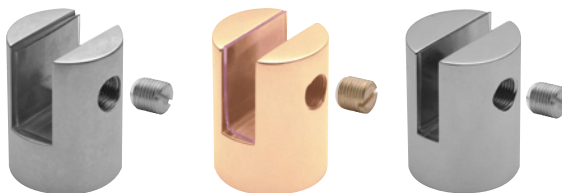
- A Full Selection of Components So You Can Do-It-Yourself

Only C.R. Laurence gives you so many options when it comes to Hospitality and Service Hardware. You can select pre-fabricated units off-the-shelf, order them custom made, or buy the components to make them yourself. We give you so many options because no two jobs are alike, and you need to be able to respond to your customer's needs as quickly as possible with quality made, attractive, and cost efficient furnishings.

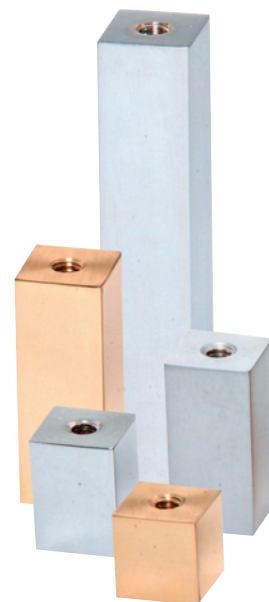
## CRL Standoff and Glass Connection Systems



ROUND STANDOFF BASES



SLOT MOUNT STANDOFFS



SQUARE STANDOFF BASES

### CRL's Family of Standoff Products Can Be Used Independently or Together to Create Unique Designs

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, 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 are available in Chrome, Brass, Brushed Stainless, Satin Chrome, and Gun Metal finishes. All Standoff Systems can be viewed in our Online Catalog at [crlaurence.com](http://crlaurence.com).



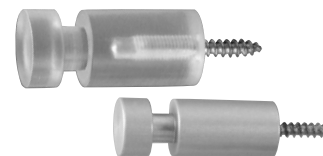
EDGE GRIPS



STANDOFF TUBE ADAPTORS



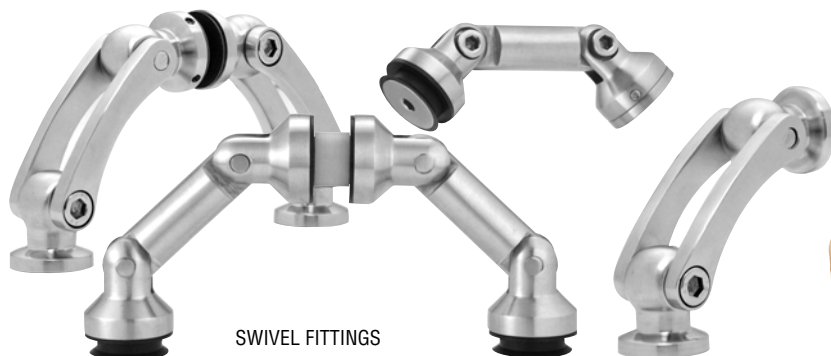
LOW PROFILE CAP ASSEMBLIES



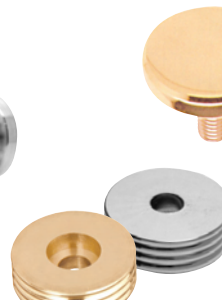
FRAMEPEGS



STANDARD CAP ASSEMBLIES



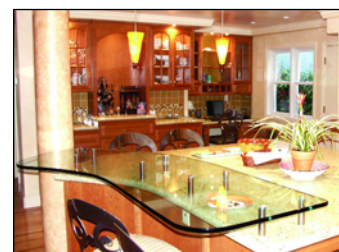
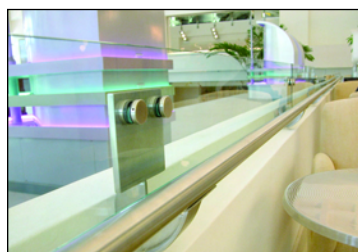
SWIVEL FITTINGS



ACCENT RINGS



FLUSH MOUNT CAP ASSEMBLIES





**ALSO FROM C.R. LAURENCE**

For Pricing on CRL Products, Call Toll Free  
(800) 421-6144, or Visit [crlaurence.com](http://crlaurence.com)

## CRL Frameless Shower Door Hardware and Supplies

- Unequaled Selection
- Beautiful Architectural Finishes
- Huge Inventories

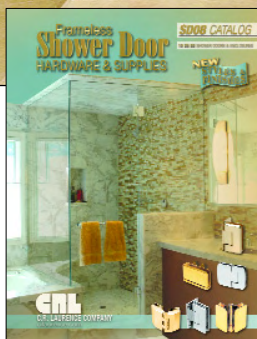


### Residential Upgrades

- Bringing High Scale Quality to Designer Bathrooms

### Commercial Projects

- The Choice of Many of the Finest Hotels, Resorts, and Condominium Complexes Around the World



#### Shower Door Catalog

For the complete line of CRL Shower Hardware products, ask for our Frameless Shower Door Hardware Catalog. You can also view it online at [crlaurence.com](http://crlaurence.com).



