# STANDOFF
## AND CLAMP HARDWARE

An ISO9001:2008 Certified Company

# C.R. LAURENCE COMPANY

**Worldwide Manufacturer and Supplier**

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

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**U.S ALUMINUM**

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# WHAT'S **NEW!** IN THIS CATALOG

We encourage you to review all products that feature the **NEW!** icon. These products are either completely new or have improved features that are being offered for the first time. You will also find that several of our products are now available in a larger variety of stock finishes. So be on the lookout for the **NEW!** icon throughout this catalog.

## SINGLE SIDED ADJUSTABLE EDGE GRIPS
- Adjustable for Panel Thicknesses from 1/8" to 1/2" (3 to 12 mm)
- Available in Round and Square Cap and Polished 316 Stainless Steel
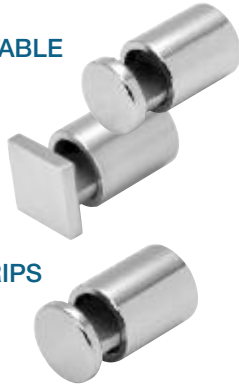
## DOUBLE SIDED ADJUSTABLE EDGE GRIPS
- Adjustable for Panel Thicknesses from 1/8" to 1/2" (3 to 12 mm)
- Available in Brushed and Polished 316 Stainless Steel
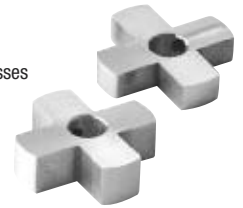
See Page 29SC

## HEX HEAD CAPS
- 1" and 1-1/4" (25.4 and 31.7 mm) Diameters
- Use with 4-Way Hubs for Multi-Panel Installation

## 4-WAY HUBS
- Hubs Accommodate Panel Thicknesses of 1/4" and 3/8" (6 and 10 mm)
- Ideal for Mounting Decorative Panels or Signage

See Page 30SC

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# Three Easy Ways to Find Products Online

## THE GATEWAY TO crlaurence.com

You are holding the SC18 Standoff and Clamp Hardware Catalog. It has been designed to work hand-in-hand with **crlaurence.com**. Our web site is the essential counterpart to this book, and below will show you exactly how to use the two together.

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

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

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## Product Number  **1**

Throughout the book you'll find product numbers next to products and in product charts (appears as "**CAT. NO.**"). Enter this number into the **crlaurence.com** search box and click "**Search**" to view complete product info, pricing, availability, additional finishes/sizes, details, and related items.
**Hint:** If viewing Catalog Pages online, simply Click on the Catalog Number.

## Keyword Search  **3**

The bottom left of each page lists unique search keywords to provide quick navigation once you're already at **crlaurence.com**. Type the keyword(s) into the **crlaurence.com** search box and click "**Search**" to be presented with a complete selection of products related to the catalog page you're on.
**Tip:** Be sure to enter the text exactly as it appears on the page (including any hyphens).
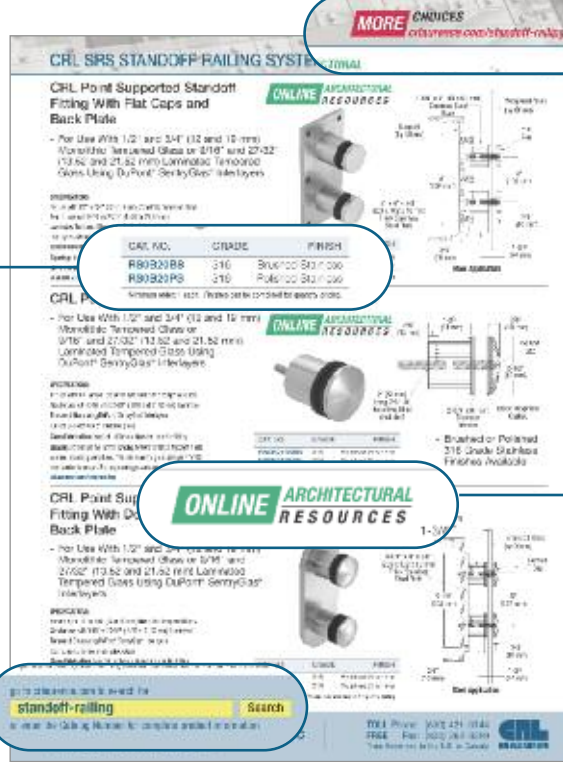
## Shortcuts  **2**

The top right of each catalog page has a shortcut URL (web address) that relates to the products on the catalog page you're looking at. Simply type the string of text beginning with **crlaurence.com** into your web browser's address bar and you'll jump to that specific expanded product offering on **crlaurence.com**.
**Hint:** If viewing Catalog Pages online, simply Click on "More Choices" Icon for related and expanded product offerings.

## ● Online Resources

When this Icon appears on a Product Page, it let's you know that more information is available from the Product Offer Page at **crlaurence.com**, such as MSDS, Technical Drawings, Spec Data, and 3-Part Specs.
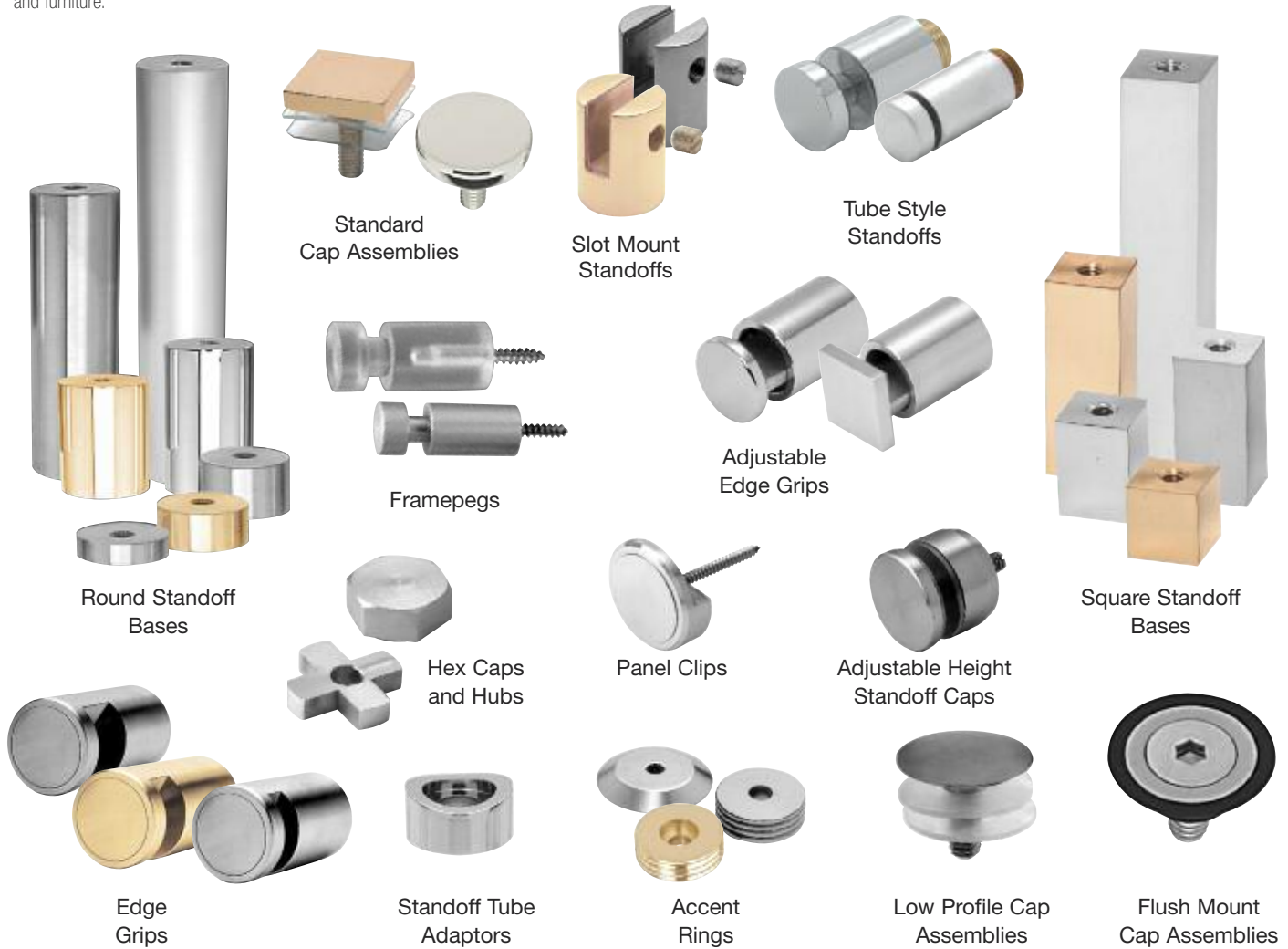
**Tip:** If viewing Catalog Pages online, Simply click on **"Online Architectural Resources"** Icon. Click on **"Online Installation Resources"** Icon for Installation Instructions and/or Fabrication Information.

## CRL Standoff and Glass Connection Systems

### CRL's Family of Standoff Products Can Be Used Independently or Together to Create Unique Designs
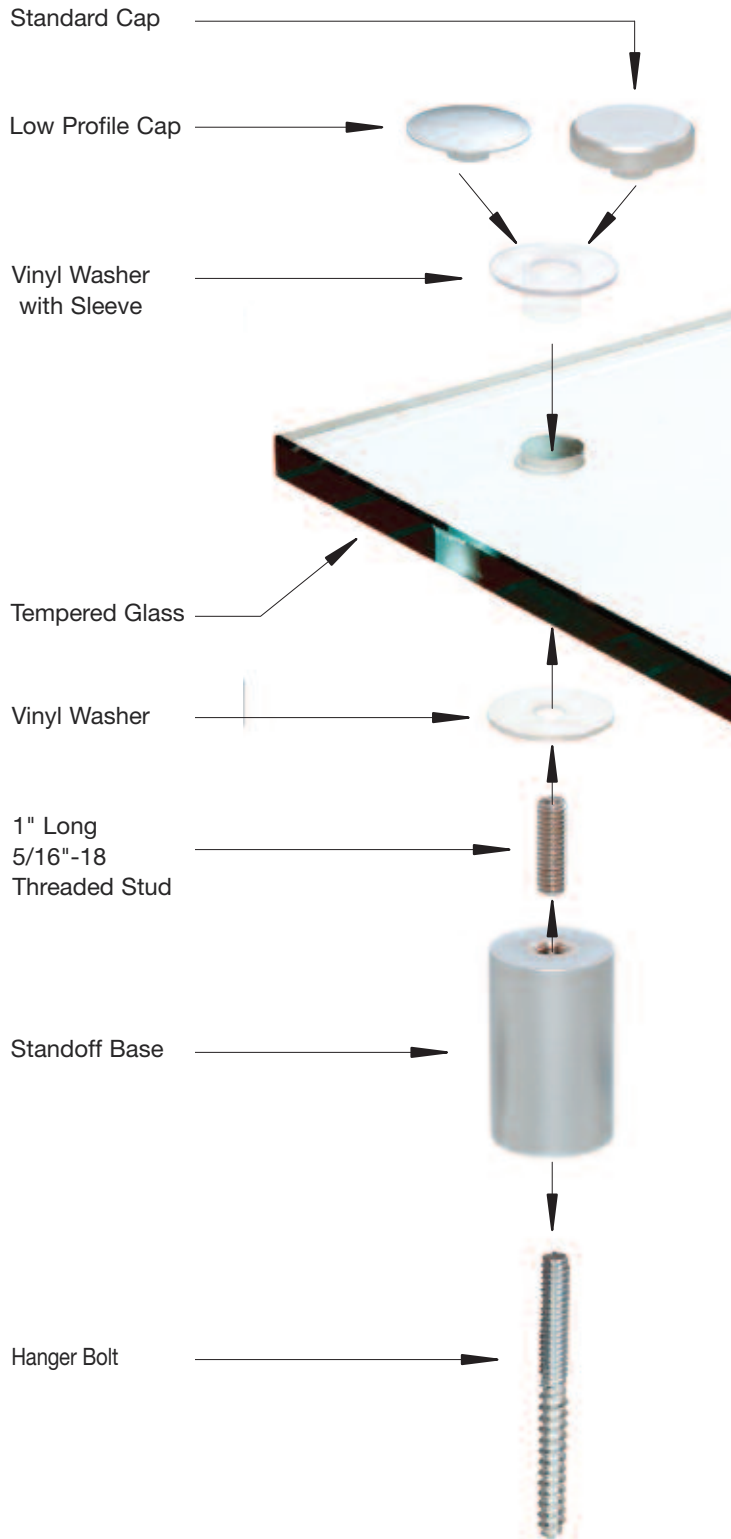
C.R. Laurence has more than Standoffs. We offer a complete family of Standoff related products. From our standard line of Round and Square Standoffs, to Custom Standoffs, Cap Assemblies, Tube Style Standoffs, Edge Grips, Slot Mount Standoffs, Accent Rings, Swivel Fittings, Framepegs, and Mounting Hardware, CRL has everything you will need to create innovative designs in architecture, store fixtures, signage, and furniture.

CRL's Standoff Display System provides architects and designers unlimited resources for retail store, commercial or restaurant applications. Most are available in Chrome,, Brass, Brushed Stainless, Satin Chrome, and Gun Metal finishes. The following pages will provide the information you will require to select the perfect Standoff products for your project.

Standard Cap Assemblies

Slot Mount Standoffs

Tube Style Standoffs

Framepegs

Adjustable Edge Grips

Square Standoff Bases

Round Standoff Bases

Hex Caps and Hubs

Panel Clips

Adjustable Height Standoff Caps

Edge Grips

Standoff Tube Adaptors

Accent Rings

Low Profile Cap Assemblies

Flush Mount Cap Assemblies

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# What Are Some of the Applications for CRL Standoff Systems?

- Typical Installation for 1-1/4" (31.7 mm) Diameter Standoff Base and Cap

Standard Cap

Low Profile Cap

Vinyl Washer with Sleeve

Tempered Glass

Vinyl Washer

1" Long 5/16"-18 Threaded Stud

Standoff Base

Hanger Bolt

Standoffs and Cap Assemblies are used to create innovative designs in commercial, retail or residential environments by combining glass and metal to connect panels, display merchandise, to mount signage or artwork to a wall, or to build unique displays. Standoffs can also be used to elevate a glass top above a reception desk, cocktail or lamp table, kitchen counter or bathroom sink. The uses for CRL Standoffs are virtually limitless.

## Which CRL Standoff System Should I Use?

CRL provides the most diverse selection of Standoff products available anywhere. Our 1/2" (12.7 mm) diameter Standoffs are a favorite for lighter weight glass displays or signage.  3/4" and 1" (19 and 25 mm) diameter Standoffs are the perfect design element for industrial projects such as exhibit building or retail display projects. CRL's 1-1/4" to 2" (31.7 to 50.8 mm) diameter Standoffs are designed to provide solutions for a vast variety of projects. Used to support heavier thicknesses of glass, the applications for this product are only limited by your imagination.

## CRL Custom Standoff Capabilities

CRL Custom Standoffs and Cap Assemblies are available in diameters and squares from 1/2" to 4" (12.7 to 102 mm), and in many popular finishes, including powder coating. Fabricated in CRL's California manufacturing facility, most Custom Standoff products are produced to your specifications and have short lead times. Refer to page 23SC for specific product information.

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

**USE MONOLITHIC TEMPERED GLASS**

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## CRL 1/2" (12.7 mm) Diameter Standoff System

- Available in Two Distinct 316 Stainless Steel Finishes to Accommodate Any Project Requirement
- Accomplish Your Design Objective by Selecting Any of Six Different Lengths

**USE MONOLITHIC TEMPERED GLASS**

An assortment of lengths makes our 1/2" (12.7 mm) Standoff Base and Cap Assemblies the ideal solution for lighter weight glass displays or signage. Panels require 5/16" (8 mm) holes for assembly. Available finishes are Brushed Stainless and Polished Stainless.

NOTE: 1/2" (12.7 mm) Diameter Standoff Bases do not have internal threads. Attach Allen Screw, Hanger Bolt or Threaded Rod directly to the Cap Assembly for anchoring to substrate.

### CRL 1/2" (12.7 mm) Diameter Standoff Bases

- Six Lengths Available in Two Finishes

1/2" (12.7 mm) Diameter

**ONLINE** *INSTALLATION RESOURCES*

| LENGTH | BRUSHED 316 STAINLESS CAT. NO. | POLISHED 316 STAINLESS CAT. NO. |
|---|---|---|
| 1/4" (6.3 mm) | S0B1214BS | S0B1214PS |
| 1/2" (12.7 mm) | S0B1212BS | S0B1212PS |
| 3/4" (19 mm) | S0B1234BS | S0B1234PS |
| 1" (25.4 mm) | S0B121BS | S0B121PS |
| 1-1/4" (31.7 mm) | S0B12114BS | S0B12114PS |
| 1-1/2" (38.1 mm) | S0B12112BS | S0B12112PS |

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
**NOTE:** Minimum material thickness for use with 1/2" (12.7 mm) Diameter Standoff Bases is 3/16" (4.7 mm).

1/4"  1/2"  3/4"  1"  1-1/4"  1-1/2"

### CRL Cap Assemblies for 1/2" (12.7 mm) Standoffs

**ONLINE** *INSTALLATION RESOURCES*

5/32" (3.9 mm)

Brushed Stainless

Polished Stainless
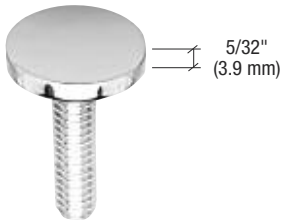
Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

**Cap Assemblies Consist of:**
1 Each 316 Stainless Steel Cap
1 Each Washer with 3/16" (4.7 mm) Diameter Hole (Cat. No. SW012S)
1 Each Washer with 1/4" (6.3 mm) Diameter Hole (Cat. No. SW012L)
1 Each 1-1/2" (38.1 mm) Stainless Steel Allen Screw

**NOTE**: Panels require 5/16" (8 mm) holes for assembly.

| CAT. NO. | FINISH |
|---|---|
| CAP12BS | Brushed 316 Stainless |
| CAP12PS | Polished 316 Stainless |

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

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## CRL 1/2" (12.7 mm) Diameter Standoff Options

Hanger Bolt

Plastic Washer and 1/2" (12.7 mm) Diameter Standoff Base

Plastic Washer

1/2" (12.7 mm) Diameter Cap Assembly

Install Hanger Bolt into stud or wall anchor. Then slip on the non-threaded Standoff Base, Plastic Washer, panel material, Plastic Washer, and attach the Cap.

Tighten Cap down by using CRL Cat. No. 666564 Drill Bit or a 5/64" hex key. Insert into the side hole and tighten until snug. **NOTE:** Do not over tighten.

Nylock Hex Nut

Plastic Washer and 1/2" (12.7 mm) Diameter Standoff Base

Plastic Washer

Threaded Rod

1/2" (12.7 mm) Diameter Cap Assembly

Install Threaded Rod through Plastic Washer, panel material, Plastic Washer, Standoff Base, substrate, and into Hex Nut or Tee Nut. Attach the Cap.

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

## CRL Mounting Accessories for 1/2" (12.7 mm) Diameter Standoffs

Hanger Bolt Drivers make installing Hanger Bolts into wood studs a breeze.

### HANGER BOLT DRIVER

| CAT. NO. | SIZE |
|---|---|
| 165HB1024 | 10-24 |

Minimum order: 1 each.

Hanger Bolts can be used in wood, or with plastic anchors.

### HANGER BOLTS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| HB10241Z | Zinc | 10-24 x 1" (25.4 mm) |
| HB1024112Z | Zinc | 10-24 x 1-1/2" (38.1 mm) |
| HB10242Z | Zinc | 10-24 x 2" (50.8 mm) |
| HB1024212Z | Zinc | 10-24 x 2-1/2" (63.5 mm) |

Minimum order: 10 each. Must be ordered in increments of 10.

Hex Nuts are used with applicable Flat Washers and/or Lock Washers to attach Standoffs, or to reshape threads after cutting Threaded Rod or Allen Screws.

### HEX NUT

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| HN1024S | Stainless | 10-24 |

Minimum order: 10 each. Must be ordered in increments of 10.

Use Flat Washers with Hex Nuts when attaching Standoffs to panels or substrates.

### FLAT WASHER

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| FW10S | Stainless | 10-24 |

Minimum order: 10 each. Must be ordered in increments of 10.

Lock Washers may be used with Hex Nuts for mounting Standoff assemblies.

### LOCK WASHER

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| LW10S | Stainless | 10-24 |

Minimum order: 10 each. Must be ordered in increments of 10.

Nylock Hex Nuts may be used without Locking Washers for attachment to Allen Screws or Threaded Rod for 1/2" (12.7 mm) diameter Standoffs.

### NYLOCK HEX NUT

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| NLN1024S | Stainless | 10-24 |

Minimum order: 10 each. Must be ordered in increments of 10.

Tee Nuts are mainly used in wood or plywood applications where it can be installed on the back side. Accepts Allen Screw or Threaded Rod.

### TEE NUT

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| TN1024Z | Zinc | 10-24 |

Minimum order: 10 each. Must be ordered in increments of 10.

Full 36" (914 mm) lengths of stainless Threaded Rod will permit you to cut Rod to desired length.
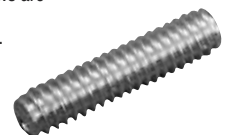
### THREADED ROD

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| TR1024X36S | Stainless | 10-24 x 36" (914 mm) |

Minimum order: 1 each.

Stainless Steel Allen Screws are available in 3/4" (19 mm) and 1" (25.4 mm) lengths.

### ALLEN SCREWS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| AS102434 | Stainless | 10-24 x 3/4" (19 mm) |
| AS10241 | Stainless | 10-24 x 1" (25.4 mm) |

Minimum order: 10 each. Must be ordered in increments of 10.

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## CRL 3/4" (19 mm) Diameter Standoff System

- Available in Many Distinct Finishes to Accommodate Any Project Requirement

- Accomplish Your Design Objective by Choosing Any of Eight Different Lengths

**USE MONOLITHIC TEMPERED GLASS**

**ONLINE** *INSTALLATION* **RESOURCES**

The vast variety of finishes and lengths gives our 3/4" (19 mm) Standoff Base and Cap Assemblies unlimited potential for medium weight glass displays or signage. Panels require 1/2" (12.7 mm) holes for assembly.

Residential Standoff Project Using 3/4" (19 mm) Custom Standoffs

## CRL 3/4" (19 mm) Diameter Standoff Bases

- Popular Decorator Finishes

- 316 Stainless Steel Can Be Used Indoors or Outdoors

- Available in Up to Eight Lengths

- Custom Lengths and Finishes Are Also Available

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

| LENGTH | BRASS CAT. NO. | CHROME CAT. NO. | SATIN CHROME CAT. NO. | BRUSHED 316 STAINLESS CAT. NO. | POLISHED 316 STAINLESS CAT. NO. | GUN METAL CAT. NO. |
|---|---|---|---|---|---|---|
| 1/4" (6.3 mm) | - - - | - - - | - - - | S0B3414BS | S0B3414PS | - - - |
| 1/2" (12.7 mm) | - - - | - - - | - - - | S0B3412BS | S0B3412PS | - - - |
| 3/4" (19 mm) | S0B3434BR | S0B3434CH | S0B3434SC | S0B3434BS | S0B3434PS | S0B3434GM |
| 1" (25.4 mm) | S0B341BR | S0B341CH | S0B341SC | S0B341BS | S0B341PS | S0B341GM |
| 1-1/2" (38.1 mm) | S0B34112BR | S0B34112CH | S0B34112SC | S0B34112BS | S0B34112PS | S0B34112GM |
| 2" (50.8 mm) | S0B342BR | S0B342CH | S0B342SC | S0B342BS | S0B342PS | S0B342GM |
| 4" (101.6 mm) | S0B344BR | S0B344CH | S0B344SC | S0B344BS | S0B344PS | S0B344GM |
| 6" (152.4 mm) | S0B346BR | S0B346CH | S0B346SC | S0B346BS | S0B346PS | S0B346GM |

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
**NOTE:** Minimum material thickness for use with 1/2" (12.7 mm) Diameter Standoff Bases is 3/16" (4.7 mm).

CRL's 3/4" (19 mm) diameter Standoff's are the perfect design element for projects such as retail displays or exhibit building. 3/4" (19 mm) diameter Bases and Cap Assemblies can also be ordered in custom sizes.

3/4" (19 mm) Diameter

1/4"  1/2"  3/4"  1"  1-1/2"  2"  4"  6"

## CRL Cap Assemblies for 3/4" (19 mm) Diameter Standoffs

- Available in Six Popular Finishes

CRL's 3/4" (19 mm) Caps are designed for our 3/4" (19 mm) Standoffs and are supplied with a 1/4"-20 x 1" (25.4 mm) Stainless Steel Allen Screw, one Washer with molded sleeve, and one plain Washer. A hole in the side of the Cap is provided for tightening or loosening the Cap to the Standoff Base. Panels require a 1/2" (12.7 mm) diameter hole for assembly.

**3/4" (19 MM) ROUND CAP ASSEMBLY**

| CAT. NO. | FINISH |
|---|---|
| CAP34BR | Brass |
| CAP34CH | Chrome |
| CAP34SC | Satin Chrome |
| CAP34BS | Brushed 316 Stainless |
| CAP34PS | Polished 316 Stainless |
| CAP34GM | Gun Metal |

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

**ONLINE** *INSTALLATION* **RESOURCES**

**3/4" (19 MM) REPLACEMENT WASHERS**

| CAT. NO. | DESCRIPTION |
|---|---|
| HW058 | Clear Washer |
| HW057 | Clear Washer with Sleeve |

Minimum order: 10 each.

## CRL Low Profile Cap Assemblies

- Recommended for Desktops or Tables Where a Low Profile Design is Preferred

- Matches Our 3/4" (19 mm) Standoff Bases

CRL's Low Profile Cap Assemblies are perfect for applications where a low profile design is both practical and preferred. Supplied with the same components as our Standard Round Cap Assemblies, the Low Profile Caps are tightened by placing a flat neoprene pad on the surface of the Cap, applying pressure and turning until tight. Panels require a 1/2" (12.7 mm) diameter hole for assembly.

**3/4" (19 MM) LOW PROFILE CAP ASSEMBLY**

| CAT. NO. | FINISH |
|---|---|
| LPC34BR | Brass |
| LPC34CH | Chrome |
| LPC34SC | Satin Chrome |
| LPC34BS | Brushed 316 Stainless |
| LPC34PS | Polished 316 Stainless |
| LPC34GM | Gun Metal |

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

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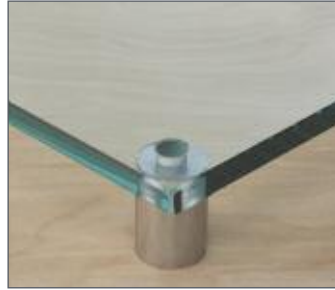From Anywhere in the U.S. or Canada

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## CRL 3/4" (19 mm) Diameter Standoff Installation Steps

Set Fastener to Surface

Thread Base Onto Fastener

Align Glass on Standoff

Tighten Cap with Wrench

**NOTE:** Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

## CRL Stainless Steel Standoff Trim Plates

- Enhance the Beauty of Your Standoff Installations
- For Use With 3/4" or 1" (19 or 25 mm) Diameter Standoffs

CRL's Stainless Steel Trim Plates are ideal for either vertical or horizontal standoff base installations. The 316 alloy stainless steel Trim Plate provides both a decorative and functional transition between the standoff base and substrate by dispersing the weight of the glass over a 1-1/2" (38.1 mm) area to decrease the possibility of drywall indentations. Available in both brushed and polished finishes.

Base and Cap Assembly must be purchased separately

| CAT. NO. | FINISH |
|---|---|
| S0TP1BS | Brushed 316 Stainless |
| S0TP1PS | Polished 316 Stainless |

Minimum order: 1 each. Finishes can be combined for quantity pricing. Standoff Bases are not included.

## CRL Tube Adaptors for 3/4" (19 mm) Diameter Standoffs

CRL Tube Adaptors allow 3/4" (19 mm) Standoff Bases to be attached to 1-1/2" (38.1 mm) or 2" (50.8 mm) Post Tubing. Use a Cat. No. RN1420 Riv-Nut (see page 09SC) for securing the Standoff to the Tubing.

**ONLINE** *INSTALLATION RESOURCES*

Slide on Adaptor Over 1/4" - 20 Allen Screw

Attach Standoff Base

3/8" (9.5 mm)

- Adaptors Fit 1-1/2" (38.1 mm) and 2" (50.8 mm) Tubing

| ADAPTOR FOR 1-1/2" TUBING CAT. NO. | ADAPTOR FOR 2" TUBING CAT. NO. | FINISH |
|---|---|---|
| 3STA112BR | 3STA2BR | Brass |
| 3STA112CH | 3STA2CH | Chrome |
| 3STA112BS | 3STA2BS | Brushed 316 Stainless |
| 3STA112SC | 3STA2SC | Satin Chrome |

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

## CRL Accent Rings for 3/4" (19 mm) Diameter Standoffs

- Add a Decorative Accent to Signage or Display Standoffs
- Available in Chrome and Brass

CRL 3/4" (19 mm) Diameter Accent Rings are designed to be used with our 3/4" (19 mm) Diameter Standoff components. The Accent Rings can be placed either between the Standoff Cap and panel, or between the Standoff Base and panel to create an exciting and decorative new look to your signage or display project. Available in both Chrome and Brass finishes, our Accent Rings are most noticeable when mixed with other finishes such as a Brass Accent Ring with a Gun Metal Cap and Base, or a Chrome Accent Ring with a Satin Chrome Cap and Base. Just "mix and match" to obtain the look you want.

3/16" (4.7 mm)
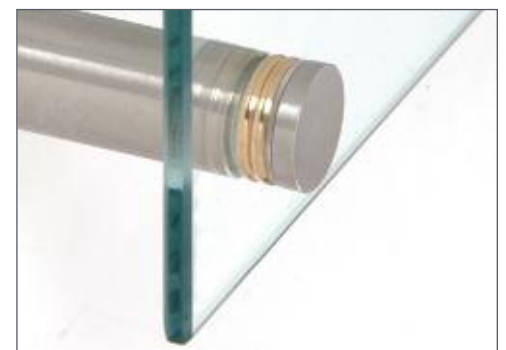
| CAT. NO. | FINISH |
|---|---|
| AR34CH | Chrome |
| AR34BR | Brass |

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

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## CRL 3/4" (19 mm) Square Standoff Assemblies

- Available in Brass, Chrome, and Satin Chrome

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CRL's Square Standoff Assemblies are uniquely designed to provide a different style of mounting hardware. They use the same mounting accessories as our very popular 3/4" (19 mm) diameter Round Standoffs.
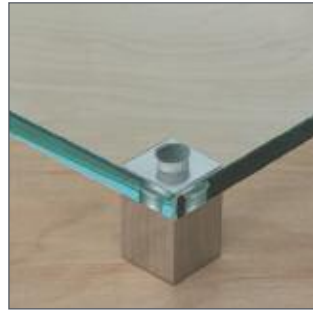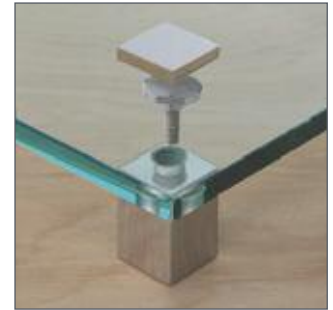
Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

Set Fastener to Surface
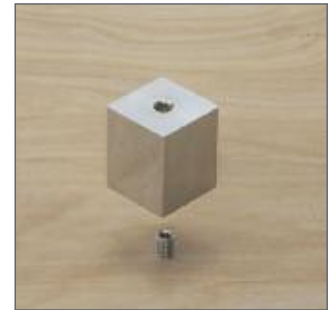
Thread Base Onto Fastener

Align Glass on Standoff

Tighten Secondary Cap and Install Top Cap

## CRL 3/4" (19 mm) Square Standoff Bases
- Three Decorator Finishes

3/4" (19 mm) Square Standoff Bases are designed to be used for medium weight glass displays, exhibit or furniture projects. 3/4" (19 mm) Square Cap Assemblies give this system virtually unlimited potential. Available in standard lengths of 3/4" (19 mm), 1" (25.4 mm), 1-1/2" (38.1 mm), 2" (50.8 mm), and 4" (101.6 mm), Square Standoffs can also be ordered in custom sizes.