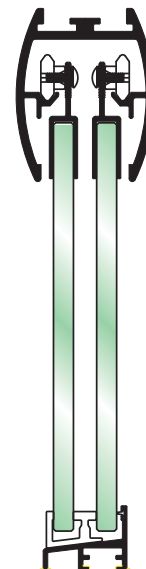
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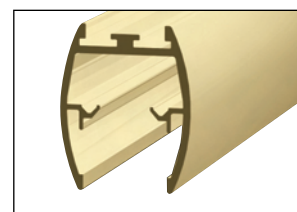


## CRL Cottage Series - Frameless Sliding Shower Door Kits and Components

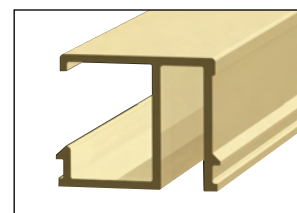
- Stock Kits in Bright Anodized, Bright Gold Anodized, Brushed Nickel, and Oil Rubbed Bronze Finishes, With a Choice of Metal or Clear Jamb
- Ask Us About Custom Finishes



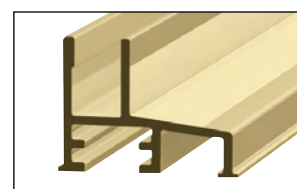
End View of  
Sliding Panels



Header



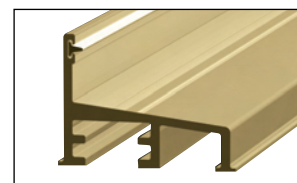
Header Filler



Sidelite Sill



Side Jamb



Bottom Sill



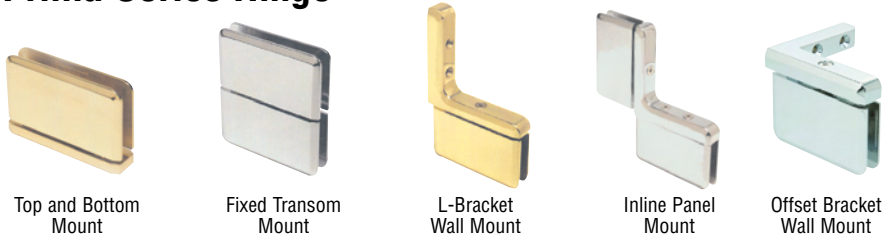
- Custom Inline and Angled Kits Made to Your Specifications
- Extrusions and Hardware Also Available as Separate Components

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 send e-mail via the CRL web site at [crlaurence.com](http://crlaurence.com). Click on Contact Us, then click on Technical Sales for Shower Products.



## CRL Frameless Shower Hardware

### Prima Series Hinge



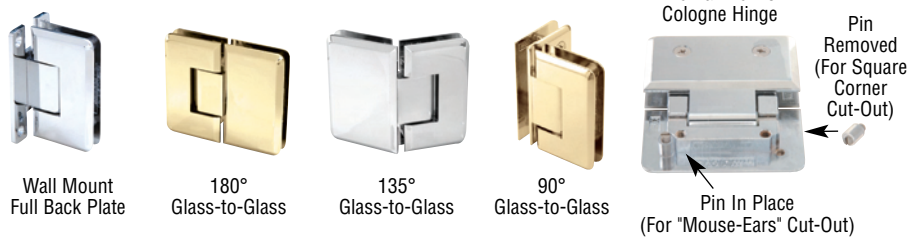
Prima Hinges provide extra application possibilities. Their Top and Bottom Pivot style handles the weight of the door better than traditional "Side Mount" hinges, as well as allowing greater glass exposure, thus

making for a more aesthetic enclosure. Prima Hinges can be mounted floor and ceiling, floor and wall, floor and fixed transom, floor and inline panel, or floor and header for enclosures not reaching the ceiling.

### Vienna Series Hinge



### Cologne Series Hinge



Vienna and Cologne Series Hinges are ideal for wider and heavier doors. Two hinges can accommodate up to a 36" (914 mm) wide door weighing up to 110 pounds (50 kg), while three hinges can accommodate up to a 36" (914 mm) wide door up to 140 pounds (63.5 kg).

Two strategically placed steel pins allow the hinge to be used in a "mouse-ear" shaped cut-out, thus providing a non-slip safety feature. For those customers wishing to do a rectangular style cut-out, the two steel pins may be removed, allowing more adjustability.



• **CRL Offers Over 20 Varieties of Hinge Series to Accommodate 1/4" to 1/2" (6 mm to 12 mm) Thick Glass, and Match Most Any Modern Bathroom Décor**



## CRL Frameless Shower Hardware



Online Glass  
Sizing Program  
Go to [crlaurence.com](http://crlaurence.com)  
for a 30-day Free Trial



### Geneva Series Hinge



### Pinnacle Series Hinge



Geneva Hinges offer three varieties of Wall Mount Hinges, in addition to three Glass-to-Glass models. Pinnacle Hinges offer two styles of Wall Mount Hinges, as well as three

Glass-to-Glass models. Adjustable models (not pictured here) that feature up to 90 degree adjustment to accommodate "off angles" are also available.