**ONLINE** *INSTALLATION RESOURCES*
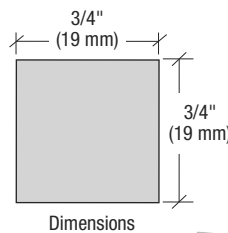
- Available in Five Standard Lengths

3/4" (19 mm) x 3/4" (19 mm) Dimensions

| LENGTH | BRASS CAT. NO. | CHROME CAT. NO. | SATIN CHROME CAT. NO. |
|---|---|---|---|
| 3/4" (19 mm) | SQ7575BR | SQ7575CH | SQ7575SC |
| 1" (25.4 mm) | SQ751BR | SQ751CH | SQ751SC |
| 1-1/2" (38.1 mm) | SQ75112BR | SQ75112CH | SQ75112SC |
| 2" (50.8 mm) | SQ752BR | SQ752CH | SQ752SC |
| 4" (101.6 mm) | SQ754BR | SQ754CH | SQ754SC |

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
**NOTE:** Minimum material thickness for use with 3/4" (19 mm) Square Standoff Bases is 3/16" (4.7 mm).

3/4"   1"   1-1/2"   2"   4"

## CRL 3/4" (19 mm) Square Cap Assemblies
- Available in Finishes to Match Our Square Bases

1/4" (6.3 mm)

CRL's Square Standoff Cap Assemblies are easily installed and aligned with the Square Standoff Bases due to our exclusive design. The secondary cap, with removable Allen screw, has two flat sides which are used to secure the cap to the panel material. When firmly in place, the top cap is placed over the secondary cap, then aligned with the square base and held in position with undetectable double-sided tape. With this design there is no "adjustment" or "trial-and-error" required to line up the cap with the base. **NOTE:** Panels require 9/16" (14 mm) diameter holes for assembly.

**ONLINE** *INSTALLATION RESOURCES*
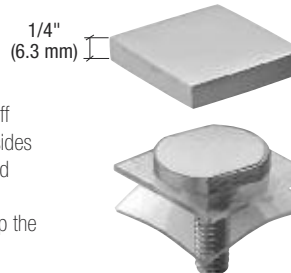
**SQUARE CAP ASSEMBLIES**

| CAT. NO. | FINISH |
|---|---|
| SCAP75BR | Brass |
| SCAP75CH | Chrome |
| SCAP75SC | Satin Chrome |

Minimum order: 1 each. Finishes can be combined for quantity pricing.
**NOTE:** Mounting accessories for 3/4" (19 mm) Square Standoffs are shown on page 09SC.

**REPLACEMENT PARTS**

| CAT. NO. | DESCRIPTION |
|---|---|
| HW060 | Washer with Sleeve |
| HW061 | Flat Washer |
| AS141 | 1" (25.4 mm) Allen Screw |

Minimum order: 10 each. Must be ordered in increments of 10.

go to crlaurence.com to search for **standoffs** [Search]   **08SC**   or enter the Catalog Number for complete product information

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## CRL Standoff System Accessories and Mounting Hardware for 3/4" (19 mm) Standoffs

Hex Nuts are used with applicable Flat Washers and/or Lock Washers to attach Standoffs, or to reshape threads after cutting Threaded Rod or Allen Screws.

**HEX NUTS**

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| HN1420S | Stainless | 1/4"-20 |
| HN1420Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

Nylock Hex Nuts may be used without Locking Washers for attachment to Allen Screws or Threaded Rod for 3/4" (19 mm) diameter Standoffs.

**NYLOCK HEX NUTS**

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| NLN1420S | Stainless | 1/4"-20 |
| NLN1420Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

Use Flat Washers with Hex Nuts when attaching Standoffs to panels or substrates. Available in two finishes.

**FLAT WASHERS**

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| FW14S | Stainless | 1/4"-20 |
| FW14Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

Lock Washers may be used with Hex Nuts for mounting Standoff assemblies.

**LOCK WASHERS**

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| LW14S | Stainless | 1/4"-20 |
| LW14Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

Tee Nut is mainly used in wood or plywood applications where it can be installed on the back side. Accepts Allen Screw or Threaded Rod.

**TEE NUT**

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| TN1420Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

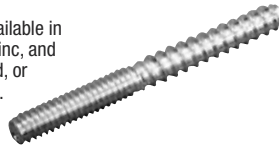Hanger Bolt Drivers make installing Hanger Bolts into wood studs a breeze.

**HANGER BOLT DRIVER**

| CAT. NO. | SIZE |
|---|---|
| 165HB416 | 1/4"-20 |

Minimum order: 1 each.

Hanger Bolts are available in both stainless and zinc, and can be used in wood, or with plastic anchors.
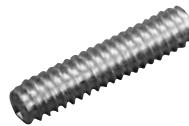
**HANGER BOLTS**

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| HB14112S | Stainless | 1/4"-20 x 1-1/2" (38.1 mm) |
| HB14112Z | Zinc | 1/4"-20 x 1-1/2" (38.1 mm) |
| HB14212S | Stainless | 1/4"-20 x 2-1/2" (63.5 mm) |
| HB14212Z | Zinc | 1/4"-20 x 2-1/2" (63.5 mm) |

Minimum order: 1 each for Stainless; 10 each for Zinc.

Stainless Steel Allen Screws are available in incremental lengths from 3/4" (19 mm) to 2" (50.8 mm) for 3/4" (19 mm) diameter Standoffs.
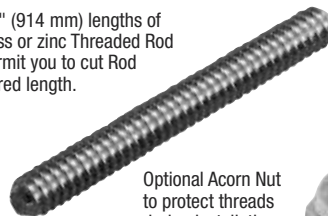
**ALLEN SCREWS**

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| AS1434 | Stainless | 1/4"-20 x 3/4" (19 mm) |
| AS141 | Stainless | 1/4"-20 x 1" (25.4 mm) |
| AS14114 | Stainless | 1/4"-20 x 1-1/4" (31.7 mm) |
| AS14112 | Stainless | 1/4"-20 x 1-1/2" (38.1 mm) |
| AS14134 | Stainless | 1/4"-20 x 1-3/4" (44.4 mm) |
| AS142 | Stainless | 1/4"-20 x 2" (50.8 mm) |

Minimum order: 10 each. Must be ordered in increments of 10.

Full 36" (914 mm) lengths of stainless or zinc Threaded Rod will permit you to cut Rod to desired length.

Optional Acorn Nut to protect threads during installation.

**THREADED RODS/ACORN NUT**

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| TR1420X36S | Stainless | 1/4"-20 x 36" (914 mm) |
| TR1420X36Z | Zinc | 1/4"-20 x 36" (914 mm) |
| ACN1420 | Nickel | 1/4"-20 Acorn Nut |

Minimum order: 1 each for Rods; 10 each for Nuts.

Use the Concrete Anchor when securing the Standoff Base to a cement or stone wall. Requires 5/16" (8 mm) diameter hole in concrete.

**ONLINE** *INSTALLATION RESOURCES*

**CONCRETE ANCHOR**

| CAT. NO. | SIZE |
|---|---|
| CA1420 | 1/4"-20 |

Minimum order: 1 each.

Use Riv-Nut to attach 3STA112 or 3STA2 Standoff Tube Adaptors to 1-1/2" (38.1 mm) and 2" (50.8 mm) diameter Tubing. Cat. No. 34604 H.D. Thread Setter used for installation.

**ONLINE** *INSTALLATION RESOURCES*

**RIV-NUT**

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| RN1420 | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

The Standoff Wrench allows a quick and efficient method for tightening and loosening the Standard Cap Assembly of 3/4" (19 mm), 1" (25 mm), and 1-1/4" (31.7 mm) diameter Round Standoffs. Overall size is 4-1/2" (114.3 mm).

**STANDOFF WRENCH**

| CAT. NO. | FOR DIAMETERS |
|---|---|
| S0W | 3/4", 1", and 1-1/4" (19, 25, and 31.7 mm) |

Minimum order: 1 each.

Adjustable Strap Wrench for tightening or loosening 3/4" to 4" (19 to 102 mm) diameter Standoff Bases. Overall handle size is 4" (102 mm).

**ADJUSTABLE STRAP WRENCH**

| CAT. NO. | FOR DIAMETERS |
|---|---|
| ASW12 | 3/4" to 4" (19 to 102 mm) |

Minimum order: 1 each.

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09SC

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## CRL 1" (25 mm) Diameter Standoff System

**USE MONOLITHIC TEMPERED GLASS**

- Accomplish Your Design Objective by Choosing Any of Eight Different Lengths

- Available in Brushed or Polished 316 Stainless Finishes

The vast variety of finishes and lengths gives our 1" (25 mm) Standoff Base and Cap Assemblies unlimited potential for medium weight glass displays or signage. Panels require 1/2" (12.7 mm) holes for assembly.
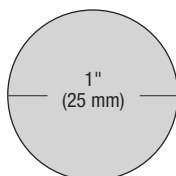
## CRL 1" (25 mm) Diameter Standoff Bases

- Brushed or Polished 316 Stainless Steel Finishes

- Can Be Used Indoors or Outdoors

- Custom Finishes Available Upon Request

- Available in Eight Lengths

**ONLINE** *INSTALLATION RESOURCES*

CRL's 1" (25 mm) diameter Standoffs are the perfect design element for projects such as retail displays or exhibit building. 1" (25 mm) diameter Bases and Cap Assemblies can also be ordered in custom sizes.

| LENGTH | BRUSHED 316 STAINLESS CAT. NO. | POLISHED 316 STAINLESS CAT. NO. |
|---|---|---|
| 1/4" (6.3 mm) | S0B1014BS | S0B1014PS |
| 1/2" (12.7 mm) | S0B1012BS | S0B1012PS |
| 3/4" (19 mm) | S0B1034BS | S0B1034PS |
| 1" (25.4 mm) | S0B101BS | S0B101PS |
| 1-1/2" (38.1 mm) | S0B10112BS | S0B10112PS |
| 2" (50.8 mm) | S0B102BS | S0B102PS |
| 4" (101.6 mm) | S0B104BS | S0B104PS |
| 6" (152.4 mm) | S0B106BS | S0B106PS |

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
**NOTE:** Minimum material thickness for use with 1/2" (12.7 mm) Diameter Standoff Bases is 3/16" (4.7 mm).

1" (25 mm)

Diameter

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

1/4"  1/2"  3/4"  1"  1-1/2"  2"  4"  6"
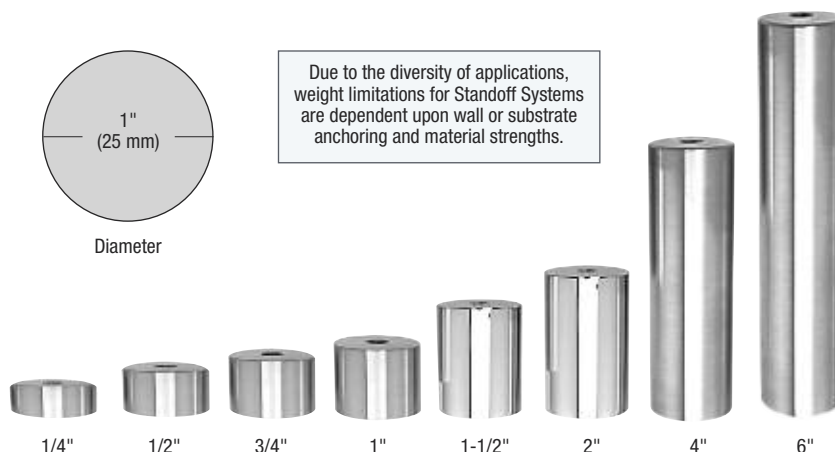
## CRL Cap Assemblies for 1" (25 mm) Diameter Standoffs

**NEW!**

CRL's 1" (25 mm) Caps for Standoffs are supplied with a 1/4"-20 x 1" (25.4 mm) Stainless Steel Allen Screw and Washers.

**ONLINE** *INSTALLATION RESOURCES*

1/4" (6.3 mm)

- Recommended for Desktops or Tables Where a Low Profile Design is Preferred

**1" (25 MM) ROUND CAP ASSEMBLY**

| CAT. NO. | FINISH |
|---|---|
| CAP1BS | Brushed 316 Stainless |
| CAP1PS | Polished 316 Stainless |
| CWK1 | Replacement Vinyl Washer Set |

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

1/2" (12.7 mm) Hole Required

**1" (25 MM) LOW PROFILE CAP ASSEMBLY**

| CAT. NO. | FINISH |
|---|---|
| LPC1BS | Brushed 316 Stainless |
| LPC1PS | Polished 316 Stainless |
| CWK1 | Replacement Vinyl Washer Set |

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

1/2" (12.7 mm) Hole Required

## CRL Stainless Steel Standoff Trim Plates

- For Use With 3/4" or 1" (19 or 25 mm) Diameter Standoffs

CRL's Stainless Steel Trim Plates provide both a decorative and functional transition between the standoff base and substrate by dispersing the weight of the glass over a 1-1/2" (38.1 mm) area to decrease the possibility of drywall indentations.

| CAT. NO. | FINISH |
|---|---|
| S0TP1BS | Brushed 316 Stainless |
| S0TP1PS | Polished 316 Stainless |

Minimum order: 1 each. Finishes can be combined for quantity pricing. Standoff Bases are not included.

1-1/2" (38.1 mm)

Base and Cap Assembly must be purchased separately

## CRL 1/4"-20 Flush Mount Cap Assemblies

**NEW!**

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

CRL's Flush Mount Cap Assembly is designed to be used with CRL 1" (25 mm) Standoff Bases. It can also be used on CRL Shower Door Handles with a 1/4"-20 thread to make them single-sided.

| CAT. NO. | FINISH |
|---|---|
| CAPF1420BS | Brushed 316 Stainless |
| CAPF1420PS | Polished 316 Stainless |

Minimum order: 1 each. Finishes can be combined for quantity pricing. Standoff Bases are not included. 28 mm Countersunk Hole Required Use Cat. No. SW19 Spanner Wrench to Install (Sold Separately).

1-1/4" (32 mm)

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**standoffs**          Search

or enter the Catalog Number for complete product information

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CRL US ALUMINUM

# CRL Standoff System Accessories and Mounting Hardware for 1" (25 mm) Standoffs

Hex Nuts are used with applicable Flat Washers and/or Lock Washers to attach Standoffs, or to reshape threads after cutting Threaded Rod or Allen Screws.

## HEX NUTS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| HN1420S | Stainless | 1/4"-20 |
| HN1420Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

Nylock Hex Nuts may be used without Locking Washers for attachment to Allen Screws or Threaded Rod for 3/4" (19 mm) diameter Standoffs.

## NYLOCK HEX NUTS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| NLN1420S | Stainless | 1/4"-20 |
| NLN1420Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

Use Flat Washers with Hex Nuts when attaching Standoffs to panels or substrates. Available in two finishes.

## FLAT WASHERS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| FW14S | Stainless | 1/4"-20 |
| FW14Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

Lock Washers may be used with Hex Nuts for mounting Standoff assemblies.

## LOCK WASHERS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| LW14S | Stainless | 1/4"-20 |
| LW14Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

Tee Nut is mainly used in wood or plywood applications where it can be installed on the back side. Accepts Allen Screw or Threaded Rod.

## TEE NUT

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| TN1420Z | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

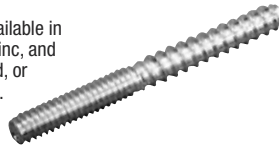Hanger Bolt Drivers make installing Hanger Bolts into wood studs a breeze.

## HANGER BOLT DRIVER

| CAT. NO. | SIZE |
|---|---|
| 165HB416 | 1/4"-20 |

Minimum order: 1 each.

Hanger Bolts are available in both stainless and zinc, and can be used in wood, or with plastic anchors.
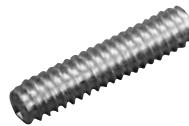
## HANGER BOLTS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| HB14112S | Stainless | 1/4"-20 x 1-1/2" (38.1 mm) |
| HB14112Z | Zinc | 1/4"-20 x 1-1/2" (38.1 mm) |
| HB14212S | Stainless | 1/4"-20 x 2-1/2" (63.5 mm) |
| HB14212Z | Zinc | 1/4"-20 x 2-1/2" (63.5 mm) |

Minimum order: 1 each for Stainless; 10 each for Zinc.

Stainless Steel Allen Screws are available in incremental lengths from 3/4" (19 mm) to 2" (50.8 mm) for 1" (25 mm) diameter Standoffs.
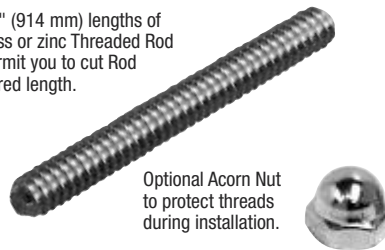
## ALLEN SCREWS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| AS1434 | Stainless | 1/4"-20 x 3/4" (19 mm) |
| AS141 | Stainless | 1/4"-20 x 1" (25.4 mm) |
| AS14114 | Stainless | 1/4"-20 x 1-1/4" (31.7 mm) |
| AS14112 | Stainless | 1/4"-20 x 1-1/2" (38.1 mm) |
| AS14134 | Stainless | 1/4"-20 x 1-3/4" (44.4 mm) |
| AS142 | Stainless | 1/4"-20 x 2" (50.8 mm) |

Minimum order: 10 each. Must be ordered in increments of 10.

Full 36" (914 mm) lengths of stainless or zinc Threaded Rod will permit you to cut Rod to desired length.

Optional Acorn Nut to protect threads during installation.

## THREADED RODS/ACORN NUT

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| TR1420X36S | Stainless | 1/4"-20 x 36" (914 mm) |
| TR1420X36Z | Zinc | 1/4"-20 x 36" (914 mm) |
| ACN1420 | Nickel | 1/4"-20 Acorn Nut |

Minimum order: 1 each for Rods; 10 each for Nuts.

Use the Concrete Anchor when securing the Standoff Base to a cement or stone wall. Requires 5/16" (8 mm) diameter hole in concrete.

**ONLINE** *INSTALLATION RESOURCES*

## CONCRETE ANCHOR

| CAT. NO. | SIZE |
|---|---|
| CA1420 | 1/4"-20 |

Minimum order: 1 each.

Use Riv-Nut to attach 3STA112 or 3STA2 Standoff Tube Adaptors to 1-1/2" (38.1 mm) and 2" (50.8 mm) diameter Tubing. Cat. No. 34604 H.D. Thread Setter used for installation.

**ONLINE** *INSTALLATION RESOURCES*

## RIV-NUT

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| RN1420 | Zinc | 1/4"-20 |

Minimum order: 10 each. Must be ordered in increments of 10.

The Standoff Wrench allows a quick and efficient method for tightening and loosening the Standard Cap Assembly of 3/4" (19 mm), 1" (25 mm), and 1-1/4" (31.7 mm) diameter Round Standoffs. Overall size is 4-1/2" (114.3 mm).

## STANDOFF WRENCH

| CAT. NO. | FOR DIAMETERS |
|---|---|
| S0W | 3/4", 1", and 1-1/4" (19, 25, and 31.7 mm) |

Minimum order: 1 each.

Adjustable Strap Wrench for tightening or loosening 3/4" to 4" (19 to 102 mm) diameter Standoff Bases. Overall handle size is 4" (102 mm).

## ADJUSTABLE STRAP WRENCH

| CAT. NO. | FOR DIAMETERS |
|---|---|
| ASW12 | 3/4" to 4" (19 to 102 mm) |

Minimum order: 1 each.

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## CRL 1-1/4" (31.7 mm) Diameter Standoff System

- Available in Many Distinct Finishes to Accommodate Any Project Requirement
- Accomplish Your Design Objective by Choosing Any of Eight Different Lengths

**USE MONOLITHIC TEMPERED GLASS**

Create a combination of different looks with our 1-1/4" (31.7 mm) Standoff System by designing a series of displays or architectural projects utilizing our vast array of Bases.

Standoffs Used for Railing Projects

## CRL 1-1/4" (31.7 mm) Diameter Standoff Bases

- Six Popular Decorator Finishes

**ONLINE** | **INSTALLATION RESOURCES**

You can create a combination of different looks with our 1-1/4" (31.7 mm) Standoff System. The variety of Bases and Caps allows you to design a series of retail, commercial or residential projects. Panels require 5/8" (16 mm) holes for assembly. Custom lengths and finishes are available by requesting a quote from our Technical Sales Department.
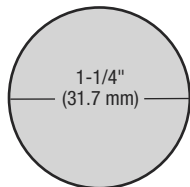
1/4"  1/2"  3/4"  1"  1-1/2"  2"  4"  6"

1-1/4" (31.7 mm)

Diameter

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

### REPLACEMENT CLEAR VINYL WASHERS

| CAT. NO. | WASHER SIZE (O.D. X I.D.) |
|---|---|
| SW114S | 1-1/4" (31.7 mm) x 5/16" (7.9 mm) |
| SW114L | 1-1/4" (31.7 mm) x 7/16" (11.1 mm) |
| SM716 | 9/16" (14.3 mm) x 7/16" (11.1 mm) |

Minimum order: 10 each. Must be ordered in increments of 10.

| LENGTH | BRASS CAT. NO. | CHROME CAT. NO. | SATIN CHROME CAT. NO. | BRUSHED 316 STAINLESS CAT. NO. | POLISHED 316 STAINLESS CAT. NO. | GUN METAL CAT. NO. |
|---|---|---|---|---|---|---|
| 1/4" (6.3 mm) | S0B11414BR | S0B11414CH | S0B11414SC | S0B11414BS | S0B11414PS | S0B11414GM |
| 1/2" (12.7 mm) | S0B11412BR | S0B11412CH | S0B11412SC | S0B11412BS | S0B11412PS | S0B11412GM |
| 3/4" (19 mm) | S0B11434BR | S0B11434CH | S0B11434SC | S0B11434BS | S0B11434PS | S0B11434GM |
| 1" (25.4 mm) | S0B1141BR | S0B1141CH | S0B1141SC | S0B1141BS | S0B1141PS | S0B1141GM |
| 1-1/2" (38.1 mm) | S0B114112BR | S0B114112CH | S0B114112SC | S0B114112BS | S0B114112PS | S0B114112GM |
| 2" (50.8 mm) | S0B1142BR | S0B1142CH | S0B1142SC | S0B1142BS | S0B1142PS | S0B1142GM |
| 4" (101.6 mm) | S0B1144BR | S0B1144CH | S0B1144SC | S0B1144BS | S0B1144PS | S0B1144GM |
| 6" (152.4 mm) | S0B1146BR | S0B1146CH | S0B1146SC | S0B1146BS | S0B1146PS | S0B1146GM |

Minimum order: 1 each. All Standoffs can be combined for quantity pricing. NOTE: Minimum material thickness for use with 1-1/4" (31.7 mm) diameter Standoff Bases is 1/4" (6.3 mm) when used with Standard and Low Profile Caps, and 3/8" (9.5 mm) when used with Flush Mount Cap.

## CRL Accent Rings for 1-1/4" (31.7 mm) Diameter Standoffs

- Add a Decorative Accent to Signage or Display Standoffs
- Available in Chrome and Brass

CRL 1-1/4" (31.7 mm) Accent Rings are designed to be used with our 1-1/4" (31.7 mm) Diameter Standoff components. Accent Rings can be placed either between the Standoff Cap and the panel, or between the Standoff Base and the panel to create a decorative new look to your signage or display projects.

Available in both Chrome and Brass finishes, Accent Rings are most noticeable when mixed with other finishes, such as a Brass Accent Ring with a Gun Metal Cap and Base, or a Chrome Accent Ring with a Satin Chrome Cap and Base. Just "mix and match" to obtain the look you want. The 1-1/4" (31.7 mm) diameter Accent Ring is countersunk to accept the Cap Assembly, and is supplied with a clear vinyl washer to protect the glass.

3/8" (9.5 mm)  Accent Ring

Vinyl Washer

| CAT. NO. | FINISH |
|---|---|
| AR114CH | Chrome |
| AR114BR | Brass |

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

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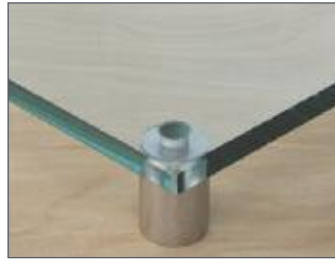
# CRL STANDOFF SYSTEMS

## CRL 1-1/4" (31.7 mm) Diameter Standoff Installation Steps

Set Fastener to Surface | Thread Base Onto Fastener | Align Glass on Standoff | Tighten Cap with Wrench

**NOTE:** Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

## CRL Cap Assemblies for 1-1/4" (31.7 mm) Diameter Standoffs

**ONLINE INSTALLATION RESOURCES**

Designed to be used with CRL's 1-1/4" (31.7 mm) Standoff Bases, Standard Cap Assemblies are available in matching finishes, and are easily tightened when being installed into Bases by using our Cat. No. SOW Standoff Wrench.
**NOTE:** Panels require 5/8" (16 mm) holes for assembly.

1/4" (6.3 mm)

| CAT. NO. | FINISH |
|----------|--------|
| CAP114BR | Brass |
| CAP114BS | Brushed 316 Stainless |
| CAP114PS | Polished 316 Stainless |
| CAP114CH | Chrome |
| CAP114SC | Satin Chrome |
| CAP114GM | Gun Metal |

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

**Cap Assemblies Consist of:**
1 Each Cap
1 Each 1" (25.4 mm) Stainless Steel (Cat. N0. AS5161) Allen Screw
2 Each Washers (Cat. Nos. SW114L and SW114S)
1 Each Vinyl Sleeve (Cat. No. SM716)

## CRL Stainless Steel Standoff Trim Plates

- Enhance the Beauty of Your Standoff Installations
- For Use With 1-1/4" (31.7 mm) Diameter Standoffs

CRL's Stainless Steel Trim Plates are ideal for either vertical or horizontal standoff base installations. The 316 alloy stainless steel Trim Plate provides both a decorative and functional transition between the standoff base and substrate by dispersing the weight of the glass over a 1-3/4" (44.4 mm) area to decrease the possibility of drywall indentations. Available in both brushed and polished finishes.

| CAT. NO. | FINISH |
|----------|--------|
| S0TP114BS | Brushed 316 Stainless |
| S0TP114PS | Polished 316 Stainless |

Minimum order: 1 each. Finishes can be combined for quantity pricing. Standoff Bases are not included.

Base and Cap Assembly must be purchased separately

## CRL Low Profile Cap Assemblies

Our Low Profile Cap Assemblies, which measure 1/8" (3.2 mm) in height, are used for desktops or furniture where a low profile design is preferred. Low Profile Caps are tightened by placing a flat neoprene or rubber pad in the palm of your hand, then applying pressure and turning. **NOTE:** Panels require 5/8" (16 mm) holes for assembly.

| CAT. NO. | FINISH |
|----------|--------|
| LPC114BR | Brass |
| LPC114BS | Brushed 316 Stainless |
| LPC114PS | Polished 316 Stainless |
| LPC114CH | Chrome |
| LPC114SC | Satin Chrome |
| LPC114GM | Gun Metal |

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

**Cap Assemblies Consist of:**
1 Each Cap
1 Each 3/4" (19 mm) Stainless Steel Allen Screw (Cat. No. AS51634)
1 Each Large Hole Vinyl Washer with Sleeve (Cat. No. SW114L)
1 Each Small Hole Vinyl Washer (Cat. No. SW114S)

## CRL Flush Mount Cap Assembly

CRL's Flush Mount Cap Assembly is designed to be used with 1-1/4" (31.7 mm) Standoff Bases in applications where the Standoff Cap must be flush with the surface of the glass. The Flush Cap comes with a 22 mm, 5/16"-18 Socket Head Screw with washers. The Flush Cap measures 1-1/8" (28.6 mm) in diameter. Minimum material thickness is 3/8" (9.5 mm). An optional 1-3/8" (35 mm) Screw is available for use with thicker materials. Minimum order is one each.

**ONLINE INSTALLATION RESOURCES**

**CAT. NO. CAPF114BS**
Flush Cap

**NOTE:**
Fabrication Requirements for Flush Cap:
3/4" Diameter Hole;
1-1/2" Countersink (to desired depth) Using Cat. No. BDC112 Diamond Countersink

**CAT. NO. CAP35S**
1-3/8" (35 mm) Screw

## CRL Tube Adaptors for 1-1/4" (31.7 mm) Diameter Standoffs

**ONLINE INSTALLATION RESOURCES**

- Adaptors Fit 1-1/2" (38.1 mm) and 2" (50.8 mm) Tubing

CRL Tube Adaptors allow 1-1/4" (31.7 mm) Standoffs and Slot Mount Standoffs to be attached to 1-1/2" (38.1 mm) or 2" (50.8 mm) Post Tubing. Use a Cat. No. ZRNUT Riv-Nut (see page 15SC) to secure the Standoff to the Tubing.

Slide on Adaptor Over 5/16"- 18 Allen Screw | Attach Standoff Base

1/2" (12.7 mm)

| ADAPTOR FOR 1-1/2" TUBING CAT. NO. | ADAPTOR FOR 2" TUBING CAT. NO. | FINISH |
|----------|----------|--------|
| STA112BR | STA2BR | Brass |
| STA112CH | STA2CH | Chrome |
| STA112BS | STA2BS | Brushed 316 Stainless |
| STA112SC | STA2SC | Satin Chrome |

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

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# CRL STANDOFF SYSTEMS

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## CRL 1-1/4" (31.7 mm) Square Standoff Assemblies

- Uniquely Styled
- Available in Three Popular Finishes

**USE MONOLITHIC TEMPERED GLASS**

CRL's Square Standoff Assemblies create a new and contemporary look that is certain to achieve maximum attention. Available in Brass, Chrome, and Satin Chrome, they use the same mounting accessories as our very popular 1-1/4" (31.7 mm) diameter Round Standoffs. Panels require 5/8" (16 mm) diameter holes for assembly.