### Regal Series Adjustable Hinge

Allen Adjustment  
Screw

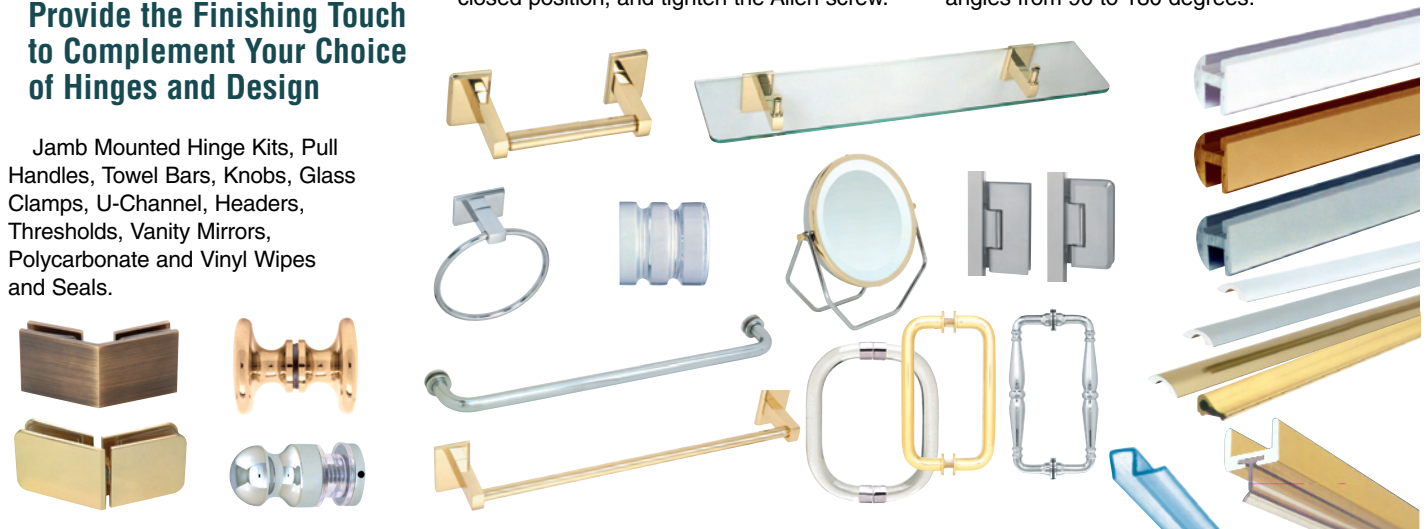


The Regal Hinge offers an adjustable closing angle from 0 to 90 degrees. After the door is installed, simply loosen the Allen screw adjustment, position the door to the desired closed position, and tighten the Allen screw.

You have now solved the problem of walls not meeting the door at the perfect 90 degree angle. This adjustment feature means that a single Glass-to-Glass model can accommodate angles from 90 to 180 degrees.

### • 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.



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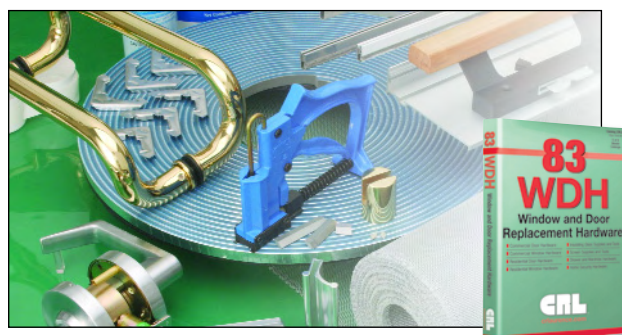
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- Thousands of Pages of Quality Products and Helpful Information are Just Clicks Away, Anytime, and at Your Convenience

What's the best way to shop at C.R. Laurence? Visit the Online Catalog at [crlaurence.com](http://crlaurence.com). Our Online Catalog brings you thousands of pages from our many printed catalogs. All of them in full color, and linked to our ordering module so you can browse and shop at any time it's convenient. You can check prices, review stock levels, and get the most complete and up-to-date details on the products we offer. And you can do it all from any PC.

Our full service web site and Online Catalog are the most comprehensive and convenient up-to-date information sources we can offer. One of the great things about having an Online Catalog is that it is limitless in possibilities. Explore some of our most popular product lines or review individual products. CRL has over 50,000 of them organized by specific product categories.

What better way to shop! The convenience of having all CRL catalogs combined into one Online Catalog. It's the quick and easy way to find just what you need, available at your convenience, whenever you're ready. And if you ever need assistance, just contact us over the Internet or by toll free phone. We'll be glad to help.



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## Introduction

Of all the products we bring you, our Online Catalog may be the most important. We know that the most efficient way for our customers to shop at CRL is by using this carefully planned and thoroughly prepared Online Catalog to make it easy for them to find exactly what they need. C.R. Laurence Company is committed to making our Online Catalog your best source for information and technical support.

What you will find at [crlaurence.com](http://crlaurence.com) is a link to who we are, what we do, and what we have to offer our customers. The CRL full service web site allows us to use the powers of Electronic Commerce to bring you closer to all of the products and services that we offer.