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

Set Fastener to Surface
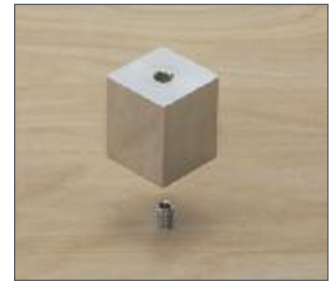
Thread Base Onto Fastener
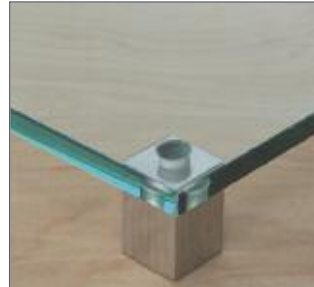
Align Glass on Standoff
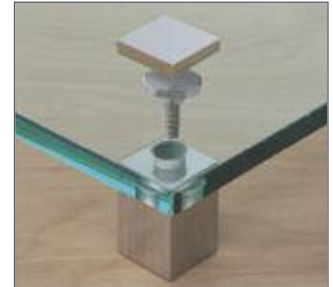
Tighten Secondary Cap and Install Top Cap

## CRL 1-1/4" (31.7 mm) Square Standoff Bases

- New Standoff Configuration for Special Projects

CRL's 1-1/4" (31.7 mm) Square Standoff Bases are the perfect component for countertops, desks or furniture design. The five available lengths are adequate for most projects, but if custom lengths are required you can contact our Technical Sales Department for a quote.
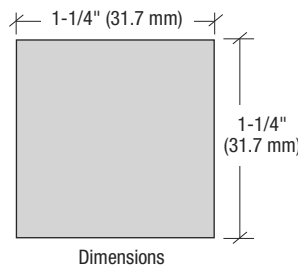
**ONLINE** *INSTALLATION RESOURCES*

- Available in Five Standard Lengths

Dimensions: 1-1/4" (31.7 mm) x 1-1/4" (31.7 mm)

| LENGTH | BRASS CAT. NO. | CHROME CAT. NO. | SATIN CHROME CAT. NO. |
|---|---|---|---|
| 3/4" (19 mm) | SQ12575BR | SQ12575CH | SQ12575SC |
| 1" (25.4 mm) | SQ1251BR | SQ1251CH | SQ1251SC |
| 1-1/2" (38.1 mm) | SQ125112BR | SQ125112CH | SQ125112SC |
| 2" (50.8 mm) | SQ1252BR | SQ1252CH | SQ1252SC |
| 4" (101.6 mm) | SQ1254BR | SQ1254CH | SQ1254SC |

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
**NOTE:** Minimum material thickness for use with 1-1/4" Square Standoff Bases is 1/4" (6.3 mm).

3/4"   1"   1-1/2"   2"   4"

## CRL 1-1/4" (31.7 mm) Square Cap Assemblies

- Use With 1-1/4" (31.7 mm) Square Bases or as Decorative Wall Fasteners

Our 1-1/4" (31.7 mm) Square Standoff Cap Assemblies can be used with Square Bases or independently to attach panels or artwork to a wall. The Cap Assembly comes with a detachable 5/16"-18 x 1" Allen screw that requires a 5/8" (16 mm) hole for assembly. With this unique design there is no "adjustment" or "trial-and-error" required to line up the cap with the base.

**ONLINE** *INSTALLATION RESOURCES*

1/4" (6.3 mm)
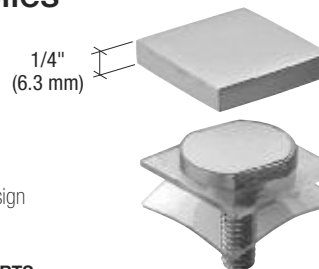
**SQUARE CAP ASSEMBLIES**

| CAT. NO. | FINISH |
|---|---|
| SCAP125BR | Brass |
| SCAP125CH | Chrome |
| SCAP125SC | Satin Chrome |

Minimum order: 1 each. Finishes can be combined for quantity pricing.
**NOTE:** Mounting accessories for 1-1/4" (31.7 mm) Square Standoffs are shown on page 15SC.

**REPLACEMENT PARTS**

| CAT. NO. | DESCRIPTION |
|---|---|
| HW062 | Washer with Sleeve |
| HW063 | Flat Washer |
| AS5161 | 1" (25.4 mm) Allen Screw |

Minimum order: 10 each. Must be ordered in increments of 10.

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# CRL Standoff System Accessories and Mounting Hardware for 1-1/4" (31.7 mm) Standoffs

Hex Nuts are used with applicable Flat Washers and/or Lock Washers to attach Standoffs, or to reshape threads after cutting Threaded Rod or Allen Screws.

### HEX NUTS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| HN51618S | Stainless | 5/16"-18 |
| HN51618Z | Zinc | 5/16"-18 |

Minimum order: 10 each. Must be ordered in increments of 10.

Nylock Hex Nuts may be used without Locking Washers for attachment to Allen Screws or Threaded Rod for 1-1/4" (31.7 mm) diameter Standoffs.

### NYLOCK HEX NUTS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| NLN51618S | Stainless | 5/16"-18 |
| NLN51618Z | Zinc | 5/16"-18 |

Minimum order: 10 each. Must be ordered in increments of 10.

Use Flat Washers with Hex Nuts when attaching Standoffs to panels or substrates. Available in two finishes.

### FLAT WASHERS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| FW516S | Stainless | 5/16"-18 |
| FW516Z | Zinc | 5/16"-18 |

Minimum order: 10 each. Must be ordered in increments of 10.

Lock Washers may be used with Hex Nuts for mounting Standoff assemblies.

### LOCK WASHERS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| LW516S | Stainless | 5/16"-18 |
| LW516Z | Zinc | 5/16"-18 |

Minimum order: 10 each. Must be ordered in increments of 10.

Tee Nut is mainly used in wood or plywood applications where it can be installed on the back side. Accepts Allen Screw or Threaded Rod.

### TEE NUT

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| TN51618Z | Zinc | 5/16"-18 |

Minimum order: 10 each. Must be ordered in increments of 10.

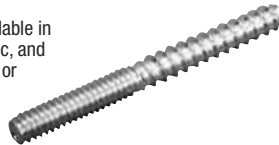Hanger Bolt Drivers make installing Hanger Bolts into wood studs a breeze.

### HANGER BOLT DRIVER

| CAT. NO. | SIZE |
|---|---|
| 165HB516 | 5/16"-18 |

Minimum order: 1 each.

Hanger Bolts are available in both stainless and zinc, and can be used in wood, or with plastic anchors.
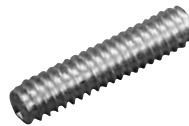
### HANGER BOLTS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| HB516112S | Stainless | 5/16"-18 x 1-1/2" (38.1 mm) |
| HB516112Z | Zinc | 5/16"-18 x 1-1/2" (38.1 mm) |
| HB516212S | Stainless | 5/16"-18 x 2-1/2" (63.5 mm) |
| HB516212Z | Zinc | 5/16"-18 x 2-1/2" (63.5 mm) |

Minimum order: 1 each for Stainless; 10 each for Zinc.

Stainless Steel Allen Screws are available in incremental lengths from 3/4" (19 mm) to 2" (50.8 mm) for 1-1/4" (31.7 mm) diameter Standoffs.

### ALLEN SCREWS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| AS51634 | Stainless | 5/16"-18 x 3/4" (19 mm) |
| AS5161 | Stainless | 5/16"-18 x 1" (25.4 mm) |
| AS516114 | Stainless | 5/16"-18 x 1-1/4" (31.7 mm) |
| AS516112 | Stainless | 5/16"-18 x 1-1/2" (38.1 mm) |
| AS516134 | Stainless | 5/16"-18 x 1-3/4" (44.4 mm) |
| AS5162 | Stainless | 5/16"-18 x 2" (50.8 mm) |
| AS5163 | Stainless | 5/16"-18 x 3" (76.2 mm) |

Minimum order: 10 each. Must be ordered in increments of 10.

Full 36" (914 mm) lengths of stainless or zinc Threaded Rod will permit you to cut Rod to desired length.
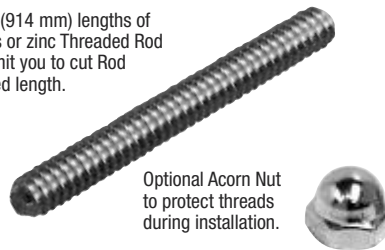
Optional Acorn Nut to protect threads during installation.

### THREADED RODS/ACORN NUT

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| TR51618X36S | Stainless | 5/16"-18 x 36" (914 mm) |
| TR51618X36Z | Zinc | 5/16"-18 x 36" (914 mm) |
| ACN51618 | Nickel | 5/16"-18 Acorn Nut |

Minimum order: 1 each for Rods; 10 each for Nuts.

Use the Concrete Anchor when securing the Standoff Base to a cement or stone wall. Requires 3/8" (9.5 mm) hole in concrete.

**ONLINE** *INSTALLATION RESOURCES*

### CONCRETE ANCHOR

| CAT. NO. | SIZE |
|---|---|
| CA51618 | 5/16"-18 |

Minimum order: 1 each.

Use Riv-Nut to attach STA112 or STA2 Standoff Tube Adaptors to 1-1/2" (38.1 mm) and 2" (50.8 mm) diameter Tubing. Cat. No. 34604 H.D. Thread Setter used for this installation.

**ONLINE** *INSTALLATION RESOURCES*

### RIV-NUT

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| ZRNUT | Zinc | 5/16"-18 |

Minimum order: 10 each. Must be ordered in increments of 10.

The Standoff Wrench allows a quick and efficient method for tightening and loosening the Standard Cap Assembly of 3/4" (19 mm), 1" (25 mm), and 1-1/4" (31.7 mm) diameter Round Standoffs. Overall size is 4-1/2" (114.3 mm).

### STANDOFF WRENCH

| CAT. NO. | FOR DIAMETERS |
|---|---|
| S0W | 3/4", 1", and 1-1/4" (19, 25, and 31.7 mm) |

Minimum order: 1 each.

Adjustable Strap Wrench for tightening or loosening 3/4" to 4" (19 to 102 mm) diameter Standoff Bases. Overall handle size is 4" (102 mm).

### ADJUSTABLE STRAP WRENCH

| CAT. NO. | FOR DIAMETERS |
|---|---|
| ASW12 | 3/4" to 4" (19 to 102 mm) |

Minimum order: 1 each.

---

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## CRL 1-1/2" (38.1 mm) Diameter 316 Stainless Steel Standoff System

- Available in Brushed and Polished 316 Stainless Steel in Six Standard Lengths
- Secured With 3/8"-16 Threaded Stud
- Custom Sizes and Finishes Are Also Available

**USE MONOLITHIC TEMPERED GLASS**

CRL's 1-1/2" (38.1 mm) Diameter Standoffs are perfect for attaching heavy glass, granite, and marble to the top of cabinetry. They are available in Brushed or Polished 316 Stainless in a range of standard lengths from 1/2" to 4" (12.7 to 101.6 mm).

Our ability to produce custom size Standoffs in different sizes, thread configurations, and finishes means you can always have the Standoff you need to suit your customer's requirements. See page 23SC for Custom Standoff information.

## CRL 1-1/2" (38.1 mm) Diameter Standoff Bases

**ONLINE** *INSTALLATION RESOURCES*

CRL's 1-1/2" (38.1 mm) Diameter Standoff Bases are 3/8"-16 threaded at both ends up to 1" (25.4 mm) deep. They can be mounted using 3/8"-16 thread Allen Screws, Threaded Rods, or Hanger Bolts shown on page 18SC. Six standard lengths from 1/2" to 4" (12.7 to 101.6 mm) are stocked in Brushed or Polished 316 Stainless. Cap Assemblies (shown below) must be ordered separately.

### 1-1/2" (38.1 MM) DIAMETER STANDOFF BASES

| LENGTH | BRUSHED 316 STAINLESS CAT. NO. | POLISHED 316 STAINLESS CAT. NO. |
|---|---|---|
| 1/2" (12.7 mm) | S0B11212BS | S0B11212PS |
| 3/4" (19 mm) | S0B11234BS | S0B11234PS |
| 1" (25.4 mm) | S0B1121BS | S0B1121PS |
| 1-1/2" (38.1 mm) | S0B112112BS | S0B112112PS |
| 2" (50.8 mm) | S0B1122BS | S0B1122PS |
| 4" (101.6 mm) | S0B1124BS | S0B1124PS |

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

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

- Two 316 Stainless Finishes
- Six Standard Lengths

1/2"   3/4"   1"   1-1/2"   2"   4"

## CRL Cap Assemblies for 1-1/2" (38.1 mm) Diameter Standoffs

**ONLINE** *INSTALLATION RESOURCES*

- Two 316 Stainless Finishes

CRL's 1-1/2" (38.1 mm) Standoff Caps are supplied with a 3/8"-16 x 1" (25.4 mm) Stainless Steel Allen Screw, one Washer with molded sleeve, and one plain Washer. A hole in the side of the Cap is provided for tightening and loosening the Cap to the Standoff Base. Brushed or Polished 316 Stainless finishes to match our 1-1/2" (38.1 mm) Diameter Standoff Bases.
**NOTE:** Panels require a 5/8" (16 mm) diameter hole for assembly.

### 1-1/2" (38.1 MM) ROUND CAP ASSEMBLY

| CAT. NO. | FINISH |
|---|---|
| CAP112BS | Brushed 316 Stainless |
| CAP112PS | Polished 316 Stainless |

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

### 1-1/2" (38.1 MM) REPLACEMENT WASHERS

| CAT. NO. | DESCRIPTION |
|---|---|
| CWK112 | Vinyl Washer Set |

Minimum order: 1 pack.

## CRL Flush Mount Cap Assembly

CRL's Flush Mount Cap Assembly is designed to be used with 1-1/2" (38.1 mm) Standoff Bases in applications where the Standoff Cap must be flush with the surface of the glass. The Flush Cap comes with a 22 mm, 3/8"-16 Socket Head Screw with washers. The Flush Cap measures 1-3/8" (35 mm) in diameter. Minimum material thickness is 3/8" (9.5 mm). An optional 1-1/2" (38.1 mm) Screw is available for use with thicker materials. Minimum order is one each.

**ONLINE** *INSTALLATION RESOURCES*

**NOTE:**
Fabrication Requirements for Flush Cap: 1" Diameter Hole; 1-1/2" Countersink (to desired depth) Using Cat. No. BDC112 Diamond Countersink

**CAT. NO. CAPF112BS**
Flush Cap

**CAT. NO. CAP38S**
1-1/2" (38.1 mm) Screw

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## CRL 1-1/2" (38.1 mm) Diameter Clad Aluminum Standoffs

- Clad in Brushed and Polished 316 Stainless Steel in Five Standard Lengths
- Secured With 3/8"-16 Threaded Stud
- Lightweight and Versatile

**USE MONOLITHIC TEMPERED GLASS**

CRL's 1-1/2" (38.1 mm) Clad Aluminum Standoffs have an aluminum core and are beautifully clad in 316 stainless steel. This results in a lightweight product which can be used for most interior applications requiring Standoffs and Cap Assemblies. The Bases are available clad in both Brushed and Polished 316 Stainless, and range in length from 1" to 6" (25.4 to 152.4 mm). These Standoffs are ideal for almost any horizontal application requiring the attachment of glass or granite tops to cabinetry or lighter weight panels to vertical substrates.

**NOTE:** Clad Aluminum Standoffs are not recommended for exterior or architectural applications.
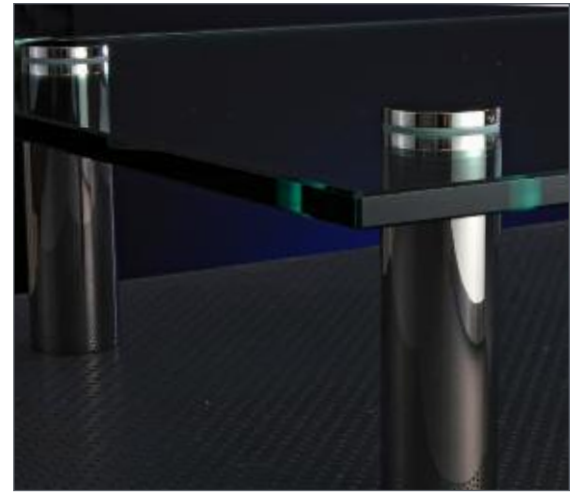
## CRL 1-1/2" (38.1 mm) Diameter Clad Aluminum Standoff Bases

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

CRL's 1-1/2" (38.1 mm) Diameter Clad Aluminum Standoff Bases have 3/8"-16 threads. 1" and 1-1/2" (25.4 and 38.1 mm) lengths are drilled and tapped through; the 2" (50.8 mm) to 6" (152.4 mm) lengths have 1" (25.4 mm) deep threads at both ends. They can be mounted using 3/8"-16 threaded Allen Screws, Threaded Rods, or Hanger Bolts shown on page 18SC. Five standard lengths from 1" to 6" (25.4 to 152.4 mm) are stocked in Brushed or Polished 316 Stainless. Cap Assemblies (shown below) must be ordered separately.

**ONLINE** *INSTALLATION RESOURCES*

- Clad in Two 316 Stainless Finishes
- Five Standard Lengths

**1-1/2" (38.1 MM) DIAMETER STANDOFF BASES**

| LENGTH | BRUSHED 316 STAINLESS CAT. NO. | POLISHED 316 STAINLESS CAT. NO. |
|---|---|---|
| 1" (25.4 mm) | ACSB1121BS | ACSB1121PS |
| 1-1/2" (38.1 mm) | ACSB112112BS | ACSB112112PS |
| 2" (50.8 mm) | ACSB1122BS | ACSB1122PS |
| 4" (101.6 mm) | ACSB1124BS | ACSB1124PS |
| 6" (152.4 mm) | ACSB1126BS | ACSB1126PS |

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

1"   1-1/2"   2"   4"   6"

## CRL Cap Assemblies for 1-1/2" (38.1 mm) Diameter Clad Aluminum Standoffs

**ONLINE** *INSTALLATION RESOURCES*

- Two 316 Stainless Finishes

CRL's 1-1/2" (38.1 mm) Caps for Clad Aluminum Standoffs are supplied with a 3/8"-16 x 1" (25.4 mm) Stainless Steel Allen Screw, one Washer with molded sleeve, and one plain Washer. A hole in the side of the Cap is provided for tightening or loosening the Cap to the Standoff Base. Available in Brushed or Polished 316 Stainless finishes to match our 1-1/2" (38.1 mm) Standoff Bases. **NOTE:** Panels require a 5/8" (16 mm) diameter hole for assembly.

**1-1/2" (38.1 MM) ROUND CAP ASSEMBLY**

| CAT. NO. | FINISH |
|---|---|
| ACSC112BS | Brushed 316 Stainless |
| ACSC112PS | Polished 316 Stainless |

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

**1-1/2" (38.1 MM) REPLACEMENT WASHERS**

| CAT. NO. | DESCRIPTION |
|---|---|
| CWK112 | Vinyl Washer Set |

Minimum order: 1 pack.

## CRL Low Profile Cap Assemblies

- Recommended for Desktops or Tables Where a Low Profile Design is Preferred
- Matches Our 1-1/2" (38.1 mm) Stainless Steel and Clad Aluminum Standoff Bases

CRL's 316 Stainless Steel Low Profile Cap Assemblies are perfect for applications where a low profile design is both practical and preferred. Supplied with a same components as our Standard Cap Assemblies, the Low Profile Caps are tightened by placing a flat neoprene pad on the surface of the Cap, applying pressure and turning until tight. **NOTE:** Panels require a 5/8" (16 mm) diameter hole for assembly.

**1-1/2" (38.1 MM) LOW PROFILE CAP ASSEMBLY**

| CAT. NO. | FINISH |
|---|---|
| LPC112BS | Brushed 316 Stainless |
| LPC112PS | Polished 316 Stainless |

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

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# CRL Standoff System Accessories and Mounting Hardware for 1-1/2" (38.1 mm) Standoffs

**ONLINE** *INSTALLATION RESOURCES*

Use the Concrete Anchor when securing the Standoff Base to a cement or stone wall. Requires 7/16" (11 mm) diameter hole in concrete.

### CONCRETE ANCHOR

| CAT. NO. | SIZE |
|---|---|
| CA3816 | 3/8"-16 |

Minimum order: 1 each.

Hanger Bolt Drivers make installing Hanger Bolts into wood studs a breeze.

### HANGER BOLT DRIVER

| CAT. NO. | SIZE |
|---|---|
| 165HB616 | 3/8" - 16 |

Minimum order: 1 each.

Hanger Bolts are available in both stainless and zinc, and can be used in wood, or with plastic anchors.

### HANGER BOLTS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| HB38112S | Stainless | 3/8"-16 x 1-1/2" (38.1 mm) |
| HB38112Z | Zinc | 3/8"-16 x 1-1/2" (38.1 mm) |
| HB38212S | Stainless | 3/8"-16 x 2-1/2" (63.5 mm) |
| HB38212Z | Zinc | 3/8"-16 x 2-1/2" (63.5 mm) |

Minimum order: 1 each for Stainless; 10 each for Zinc.

Stainless Steel Allen Screws are available in incremental lengths from 1" (25.4 mm) to 2" (50.8 mm) for 1-1/2" (38.1 mm) diameter Standoffs.

### ALLEN SCREWS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| AS381 | Stainless Steel | 3/8"-16 x 1" (25.4 mm) |
| AS38114 | Stainless Steel | 3/8"-16 x 1-1/4" (31.7 mm) |
| AS38112 | Stainless Steel | 3/8"-16 x 1-1/2" (38.1 mm) |
| AS38134 | Stainless Steel | 3/8"-16 x 1-3/4" (44.4 mm) |
| AS382 | Stainless Steel | 3/8"-16 x 2" (50.8 mm) |

Minimum order: 10 each. Must be ordered in increments of 10.

Full 36" (914 mm) lengths of stainless or zinc Threaded Rod will permit you to cut Rod to desired length.

### THREADED RODS

| CAT. NO. | FINISH | SIZE |
|---|---|---|
| TR3816X36S | Stainless | 3/8"-16 x 36" (914 mm) |
| TR3816X36Z | Zinc | 3/8"-16 x 36" (914 mm) |

Minimum order: 1 each.

Vinyl Washers for 1-1/2" (38.1 mm) diameter Standoffs. Set consists of two washers, one with a sleeve.

### VINYL WASHERS

| CAT. NO. | DESCRIPTION |
|---|---|
| CWK112 | Washer Set for 1-1/2" (38.1 mm) Standoffs |

Minimum order: 1 pack.

Hex and Nylock Hex Nuts are used with Allen Screws or Threaded Rod for securing 1-1/2" (38.1 mm) diameter Standoffs.

Hex Nut  Nylock Hex Nut

### HEX AND NYLOCK HEX NUTS

| CAT. NO. | FINISH | TYPE | SIZE |
|---|---|---|---|
| HN3816S | Stainless | Hex | 3/8"-16 |
| HN3816Z | Zinc | Hex | 3/8"-16 |
| NLN3816S | Stainless | Nylock | 3/8"-16 |
| NLN3816Z | Zinc | Nylock | 3/8"-16 |

Minimum order: 10 each. Must be ordered in increments of 10.

Flat and Lock Washers are used when attaching Standoffs to panels or substrates. Available in two finishes.

Flat Washer  Lock Washer

### FLAT AND LOCK WASHERS

| CAT. NO. | FINISH | TYPE | SIZE |
|---|---|---|---|
| FW38S | Stainless | Flat | 3/8"-16 |
| FW38Z | Zinc | Flat | 3/8"-16 |
| LW38S | Stainless | Lock | 3/8"-16 |
| LW38Z | Zinc | Lock | 3/8"-16 |

Minimum order: 10 each. Must be ordered in increments of 10.

Acorn Nuts are commonly used on Threaded Rods to protect the thread during installation. Tee Nuts are mainly used in wood or plywood applications where they can be installed on the back side. Tee Nuts accept Allen Screws or Threaded Rod.

Acorn Nut  Tee Nut

### ACORN AND TEE NUTS

| CAT. NO. | FINISH | TYPE | SIZE |
|---|---|---|---|
| ACN3816S | Stainless | Acorn | 3/8"-16 |
| ACN3816Z | Zinc | Acorn | 3/8"-16 |
| TN3816Z | Zinc | Tee | 3/8"-16 |

Minimum order: 10 each. Must be ordered in increments of 10.

The Standoff Wrench provides a quick and efficient method of tightening and loosening the Cap Assembly of Round Standoffs from 1-1/2" (38.1 mm) to 2" (50.8 mm) in diameter.

### STANDOFF WRENCH

| CAT. NO. | FOR DIAMETERS |
|---|---|
| SSW12 | 1-1/2" to 2" (38.1 to 50.8 mm) |

Minimum order: 1 each.

Adjustable Strap Wrench for tightening or loosening 3/4" to 4" (19 to 102 mm) diameter Standoff Bases. Overall handle size is 4" (102 mm).

### ADJUSTABLE STRAP WRENCH

| CAT. NO. | FOR DIAMETERS |
|---|---|
| ASW12 | 3/4" to 4" (19 to 102 mm) |

Minimum order: 1 each.

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**CRL**
**US ALUMINUM**

# CRL 2" (50.8 mm) Diameter 316 Stainless Steel Standoff System

- Available in Brushed and Polished 316 Stainless Steel in Six Standard Lengths
- Secured With 3/8"-16 Threaded Stud
- Custom Sizes and Finishes Are Also Available

**USE MONOLITHIC TEMPERED GLASS**

CRL's 2" (50.8 mm) Diameter Standoffs are available in Brushed or Polished 316 Stainless in a range of standard lengths from 1/2" to 4" (12.7 to 101.6 mm). They are frequently used to attach heavy glass, granite, and marble to cabinet tops and kitchen islands, a very popular trend in modern homes.

CRL has the ability to produce custom size Standoffs in different sizes, thread configurations, and finishes. This means you can always have the Standoff you need to suit your customer's requirements. See page 23SC for more information on Custom Standoffs.

## CRL 2" (50.8 mm) Diameter Standoff Bases

**ONLINE** *INSTALLATION RESOURCES*

CRL's 2" (50.8 mm) Diameter Standoff Bases can be mounted using the 3/8"-16 thread Allen Screws, Threaded Rods, or Hanger Bolts shown on page 22SC. They are 3/8"-16 threaded up to 1" (25.4 mm) deep at both ends, and stocked in six standard lengths from 1/2" to 4" (12.7 to 101.6 mm) in Brushed or Polished 316 Stainless. Cap Assemblies (shown below) must be ordered separately.

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

### 2" (50.8 MM) DIAMETER STANDOFF BASES

| LENGTH | BRUSHED 316 STAINLESS CAT. NO. | POLISHED 316 STAINLESS CAT. NO. |
|---|---|---|
| 1/2" (12.7 mm) | S0B212BS | S0B212PS |
| 3/4" (19 mm) | S0B234BS | S0B234PS |
| 1" (25.4 mm) | S0B21BS | S0B21PS |
| 1-1/2" (38.1 mm) | S0B2112BS | S0B2112PS |
| 2" (50.8 mm) | S0B22BS | S0B22PS |
| 4" (101.6 mm) | S0B24BS | S0B24PS |

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

- Two 316 Stainless Finishes
- Six Standard Lengths

| 1/2" | 3/4" | 1" | 1-1/2" | 2" | 4" |

## CRL Cap Assemblies for 2" (50.8 mm) Diameter Standoffs

- Two 316 Stainless Finishes

**ONLINE** *INSTALLATION RESOURCES*

CRL's 2" (50.8 mm) Standoff Caps are supplied with a 3/8"-16 x 1" (25.4 mm) Stainless Steel Allen Screw, one Washer with molded sleeve, and one plain Washer. They come in Brushed or Polished 316 Stainless finishes to match our 2" (50.8 mm) Diameter Standoff Bases. A hole in the side of the Cap is provided for tightening the Cap to the Standoff Base. **NOTE:** Panels require a 5/8" (16 mm) diameter hole for assembly.

### 2" (50.8 MM) ROUND CAP ASSEMBLY

| CAT. NO. | FINISH |
|---|---|
| CAP2BS | Brushed 316 Stainless |
| CAP2PS | Polished 316 Stainless |

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

### 2" (50.8 MM) REPLACEMENT WASHERS

| CAT. NO. | DESCRIPTION |
|---|---|
| CWK2 | Vinyl Washer Set |

Minimum order: 1 pack.

## CRL Low Profile Cap Assemblies

- Recommended for Desktops or Tables Where a Low Profile Design is Preferred
- Matches Our 2" (50.8 mm) Standoff Bases

CRL's 316 Stainless Steel Low Profile Cap Assemblies are perfect for applications where a low profile design is both practical and preferred. Supplied with a same components as our Standard Cap Assemblies, the Low Profile Caps are tightened by placing a flat neoprene pad on the surface of the Cap, applying pressure and turning until tight. **NOTE:** Panels require a 5/8" (16 mm) diameter hole for assembly.

### 2" (50.8 MM) LOW PROFILE CAP ASSEMBLY

| CAT. NO. | FINISH |
|---|---|
| LPC2BS | Brushed 316 Stainless |
| LPC2PS | Polished 316 Stainless |

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

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**CRL** US ALUMINUM

# CRL 2" (50.8 mm) Diameter Clad Aluminum Standoffs

**USE MONOLITHIC TEMPERED GLASS**

- Clad in Brushed and Polished 316 Stainless Steel in Five Standard Lengths
- Secured With 3/8"-16 Threaded Stud
- Lightweight and Versatile

CRL's 2" (50.8 mm) Clad Aluminum Standoffs have an aluminum core and are beautifully clad in 316 stainless steel. This results in a lightweight product which can be used for most interior applications requiring Standoffs and Cap Assemblies. The Bases are available clad in both Brushed and Polished 316 Stainless, and range in length from 1" to 6" (25.4 to 152.4 mm). These Standoffs are ideal for almost any horizontal application requiring the attachment of glass or granite tops to cabinetry or lighter weight panels to vertical substrates. **NOTE:** Clad Aluminum Standoffs are not recommended for exterior or architectural applications.

## CRL 2" (50.8 mm) Diameter Clad Aluminum Standoff Bases

**ONLINE** *INSTALLATION RESOURCES*

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

CRL's 2" (50.8 mm) Diameter Clad Aluminum Standoff Bases have 3/8"-16 threads. 1" and 1-1/2" (25.4 and 38.1 mm) lengths are drilled and tapped through; the 2" (50.8 mm) to 6" (152.4 mm) lengths have 1" (25.4 mm) deep threads at both ends. They can be mounted using 3/8"-16 threaded Allen Screws, Threaded Rods, or Hanger Bolts shown on page 22SC. Five standard lengths from 1" to 6" (25.4 to 152.4 mm) are stocked in Brushed or Polished 316 Stainless. Cap Assemblies (shown below) must be ordered separately.