**CRL NAVIGATION MENU**  
C.R. Laurence Co., Inc.

**Sign On | My Orders/Account | View Cart | Home | Help**

**Enter Your Search Word(s) Here** **Search** **CRL Total Search**

**Railing Systems** **Frameless Showers** **Glass Hardware** **Contact Us** **Dial Up / Hi Speed** **Language / Country**

**Display Systems** **Sealants and Tools** **Automotive** **Architectural Hardware** **Specials / Discounts** **Request a Quote**

**Customer Menu Bar**

- Not a CRL Customer?
- Searching on CRL**
  - CRL Total Search
  - New Product Area
  - Popular Product Lines
  - Products by Industry
- Products & Services**
  - Architectural Railing System
  - Architectural Customers
  - Automotive Products
  - Display Systems
  - Entrance Systems
  - Hand Held and Power Tools
  - Hospitality and Service Hardware
  - Machinery and Large Equipment
  - Post Systems
  - Product Finish / Gallery
  - Shower Doors
  - Somaca Manufactured Machinery and Equipment
  - Taper-Loc™ System
  - Transaction Hardware
- General Information**
- News & Events**

**Introducing our Newest Catalogs**

**CRL PRODUCT SHOWCASE**

**TAPER-LOC™ DRY GLAZE RAILING SYSTEM**

**Available Videos** **NEW** **patent pending**

**CAT. NO. TL5W10**  
CRL Taper-Loc™ Taper Set for 1/2" or 3/4" Glass Railings

**CAT. NO. TLK5**  
CRL Taper-Loc™ Installation / Removal Tool Kit

- Hassle Free Installation With Only One Installation / Removal Tool
- No More Mixing, Pouring or Clean Up of Messy Expansion Cement
- No More Carrying 50 Pound Pails of Cement and Water
- Easily Cuts Your Glass Installation Time by More than 50%
- Tested and Engineered to Meet and Exceed Code Standards

**New CRL eStatements**

**Click Here to Place an Order**

**Quick Pricing and Stock Check**

**CRL's New Invoice Policy**

**In the U.S. go to [crlaurence.com](http://crlaurence.com)**

**In Canada go to [crlaurence.ca](http://crlaurence.ca)**

**In Australia go to [crlaurence.com.au](http://crlaurence.com.au)**

**Catalog Library**

**User's Guide**

**What's New**

**Hand Rails Online**

**Details and LOG-IN**

**Showers Online**

We take a Business-to-Business approach of conducting business over the Internet because it gives us so many ways to connect with you. Methods of searching for and ordering products that just a few years ago would have been impossible were it not for the versatility of this powerful tool.

Empowerment is what a good web site is all about. We let you make the decisions that will best serve you. You can build

your orders and submit them 24 hours a day, seven days a week, at your convenience. You can review over 50,000 products we make available, including pricing and current stock availability.

All of this and more is available to CRL customers who have signed on to our web site and become part of the world of [crlaurence.com](http://crlaurence.com).

## User's Guide Menu to CRL Online (Cat. No. UG08)

- How to Create a User Name and Password
- How to Sign In and Recover Your Information
- How to Search for Products
- How to Check Prices
- How to Check Stock
- How to Place an Order
- How to Request a Quote
- How to Request Product Data Sheets
- How to Pay Your Statement Online
- How to Contact

The User's Guide Menu is easy to learn and a quick way to locate necessary information. We've written step-by-step instructions to help you navigate through our Online Catalog. Ask for your free copy today!





## C.R. Laurence is a Catalog Company

- Master and Specialty Catalogs in Print, on CD-ROM, and Online
- Thousands of Products Presented in an Organized Manner
- Color Photos and Detailed Illustrations
- Easy to Understand Ordering Information

Of all the products we bring you, our catalogs may be the most important. C.R. Laurence is in the business of making catalogs because we know that the most efficient way for our customers to shop at CRL is through carefully planned and thoroughly prepared catalogs that make it easy for them to find exactly what they need.



Part of our catalog philosophy is to bring more of the information you need, and not overburden you with excess catalog literature. That is why we make our Master Catalogs that usually contain all of the products we offer to certain industries, as well as our Specialty Catalogs that focus on particular product groups. You can select CRL Catalogs for only the areas that pertain to your business, or choose to shop from our Master Catalogs because you like the convenience of finding such a wide variety of products all under one cover.

Each of our six Master Catalogs focus on one specific portion of our business, and are a compilation of the tools and supplies relating to each:

- **23 FRAMELESS SHOWER DOOR HARDWARE**
- **43 AUTO GLASS TOOLS AND WINDOWS**
- **53 GLASS AND GLAZING HARDWARE**
- **63 ARCHITECTURAL HARDWARE**
- **73 TOOLS, SEALANTS, ADHESIVES, AND FASTENERS**
- **83 WINDOW AND DOOR REPLACEMENT HARDWARE**

## Free CRL Catalogs Online

You can also view or download CRL Catalogs free of charge any time at [crlaurence.com](http://crlaurence.com). Go to the Home Page and click on the button for the CRL Catalog Library.



Once you open the page you'll be able to view full PDF versions of each catalog simply by clicking on the image of that catalog's cover. Browse through them page by page at your convenience. When you find a product that you want more information for, or would like to order, just click on its Catalog Number and you'll go directly to that product's Offer Page. It's another convenient way for you to shop at [crlaurence.com](http://crlaurence.com).