- Clad in Two 316 Stainless Finishes
- Five Standard Lengths

### 2" (50.8 MM) DIAMETER STANDOFF BASES

| LENGTH | BRUSHED 316 STAINLESS CAT. NO. | POLISHED 316 STAINLESS CAT. NO. |
|---|---|---|
| 1" (25.4 mm) | ACSB21BS | ACSB21PS |
| 1-1/2" (38.1 mm) | ACSB2112BS | ACSB2112PS |
| 2" (50.8 mm) | ACSB22BS | ACSB22PS |
| 4" (101.6 mm) | ACSB24BS | ACSB24PS |
| 6" (152.4 mm) | ACSB26BS | ACSB26PS |

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

1"  1-1/2"  2"  4"  6"

## CRL Cap Assemblies for 2" (50.8 mm) Diameter Clad Aluminum Standoffs

**ONLINE** *ARCHITECTURAL RESOURCES*    **ONLINE** *INSTALLATION RESOURCES*

CRL's 2" (50.8 mm) Caps for Clad Aluminum Standoffs are supplied with a 3/8"-16 x 1" (25.4 mm) Stainless Steel Allen Screw, one Washer with molded sleeve, and one plain Washer. A hole in the side of the Cap is provided for tightening or loosening the Cap to the Standoff Base. Available in Brushed or Polished 316 Stainless finishes to match our 2" (50.8 mm) Standoff Bases. **NOTE:** Requires drilling a 5/8" (16 mm) diameter hole in the panel for assembly.

### 2" (50.8 MM) ROUND CAP ASSEMBLY

| CAT. NO. | FINISH |
|---|---|
| ACSC2BS | Brushed 316 Stainless |
| ACSC2PS | Polished 316 Stainless |

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

### 2" (50.8 MM) REPLACEMENT WASHERS

| CAT. NO. | DESCRIPTION |
|---|---|
| CWK2 | Vinyl Washer Set |

Minimum order: 1 pack.

## CRL Low Profile Cap Assemblies

- Recommended for Desktops or Tables Where a Low Profile Design is Preferred
- Matches Our 2" (50.8 mm) Standoff Bases

CRL's 316 Stainless Steel Low Profile Cap Assemblies are perfect for applications where a low profile design is both practical and preferred. Supplied with a same components as our Standard Cap Assemblies, the Low Profile Caps are tightened by placing a flat neoprene pad on the surface of the Cap, applying pressure and turning until tight. **NOTE:** Requires drilling a 5/8" (16 mm) diameter hole in the panel for assembly.

### 2" (50.8 MM) LOW PROFILE CAP ASSEMBLY

| CAT. NO. | FINISH |
|---|---|
| LPC2BS | Brushed 316 Stainless |
| LPC2PS | Polished 316 Stainless |

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

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# CRL Standoff System Accessories and Mounting Hardware for 2" (50.8 mm) Standoffs

**ONLINE** *INSTALLATION RESOURCES*

Use the Concrete Anchor when securing the Standoff Base to a cement or stone wall. Requires 7/16" (11 mm) diameter hole in concrete.

### CONCRETE ANCHOR

| CAT. NO. | SIZE |
| --- | --- |
| CA3816 | 3/8"-16 |

Minimum order: 1 each.

Hanger Bolt Drivers make installing Hanger Bolts into wood studs a breeze.

### HANGER BOLT DRIVER

| CAT. NO. | SIZE |
| --- | --- |
| 165HB616 | 3/8" - 16 |

Minimum order: 1 each.

Hanger Bolts are available in both stainless and zinc, and can be used in wood, or with plastic anchors.

### HANGER BOLTS

| CAT. NO. | FINISH | SIZE |
| --- | --- | --- |
| HB38112S | Stainless | 3/8"-16 x 1-1/2" (38.1 mm) |
| HB38112Z | Zinc | 3/8"-16 x 1-1/2" (38.1 mm) |
| HB38212S | Stainless | 3/8"-16 x 2-1/2" (63.5 mm) |
| HB38212Z | Zinc | 3/8"-16 x 2-1/2" (63.5 mm) |

Minimum order: 1 each for Stainless; 10 each for Zinc.

Stainless Steel Allen Screws are available in incremental lengths from 1" (25.4 mm) to 2" (50.8 mm) for 2" (50.8 mm) diameter Standoffs.

### ALLEN SCREWS

| CAT. NO. | FINISH | SIZE |
| --- | --- | --- |
| AS381 | Stainless Steel | 3/8"-16 x 1" (25.4 mm) |
| AS38114 | Stainless Steel | 3/8"-16 x 1-1/4" (31.7 mm) |
| AS38112 | Stainless Steel | 3/8"-16 x 1-1/2" (38.1 mm) |
| AS38134 | Stainless Steel | 3/8"-16 x 1-3/4" (44.4 mm) |
| AS382 | Stainless Steel | 3/8"-16 x 2" (50.8 mm) |

Minimum order: 10 each. Must be ordered in increments of 10.

Full 36" (914 mm) lengths of stainless or zinc Threaded Rod will permit you to cut Rod to desired length.

### THREADED RODS

| CAT. NO. | FINISH | SIZE |
| --- | --- | --- |
| TR3816X36S | Stainless | 3/8"-16 x 36" (914 mm) |
| TR3816X36Z | Zinc | 3/8"-16 x 36" (914 mm) |

Minimum order: 1 each.

Vinyl Washers for 2" (50.8 mm) diameter Standoffs. Set consists of two washers, one with a sleeve.

### VINYL WASHERS

| CAT. NO. | DESCRIPTION |
| --- | --- |
| CWK2 | Washer Set for 2" (50.8 mm) Standoffs |

Minimum order: 1 pack.

Hex and Nylock Hex Nuts are used with Allen Screws or Threaded Rod for securing 2" (50.8 mm) diameter Standoffs.

Hex Nut        Nylock Hex Nut

### HEX AND NYLOCK HEX NUTS

| CAT. NO. | FINISH | TYPE | SIZE |
| --- | --- | --- | --- |
| HN3816S | Stainless | Hex | 3/8"-16 |
| HN3816Z | Zinc | Hex | 3/8"-16 |
| NLN3816S | Stainless | Nylock | 3/8"-16 |
| NLN3816Z | Zinc | Nylock | 3/8"-16 |

Minimum order: 10 each. Must be ordered in increments of 10.

Flat and Lock Washers are used when attaching Standoffs to panels or substrates. Available in two finishes.

Flat Washer        Lock Washer

### FLAT AND LOCK WASHERS

| CAT. NO. | FINISH | TYPE | SIZE |
| --- | --- | --- | --- |
| FW38S | Stainless | Flat | 3/8"-16 |
| FW38Z | Zinc | Flat | 3/8"-16 |
| LW38S | Stainless | Lock | 3/8"-16 |
| LW38Z | Zinc | Lock | 3/8"-16 |

Minimum order: 10 each. Must be ordered in increments of 10.

Acorn Nuts are commonly used on Threaded Rods to protect the thread during installation. Tee Nuts are mainly used in wood or plywood applications where they can be installed on the back side. Tee Nuts accept Allen Screws or Threaded Rod.

Acorn Nut        Tee Nut

### ACORN AND TEE NUTS

| CAT. NO. | FINISH | TYPE | SIZE |
| --- | --- | --- | --- |
| ACN3816S | Stainless | Acorn | 3/8"-16 |
| ACN3816Z | Zinc | Acorn | 3/8"-16 |
| TN3816Z | Zinc | Tee | 3/8"-16 |

Minimum order: 10 each. Must be ordered in increments of 10.

The Standoff Wrench provides a quick and efficient method of tightening and loosening the Cap Assembly of Round Standoffs from 1-1/2" (38.1 mm) to 2" (50.8 mm) in diameter.

### STANDOFF WRENCH

| CAT. NO. | FOR DIAMETERS |
| --- | --- |
| SSW12 | 1-1/2" to 2" (38.1 to 50.8 mm) |

Minimum order: 1 each.

Adjustable Strap Wrench for tightening or loosening 3/4" to 4" (19 to 102 mm) diameter Standoff Bases. Overall handle size is 4" (102 mm).

### ADJUSTABLE STRAP WRENCH

| CAT. NO. | FOR DIAMETERS |
| --- | --- |
| ASW12 | 3/4" to 4" (19 to 102 mm) |

Minimum order: 1 each.

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## CRL Custom Manufactured Standoff Service

- Machined to Your Specifications in Lengths Up to 48" (1219 mm)
- Choose From a Variety of Round and Square Bar Stock Dimensions
- Available in the Following Finishes: Polished Stainless, Brushed Stainless, Polished Brass, Satin Brass, Sandblasted Stainless Steel, and Powder Paint
- Custom Plated Finishes Are Also Available
- Miter Cut or Angled Edges Available
- Welded Flanges or Plates Available
- Timely Delivery

CRL Custom Standoff Fittings may require machining, welding, bending, and special finishing. This can all be accomplished with our in-house equipment for the fastest delivery time in the industry. Not only will we bring your design to reality, but our Technical Sales staff is here to assist you with alternate designs or suggestions. We work every day with our customers to fulfill their glass attachment needs. Fax or e-mail your Custom Standoff requirements to CRL Technical Sales and we will quickly respond with a quotation.

**\* NOTE:** If diameter is equal to, or less than 2-1/2" (63.5 mm) or square is equal to, or less than 3" (76.2 mm), the maximum length is 48" (1219 mm). If diameter is between 3" and 4" (76.2 to 102 mm), the maximum length is 10" (254 mm).

Custom Cap Diameters

Custom Base Diameters

*Custom Base Lengths

Bending (on Selected Diameters)

Welding on All Diameters

Custom Square Caps

Custom Square Base Widths

*Custom Square Base Lengths

Precision Machining

Custom Counter

Custom Table Top

Custom Railing

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## CRL 1-1/4" (31.7 mm) Diameter Stud Mount Standoff Bases

**ONLINE** **INSTALLATION RESOURCES**

**USE MONOLITHIC TEMPERED GLASS**

- Brushed 316 Stainless Steel Available in Two Lengths
- Easily Attached or Removed From a Wall Mounted Stud

1-1/4" (31.7 mm)

Length

CRL Stud Mount Standoffs are designed for easy removal from the wall without dismantling from the panel or glass. Commonly used in areas that conceal inspection hatches or machinery that requires scheduled maintenance. Simply loosening the Allen set screw allows for easy removal. Panels require a 5/8" (16 mm) hole for assembly. Does not include a Cat. No. CAP114BS Standoff Cap (see page 13SC). Designed to be used with our 1-1/4" (31.7 mm) Diameter Standoff components (see page 15SC).
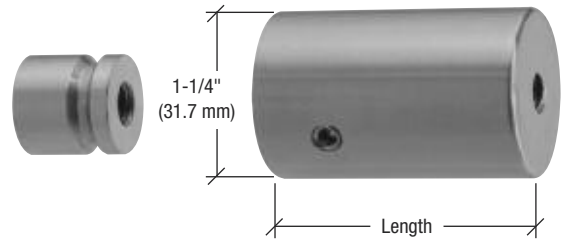
## CRL 1-1/4" (31.7 mm) Diameter Stud Mount Standoff Installation Steps

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

1-1/4" (31.7 mm)

1-1/2" Stud Mounted Standoff

2" Stud Mounted Standoff

Diameter

| CAT. NO. | LENGTH | FINISH |
|---|---|---|
| SMS114112BS | 1-1/2" (38.1 mm) | Brushed 316 Stainless |
| SMS1142BS | 2" (50.8 mm) | Brushed 316 Stainless |

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
**NOTE:** Minimum material thickness for use with 1-1/4" (31.7 mm) diameter Standoff Bases is 1/4" (6.3 mm) when used with Standard and Low Profile Caps, and 3/8" (9.5 mm) when used with Flush Mount Cap.

Set and Fasten Stud to Wall

Place Base onto Stud and Fasten with Allen Set Screw

Align Glass on Standoff

Insert Cap and Tighten with Wrench

## CRL 1-1/4" (31.7 mm) Diameter Adjustable Standoff Base

Adjustable up to 1/4" (6.3 mm)

1-1/4" (31.7 mm)

1-3/4" to 2" (44.5 to 50.8 mm)

**USE MONOLITHIC TEMPERED GLASS**
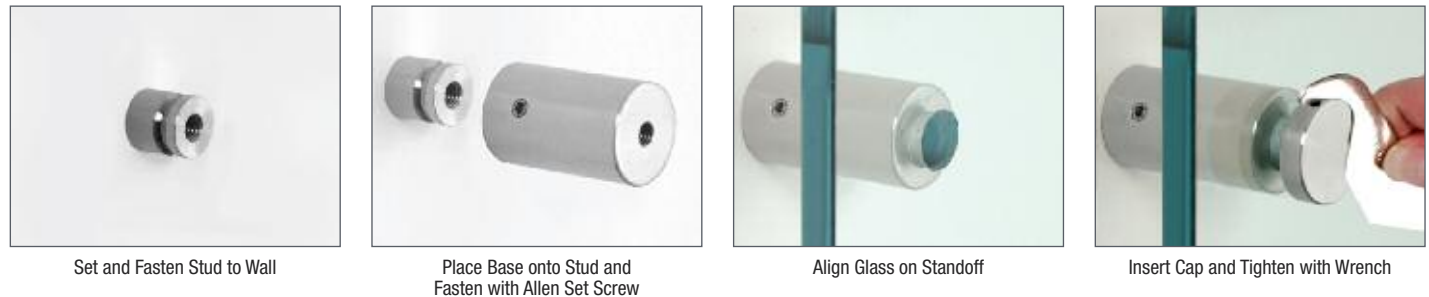
- Allows 1/4" (6.3 mm) Adjustment for Irregular Walls
- Eliminates Washers to Accomplish an Even Sightline
- Brushed 316 Stainless Steel
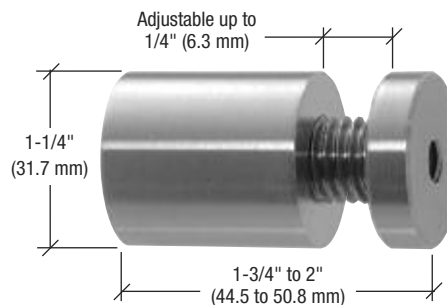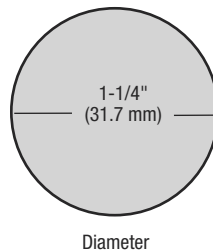
1-1/4" (31.7 mm)

Diameter

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

The CRL Adjustable Standoff is primarily designed for use on uneven walls or surfaces. When the adjustment collar is in the compressed position the base measures 1-3/4" (44.5 mm) in length. When the collar is backed out an additional 1/4" (6.3 mm) is gained for a 2" (50.8 mm) length. Any length in-between is possible simply by rotating the collar to the desired measurement and securing it with the Allen set screw. Panels require a 5/8" (16 mm) hole for assembly. Does not include a Cat. No. CAP114BS Standoff Cap (see page 13SC). Designed to be used with our 1-1/4" (31.7 mm) Diameter Standoff components (see page 15SC).

| CAT. NO. | LENGTH | FINISH |
|---|---|---|
| ASB114134BS | Adjustable 1-3/4" to 2" | Brushed 316 Stainless |

Minimum order: 1 each. All Standoffs can be combined for quantity pricing.
**NOTE**: Minimum material thickness for use with 1-1/4" (31.7 mm) diameter Standoff Bases is 1/4" (6.3 mm) when used with Standard and Low Profile Caps, and 3/8" (9.5 mm) when used with Flush Mount Cap.

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## CRL Tube Style Standoff Base and Cap Assembly

- Convenient Compact Design Includes Base, Cap, Stud, and Washers
- Two Diameters - 5/8" (15.9 mm) and 1" (25.4 mm)
- Available in Two Finishes: Chrome and Satin Chrome

**USE MONOLITHIC TEMPERED GLASS**

**ONLINE** *INSTALLATION RESOURCES*

5/8" (15.9 mm) Diameter
Shown in Satin Chrome Finish

1" (25.4 mm) Diameter
Shown in Chrome Finish

Available in chrome or satin chrome finishes, CRL's Tube Style Standoffs are very unique. The 5/8" (15.9 mm) and 1" (25.4 mm) diameter Standoffs come complete with 1" (25.4 mm) long Base, Threaded Insert, and Cap with welded stud including clear washers and vinyl sleeve. Tube Style Standoffs are ideal for exhibit building, decorative acrylic panels, signage or lightweight glass displays. Designed primarily for the installation of vertical panels or displays, Tube Style Standoffs can also be used for horizontal applications such as elevating a glass top on a table or desk.