## C.R. Laurence Catalog Policy

### NORTH AMERICAN BUSINESSES

Businesses who wish to open a new account with CRL can use a valid major bankcard to purchase any CRL Master Catalog for \$40.00, plus the cost of shipping. New accounts must use a valid major bankcard to purchase a CRL Catalog, as no C.O.D. orders will be allowed. Current accounts in good standing who have done at least \$500.00 in business with CRL in the past fiscal year will receive a CRL Master Catalog relating to their type of business free of charge whenever it is published. When their annual purchases surpass \$2,000.00 these same accounts can request any CRL Master Catalog to be shipped free of charge with their next order.

C.R. Laurence Company is a Business-To-Business manufacturer and distributor, and we have a Catalog Policy that we believe is fair to all businesses.

### OVERSEAS BUSINESSES

Overseas businesses can open a new account with CRL by using a valid major bankcard payable in U.S. funds to purchase any CRL Master Catalog for \$40.00, plus the cost of postage. New accounts must use a valid major bankcard payable in U.S. funds to purchase a CRL Catalog, as no C.O.D. orders will be allowed. Current overseas accounts in good standing who have done at least \$500.00 in business with CRL in the past fiscal year can request a CRL Master Catalog relating to their type of business to be included free of charge with their next order. When their annual purchases surpass \$2,000.00 these same accounts can request any CRL Master Catalog to be included free of charge with their next order.

## CRL Specialty Catalogs

- Full Color Catalogs Showcasing Specific Product Lines
- Great for Customer Presentations

CRL Specialty Catalogs are available for some of our major product lines. Each catalog is presented in full color, and contains descriptive and informative specifications that will assist your field sales and estimating staff in the selection of the right product to satisfy your customer's needs. We invite you to contact CRL Customer Service by phone, fax, mail or e-mail. You can order them separately, or add them to your regular product orders. You can also view them over the Internet, or download them to your computer, when you log onto our web site at [crlaurence.com](http://crlaurence.com).



CRL is your source for the largest selection of Frameless Shower Door Hardware and Supplies. See it all, with photos of finished installations, in this informative catalog.

**ASK FOR CATALOG SD08**



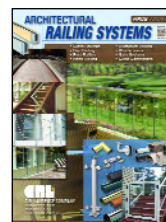
Our Hospitality and Service Hardware Catalog introduces CRL's expanded line of Standoffs, Swivel Fittings, Partition Posts, Sneeze Guards, and Glass Barrier Hardware.

**ASK FOR CATALOG HS07**



Our Architectural Hardware Catalog features our expanded selection of architectural metal and glass hardware for the construction of 'all-glass' entrances in commercial office buildings and storefronts. There are photos of finished projects, as well as helpful technical data.

**ASK FOR CATALOG AH07**



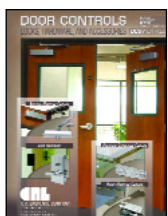
CRL offers the largest selection of Architectural Railing Systems. See them all, plus beautiful photographs of finished installations, in our Railing Systems Catalog.

**ASK FOR CATALOG HR09**



See the latest in top quality Column Covers (Cladding), Wall Panels, Canopies, Sunshades, and Awnings. There are photos of finished projects as well as helpful technical data.

**ASK FOR CATALOG AM09**



Our line of Door Closers and related Door Control Hardware can be found in this full color catalog. Specifications and ordering information make it easy for you to select the right product every time.

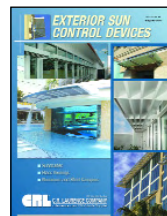
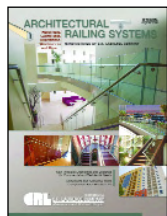
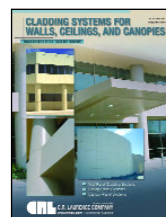
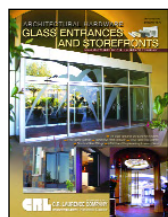
**ASK FOR CATALOG DC07**



Our Truck and Van Accents Catalog details the CRL automotive product line of quality truck sliders, sunroofs, van windows, and other automotive accessories.

**ASK FOR CATALOG TV03**

## CRL Products are Also Featured in the Sweet's Catalog



Contact us for free copies of Sweets Buylines inserts. You can also view them over the Internet, or download them from our web site at [crlaurence.com](http://crlaurence.com).

## CRL Catalog Organizers

- Keeps Your CRL Catalogs Organized and Standing Upright for Quick and Easy Reference
- Fits Both Hard and Soft Cover CRL Catalogs

CRL Catalog Organizers are perfect for keeping your CRL Catalogs neat and organized. Available in 3" and 6" (76 and 152 mm) widths, the Organizers work with both CRL soft cover Specialty Catalogs as well as CRL hard cover Master Catalogs. These sturdy, black color Organizers are packed six per carton.

**new**



**CAT. NO  
CH3**



**CAT. NO  
CH6**

LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA | T303





## CRL Serves the World With Ever-Improving Service Capabilities From Three Continents

### • North America • Australia • Europe

C.R. Laurence has served customers worldwide for decades, offering a full range of products and services unmatched by any other supplier in the glass industry. In this time we've prospered as a company because we've followed a path of innovation and growth, always seeking new ways to expand our service capabilities.

## Communicating

Major advancements in the world of communications have made much of this possible. We've always been among the first to introduce new ways of reaching our customers, and in return, have made it easier for them to do business with us.

C.R. Laurence was the first in our industry to offer toll free telephone ordering. For over thirty years our customers have been able to call our 1-800 number to place orders, ask questions about products, get prices, and communicate with us without it costing them a cent.

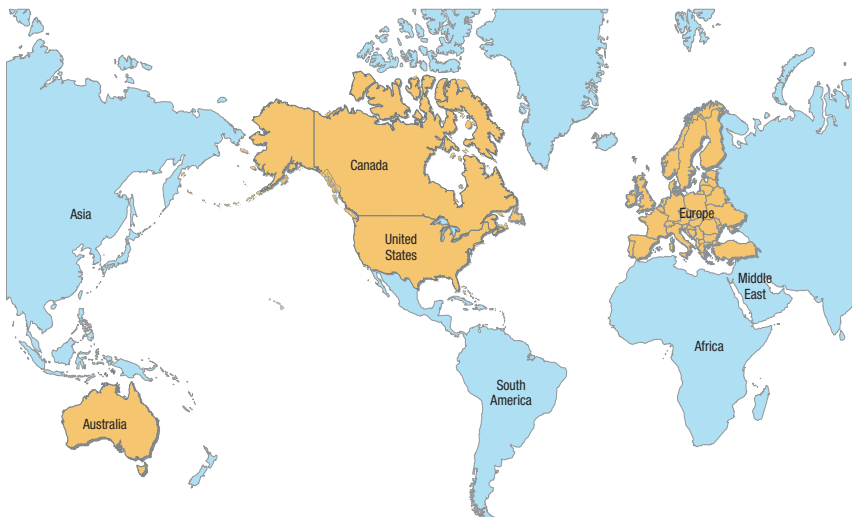
In the early '80's we added toll free fax ordering, making it possible for our customers to fax their purchase orders, parts lists, shop drawings and the like directly to our Customer Service Department at CRL Corporate Headquarters. It was during this time that we also introduced CRL FastFax, providing customers instant notification that their orders had been shipped.

One of our most important advances was the installation of the CRL Computer System in 1978. The power of our abilities multiplied many times when we went 'online' because we were better able to track inventory levels throughout our distribution network, and better able to process your orders quickly and more accurately. The ongoing evolution of the CRL Computer System now includes our Internet and fax servers, which empowers us to offer our customers ever-improving service at every step in the process, from order entry through shipping and billing.

Some say our most important communications advancement was our entry into the business of Electronic Commerce with the introduction of the CRL web site in 1997. What was once a fledgling effort has blossomed into a full service web site featuring information regarding all of the products and services CRL has to offer. Customers who use [crlaurence.com](http://crlaurence.com) find an enlightening and comprehensive web site that is constantly improving with the addition of new features that make it quicker and easier to use.

C.R. Laurence makes a serious effort to promote ever-improving service by making the investments required to improve communications at every level. We want your business dealings with CRL to be simple, clear, and convenient. If you feel that we can improve communications at any level, we would like to hear from you. To submit comments, go to [crlaurence.com](http://crlaurence.com) and click on Contact Us, then click on Web Comments.

## C.R. Laurence Customer Services



## Building A Network

To provide the ever-improving service level we strive for has meant bringing CRL to our customers. From a single Los Angeles, California location we have grown to a network of distribution warehouses that puts us within two days ground shipping service to over 90 percent of our customers in North America.

Each of our distribution warehouses are connected to Corporate Headquarters through our computer system, which monitors and updates inventory levels with the arrival of each new delivery truck and the shipment of each customer order. Every warehouse receives fresh inventory each week through our Inter-Branch Transfer System so stock levels can remain high. This improves the percentage of your orders we can ship complete, and usually on the same day we receive them.

Another advantage of having regionally located warehouses in or near major metropolitan areas is the opportunity to serve our customers in person. Each CRL location has a Will Call Department open six days a week. For directions to CRL locations, go to the [crlaurence.com](http://crlaurence.com) home page, point to General Information, and then click on About CRL. The pop-up menu will give you a selection for Distribution Locations.

And in order to provide ever-improving service the CRL network of distribution warehouses will continue to grow. In recent years CRL service has come to Australia and Europe with the opening of locations to serve customers on these continents. New or enlarged locations are planned for metropolitan areas throughout the U.S. With the opening of each new facility, we make getting what you want from CRL faster and easier.

## Investing In People To Serve You

The best way we can serve you is to have capable people available to answer your questions, take and expedite your orders, suggest solutions to problems you may be having with a job, or to assist you in any manner we can. We maintain ongoing training programs so that the CRL people who serve you will have at their command the resources to make your business transactions with us a pleasant experience.

## C.R. Laurence Canada [crlaurence.ca](http://crlaurence.ca)

C.R. Laurence Canada operates from four major metropolitan locations across Canada to bring our customers fast and efficient service coast-to-coast. We are an ISO-9001:2000 certified company that follows internationally recognized standards for service excellence.

All CRL Canada locations utilize modern materials handling technology, and inventories are refreshed weekly in all warehouses. We do everything possible to assure that your orders can be shipped quickly and correctly.

Whenever you use our toll free telephone (800) 421-6144 and fax (800) 262-3299 numbers you are connected to the CRL Canada location that serves you, and not a centralized call center thousands of miles away. The people you talk to are also the people who process and ship your orders. Each location also offers Will Call service Monday through Saturday.

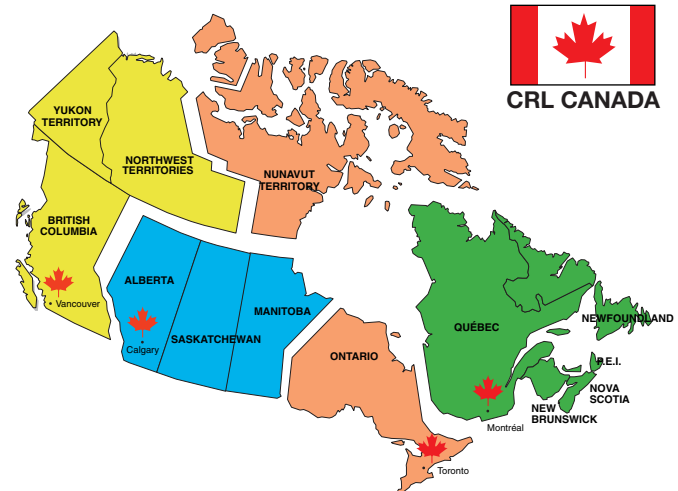
French speaking customers can use our multilingual Internet site to enjoy complete access to all CRL services. You can search in English, or computer-generated French, Spanish, and German. We also post our monthly promotions online in both English and French so that everyone can take advantage of the special savings we offer monthly.

The most thorough resource of all CRL products and services is [crlaurence.ca](http://crlaurence.ca). Here you will find all that CRL Canada has to offer, organized in a simple to use format. Take your time to browse through the site, or to build an order. You can do it all at your pace, 24 hours a day. You can also check your account history and make payments. No other supplier in the glass industry has anything like it.

We welcome the opportunity to serve you, and hope you will make CRL Canada your supplier of choice.

## Four Locations to Serve All of Canada From Coast-to-Coast

For contact information on all CRL Canada locations go to [crlaurence.ca](http://crlaurence.ca) and click on the Contact Us button in the Home Page Navigation Bar.



All transactions between CRL Canada and our customers are conducted in Canadian Dollars. This includes all prices shown on our web site, on quotes, orders, and invoices, whether the product originates from one of our facilities, or are imported from manufacturers in the United States or overseas. For current pricing, call us toll free at (800) 421-6144, or log on to the CRL Web Site at [crlaurence.ca](http://crlaurence.ca).

## C.R. Laurence Australia

[crlaurence.com.au](http://crlaurence.com.au)

C.R. Laurence Australia serves Australia coast-to-coast with quality CRL products and services. For complete information about ordering or receiving a quote, contact CRL Australia online at [crlaurence.com.au](http://crlaurence.com.au).

All transactions between CRL of Australia and our customers are conducted in Australian Dollars. This includes all prices shown on our web site, on quotes, orders, and invoices, whether the product originates from our warehouse, or is imported from overseas. For current pricing, please call or fax us, or log on to [crlaurence.com.au](http://crlaurence.com.au).

## C.R. Laurence of Europe

[crlaurence.com](http://crlaurence.com)

C.R. Laurence of Europe serves the European Union with quality products and services from our location near Stuttgart, Germany. For complete information about ordering or receiving a quote, contact CRL of Europe online at [crlaurence.com](http://crlaurence.com).

All transactions between CRL of Europe and our customers are conducted in Euros. For current pricing, please call or fax us. Log on to [crlaurence.com](http://crlaurence.com) for phone and fax numbers for C.R. Laurence of Europe.



## Customer Service Order Desk

- Get Product Information
- Request Price Quotes
- Check Stock Availability
- Place or Trace Orders
- Check Your Account Status

Customer Service / Order Desk hours are 6 am to 5 pm (Pacific Time)  
Monday through Friday, and 7 am to 12 pm Saturday. If you wish to pick  
up your order at the Will Call counter of our regional warehouses the hours  
are 8 am to 5 pm Monday through Friday, and 8 am to 12 pm Saturday.  
For the fastest Will Call service be sure to place your order in advance  
so we can have it ready upon your arrival.

Ask for Extension

# 5275

Direct Fax  
(800) 262-3299

Direct E-Mail  
[crl@crlaurence.com](mailto:crl@crlaurence.com)



CRL53



CRL63



CRL23



CRL73



CRL83



CRL43

## Technical Sales Business Groups

### Transaction and Security

- Drive-Thru and Walk-Up Windows
- Bullet Resistant Exchange Windows
- Ticket and Cashier Windows
- Cash Tray and Deal Drawers
- Speak-Thru Devices
- Safety and Security Mirrors

Ask for Extension

# 7760

Direct Fax (800) 458-7496

Direct E-Mail [transaction@crlaurence.com](mailto:transaction@crlaurence.com)



TH10

### Architectural Railings

- Aluminum Railing Systems
- Cap Railing Systems
- Hand Railing Systems
- Post Railing Systems
- Windscreen and Gate Systems
- Heavy Glass Base Shoe

Ask for Extension

# 7730

Direct Fax (800) 587-7501

Direct E-Mail [railings@crlaurence.com](mailto:railings@crlaurence.com)



HR09

### Architectural Hardware

- Architectural Storefronts
- 'All-Glass' Entrance Systems
- Door and Sidelite Rails
- Glass Walls and Partitions
- Structural Glass Fittings
- Door Controls

Ask for Extension

# 7700

Direct Fax (800) 587-7501

Direct E-Mail [architectural@crlaurence.com](mailto:architectural@crlaurence.com)



CRL63

## Online Assistance by Telephone:

United States (800) 421-6144

Canada (877) 421-6144

International (323) 588-1281

Ask for Extension

# 6200

## Technical Sales Business Groups

### Frameless Shower Door

- Hinges and Clamps
- Knobs and Pull Handles
- Towel and Grab Bars
- Sliding Shower Enclosures
- Vanity and Wardrobe Mirrors

Ask for Extension

# 7740

Direct Fax (800) 458-7496

Direct E-Mail [showers@crlaurence.com](mailto:showers@crlaurence.com)

CRL23



### Glass and Glazing

- Mirror and Glass Hardware
- Door and Window Hardware
- Retail Display Hardware, and Standoffs
- Glazier's Tools and Machinery
- Sealants, Adhesives, and Fasteners

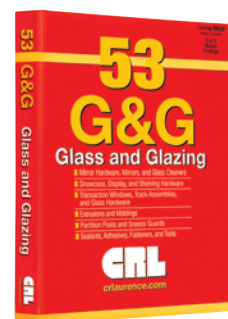
Ask for Extension

# 7720

Direct Fax (800) 587-7501

Direct E-Mail [glazing@crlaurence.com](mailto:glazing@crlaurence.com)

CRL53



### Hospitality and Service

- Partition Posts and Booth Dividers
- Food Service Sneeze Guards
- Tray Slide Hardware
- Menu Boards
- Bar Fixtures

Ask for Extension

# 7760

Direct Fax (800) 458-7496

Direct E-Mail [hospitality@crlaurence.com](mailto:hospitality@crlaurence.com)

HS07



### Architectural and Ornamental Metals

- Clad Entrances and Storefronts
- Canopies and Sunshades
- Metal Wall Panels
- Column Covers (Cladding)
- Ornamental Hand and Guard Rails
- Break Shaped Metals

Ask for Extension

# 7770

Direct Fax (866) 921-0532

Direct E-Mail [archmetals@crlaurence.com](mailto:archmetals@crlaurence.com)

AM09



### Automotive

- Truck Sliding Rear Windows
- Pop-Up and Electric Sunroofs
- Van and RV Windows
- Auto Glass Shop Products
- Auto Glass Tools

Ask for Extension

# 7780

Direct Fax (800) 587-7501

Direct E-Mail [automotive@crlaurence.com](mailto:automotive@crlaurence.com)

CRL43



## Online Assistance by E-Mail: [askus@crlaurence.com](mailto:askus@crlaurence.com)

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Supplying the World With Glazing, Railing, Architectural,  
Construction, Industrial, and Automotive Supplies

C.R. Laurence Co., Inc. An ISO9001:2000 Company

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**C.R. Laurence Co., Inc.**

2503 E. Vernon Ave.

Los Angeles, California 90058-1897

Toll Free Phone (800) 421-6144

Toll Free Fax (800) 262-3299

International Phone (323) 588-1281

International Fax (323) 581-6522



### Send E-Mail To Customer Service

You've looked through our catalog and tried the A-Z Index on our web site, and still couldn't find what you were looking for? Don't give up, just ask us for assistance by e-mail. Go to the [crlaurence.com](http://crlaurence.com) home page and click on Contact Us. Then click on Customer Service to tell us what it is you are looking for. Our Customer Service Department will respond with an answer, usually within one hour if you contact us during normal business hours. Any extra information (drawings, photos, dimensions, etc.) you can include in your e-mail is always appreciated. We will do our best to help you because your satisfaction is our goal.



### Call Us Toll Free At (800) 421-6144

There's a friendly and helpful voice to help with your product inquiries whenever you call us toll free at **(800) 421-6144** from anywhere in the United States or Canada. Please ask for Customer Service and let us know what you are looking for, how many you need, and when you need them. We're experts at searching available sources worldwide. The experience gained by decades of service affords us the ability to serve you in more ways than you might realize. In Australia our number is **1800-424-275**.



### Fax Us Toll Free At (800) 262-3299

They say a picture is worth a thousand words, and when you send us a fax describing what you need it makes it that much easier to serve you. CRL offers toll free fax service from anywhere in the United States and Canada. Just dial **(800) 262-3299**, and address your request to CRL Customer Service. Make sure to include your name and return telephone number. We'll be in touch shortly with an answer. Our fax number in Australia is **1800-813-013**.

## CRL Web Quotes

CRL sells over 50,000 products. Many of them are custom made to your specifications and in order to get pricing a quote must be done. Items that can be quoted in this area range from: Service and Transaction Windows; Door Rails; Custom Door Handles; Shower Door Hardware; Mirror Frames; Showcases; Partition Posts; and much more. Quotes can also be requested on large quantities of stock items that are above and beyond our normal price breaks.

Simply click on the "Request a Quote" link from the [crlaurence.com](http://crlaurence.com) web site, and follow the instructions. It's that easy.



LOG ON TO [crlaurence.com](http://crlaurence.com) FOR BUSINESS-TO-BUSINESS SERVICES

T308 | PHONE (800) 421-6144 | FAX (800) 262-3299 TOLL FREE FROM ANYWHERE IN THE U.S.A. OR CANADA

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