Required Panel Fabrication: 5/8" (15.9 mm) diameter Standoffs require 9/32" (7 mm) holes for installation; 1" (25.4 mm) diameter Standoffs require 7/16" (11 mm) drilled holes. The maximum recommended panel thickness is 3/8" (9.5 mm).

Installation is quick and easy. Using the Cat. No. 8X2FHPSMS Screw, simply attach Threaded Insert to substrate, screw-on Standoff Base, install Cap Assembly through the panel and you're done.

| CAT. NO. | DIAMETER | LENGTH | FINISH |
|---|---|---|---|
| TS58CH | 5/8" (15.9 mm) | 1" (25.4 mm) | Chrome |
| TS58SC | 5/8" (15.9 mm) | 1" (25.4 mm) | Satin Chrome |
| TS1CH | 1" (25.4 mm) | 1" (25.4 mm) | Chrome |
| TS1SC | 1" (25.4 mm) | 1" (25.4 mm) | Satin Chrome |

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

## Installation

| Set Threaded Insert to Wall | Place Base onto Threaded Insert and Fasten | Tighten Base with Cat. No. ASW12 Wrench | Align Hole in Panel and Install Cap Assembly | Tighten Cap with Cat. No. SOW Wrench |

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

- Cap Assembly
- Washer
- Vinyl Sleeve
- Washer
- Standoff Base
- Threaded Insert
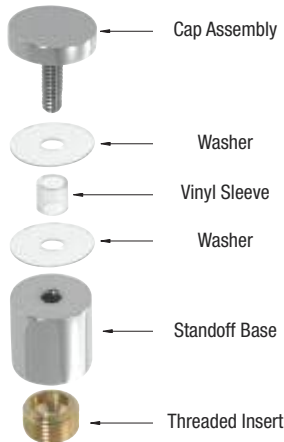
## Installation Options and Accessories
**Note:** Mounting and Installation Accessories ordered separately

**CAT. NO. HR12X112**
Plastic Anchor
For use in concrete, brick or stone

**CAT. NO. T11011**
TOGGLER® Anchor
For attaching Standoffs into drywall, panels, plaster walls or hollow core doors

**CAT. NO. 8X2FHPSMS**
Phillips Screw
For installation of Threaded Insert into anchor or wood blocking

**CAT. NO. 70231**
Toggle Bolt
Used for installations into wallboard, wood or steel up to 2-1/2" (63.5 mm) thick

**CAT. NO. ASW12**
Adjustable Strap Wrench
For tightening or loosening Standoff Bases

**CAT. NO. S0W**
Standoff Wrench
For tightening or loosening Standoff Caps

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## CRL Adjustable Height Standoff Caps

*NEW!*

- Allows 1/4" (6 mm) Adjustment for Irregular Mounting Surfaces
- For 3/8" to 1/2" (10 to 12 mm) Tempered Glass
- Available in Four Sizes
- Standoff Bases Sold Separately

**USE MONOLITHIC TEMPERED GLASS**

CRL Adjustable Height Standoff Caps are the perfect hardware when it is imperative that glass panels are installed so that they are plumb and in line with one another. Small imperfections on the mounting surface or slightly bowed glass may result in vertical misalignment of the standoffs and difficulties in lining up the panels. Shimming the glass can sometimes be used to alleviate these problems however, it's not a very accurate method and often requires that the mounted glass panel must be taken off its connectors. These CRL Adjustable Height Standoff Caps allow for 1/4" (6 mm) alignment with just a simple turn of a screw without having to take down the glass panel.

The complete assembly fits over a Standoff Base (sold separately). Custom finishes are available on request. Assembly consists of: one Cap, one Adjustable Collar, One special Internal Screw, two clear Washers, and one Grommet to protect the glass. 3/4" (19 mm) fitting requires a 1/2" (12.7 mm) hole in the glass. 1-1/4", 1-1/2", and 2" (31.7, 38.1, and 50.8 mm) fittings require a 5/8" (16 mm) hole in the glass.
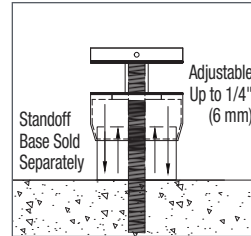
Patent Pending

Standoff Base Sold Separately — Adjustable Up to 1/4" (6 mm)

*ONLINE* **INSTALLATION** *RESOURCES*

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

| FOR STANDOFF BASE DIAMETER | BRASS CAT. NO. | CHROME CAT. NO. | SATIN CHROME CAT. NO. | BRUSHED STAINLESS CAT. NO. | POLISHED STAINLESS CAT. NO. | GUN METAL CAT. NO. |
|---|---|---|---|---|---|---|
| 3/4" (19 mm) | ADJCAP34BR | ADJCAP34CH | ADJCAP34SC | ADJCAP34BS | ADJCAP34PS | ADJCAP34GM |
| 1-1/4" (31.7 mm) | ADJCAP114BR | ADJCAP114CH | ADJCAP114SC | ADJCAP114BS | ADJCAP114PS | ADJCAP114GM |
| 1-1/2" (38.1 mm) | --- | --- | --- | ADJCAP112BS | ADJCAP112PS | --- |
| 2" (50.8 mm) | --- | --- | --- | ADJCAP2BS | ADJCAP2PS | --- |

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

**NOTE:** Standoff Bases are sold separately.

| Set Fastener to Surface | Thread Base onto Fastener and Internal Screw on Top of Base | Place Adjustable Collar onto Base | Align Glass on Standoff Base with Collar | Turn Screw Counter Clockwise to Raise or Clockwise to Lower Collar for Leveling | Tighten Cap with Cat. No. SSW12 Wrench |

## CRL Adjustable Standoff

- Accommodates 3/16" to 3/8" (5 to 10 mm) Thick Panels
- Available in Chrome and Satin Chrome Finishes

Similar to CRL's Edge Grips, our 1" (25.4 mm) diameter Adjustable Standoff is the ideal solution for mounting name plates, signage or decorative panels to the wall without drilling holes in the panel. The Standoff has a 5/8" (15.9 mm) long internal adjustable "+" which is designed to support the corners of 3/16" to 3/8" (5 to 10 mm) thick panels. Each Adjustable Standoff can grip and support up to four corners. Available in chrome and satin chrome, the Standoff comes with a screw, anchor, and Allen wrench.

Chrome Finish Shown
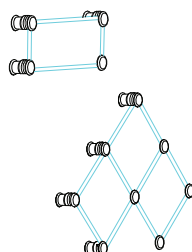
| CAT. NO. | DIAMETER | FINISH |
|---|---|---|
| AS1CH | 1" (25.4 mm) | Chrome |
| AS1SC | 1" (25.4 mm) | Satin Chrome |

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

## CRL Post Mounted Standoff

- Designed for Use With 3/8", 1/2", and 5/8" (10, 12, and 16 mm) Tempered Glass
- Made of 316 Alloy Stainless Steel
- Brushed and Polished Stainless Finishes
- Flush Mount Cap

*NEW!*

The CRL Post Mounted Standoff is extremely versatile and can be mounted to a structural post or frame member to transfer loads or used as a traditional Standoff installed into a base to support a glass top. Glass fabrication consists of a 1-1/16" (26.3 mm) countersunk hole for each glass fastening point. The Standoff Base measures 1-1/8" (28.5 mm) diameter by 2-3/8" (60 mm) tall. The standoff comes with a flush cap, base, a 3-3/4" (95 mm) by 5/8" (16 mm) all thread, and three hex nuts.

| CAT. NO. | FINISH |
|---|---|
| SPP0BS | Brushed 316 Stainless |
| SPP0PS | Polished 316 Stainless |

Minimum order: 1 each.

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## CRL Slot Mount Standoffs

- Designed to Hold 1/4" (6.3 mm), 3/8" (9.5 mm) or 1/2" (12.7 mm) Thick Panels
- No Drilling Required for Installation

CRL's Slot Mount Standoffs are designed to be mounted either vertically or horizontally, and can be used for installing partition panels, shelving or signage without drilling holes in the material. Nylon tip set screws hold panels firmly in place without damaging panel material or glass (set screw thread size is M10X1.5 pitch). These 1-1/4" (31.7 mm) diameter Standoff Bases are available in brass, chrome, satin chrome, brushed 316 stainless, and gun metal finishes. CRL's Standoff System Accessories can also be used for various mounting and installation options. (see page 15SC).

**ONLINE** *INSTALLATION RESOURCES*

1-1/4" (31.7 mm) Diameter
1/2" (12.7 mm)
1" (25.4 mm)
5/16"-18 Thread
1-5/8" (41.2 mm)

Set Fastener into Surface

Thread Onto Fastener

or Install on Standoff Base

USE MONOLITHIC TEMPERED GLASS
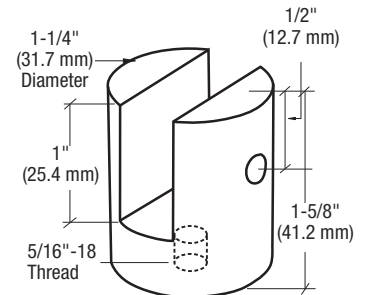
- Five Decorator Finishes

| MATERIAL THICKNESS | BRASS CAT. NO. | CHROME CAT. NO. | SATIN CHROME CAT. NO. | BRUSHED 316 STAINLESS CAT. NO. | GUN METAL CAT. NO. |
|---|---|---|---|---|---|
| 1/4" (6.3 mm) | SM14BR | SM14CH | SM14SC | SM14BS | SM14GM |
| 3/8" (9.5 mm) | SM38BR | SM38CH | SM38SC | SM38BS | SM38GM |
| 1/2" (12.7 mm) | SM12BR | SM12CH | SM12SC | SM12BS | SM12GM |

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

**Slot Mount Standoff Assemblies Consist of:**
1 Each Standoff
1 Each Nylon Tip Set Screw
1 Each Clear "L" Gasket

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

## CRL Stainless Steel Standoff

- Used to Mount Glass Panels to Walls, Brackets or Columns
- 1-3/16" (30.1 mm) Diameter
- Durable High Tech Finish

This CRL Stainless Steel Standoff Assembly is very popular in architectural applications to secure a lite of glass to a threaded metal bracket or column without the use of a frame. The glass is fabricated with the required holes, and then secured with the Standoff to create a frameless appearance. The Cat. No. SW30 Spanner Wrench is used to secure the Cap Assembly to the Standoff Base.

The Stainless Steel Standoff is designed to be used with panels ranging in thickness from 1/4" to 1/2" (6.3 to 12.7 mm). The maximum recommended panel size for 1/2" (12 mm) glass is 39" x 79" (990 x 2006 mm), with a maximum weight per attachment point of 55 pounds (25 kg). A 5/8" (16 mm) drilled hole is required for installation.
**NOTE:** The SS30 Standoff is not compatible with other CRL Standoff Systems.

**The SS30 Standoff Assembly Consists of:**
1 Cap - 1/4" (6.3 mm) Thick; 1 Base - 3/8" (9.5 mm) Thick;
1 Allen Screw - M8 Metric Thread x 1-3/4" (44 mm) Long with 1.25 thread pitch;
2 Vinyl Washers - 1-3/16" (30 mm) Diameter; 1 Vinyl Sleeve - 3/16" (5 mm) Long.

Due to the diversity of applications, weight limitations for Standoff Systems are dependent upon wall or substrate anchoring and material strengths.

Spanner Wrench

| CAT. NO. | DESCRIPTION |
|---|---|
| SS30 | Stainless Steel Standoff |
| SW30 | Spanner Wrench |

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

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## CRL Edge Grip Display System

**EG14**
for 1/4" (6.3 mm)
Thick Panels

**EG38**
for 3/8" (9.5 mm)
Thick Panels

**EG12**
for 1/2" (12.7 mm)
Thick Panels

- Designed to Hold Glass, Acrylic, Metal or Wood Panels in Thicknesses of 1/4" (6.3 mm), 3/8" (9.5 mm), or 1/2" (12.7 mm)
- No Drilling Required in Glass or Panel Materials

CRL's Edge Grips provide additional flexibility in attaching decorative panels or signage to walls or substrates. The Edge Grip allows material to be held to the wall without drilling holes in the face material. This allows for quick installation or adjustment of panels mounted in Edge Grips. 1-1/4" (31.7 mm) diameter Edge Grips are available in brass, chrome, satin chrome, brushed 316 stainless, and gun metal finishes, and are compatible with CRL Standoffs. We recommend CRL Edge Grips be used at the top, bottom, and sides of heavier panels for maximum support. Use Cat. No. 12X112PHPSMS Screws to attach Edge Grips directly into wood blocking. **NOTE:** Edge Grips only recommended for installation of square or rectangular panels.

**Edge Grip Specs**
Diameter: 1-1/4" (31.7 mm)
EG14 Length: 1-1/16" (27 mm)
EG38 Length: 1-1/8" (28.6 mm)
EG12 Length: 1-3/16" (30.1 mm)

Edge Grips are perfect for signs or posters

Edge Grips shown in use on display columns commonly found in museums, at trade shows, etc.

### REPLACEMENT SCREWS FOR EDGE GRIPS

| CAT. NO. | DESCRIPTION |
|---|---|
| EGCS | 5/16"-18 Socket Head Cap Screw |
| EGNS | 3/16"-32 Nylon Tipped Allen Screw |

Minimum order: 1 each.

### EDGE GRIPS

| MATERIAL THICKNESS | BRASS CAT. NO. | CHROME CAT. NO. | SATIN CHROME CAT. NO. | BRUSHED 316 STAINLESS CAT. NO. | GUN METAL CAT. NO. |
|---|---|---|---|---|---|
| 1/4" (6.3 mm) | EG14BR | EG14CH | EG14SC | EG14BS | EG14GM |
| 3/8" (9.5 mm) | EG38BR | EG38CH | EG38SC | EG38BS | EG38GM |
| 1/2" (12.7 mm) | EG12BR | EG12CH | EG12SC | EG12BS | EG12GM |
| Cover Disk* | EGD1SKBR | EGD1SKCH | EGD1SKSC | EGD1SKBS | EGD1SKGM |

Minimum order: 1 each. All Edge Grips can be combined for quantity pricing. *One Cover Disk comes with each Edge Grip. Additional Cover Disks sold separately.

## CRL Panel Mount Standoff

- For 1/4" to 3/8" (6 mm to 10 mm Thick) Panels
- Available in Brushed and Polished Stainless Steel

5/16" (7.9 mm)

**NEW!**

3/4" (19 mm)

Threaded Ring     Body     Cover Cap
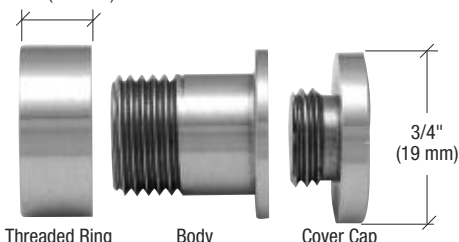
Made from 316 stainless steel, CRL's Panel Mount Standoffs are a quick and easy method to mount 1/4" to 3/8" (6 to 10 mm) glass, signage or decorative panels to any substrate. Requiring a 9/16" (14 mm) diameter hole for installation, these attractive, 3-part Standoffs will secure your decorative panel or nameplate to a wall in a matter of minutes. Simply install the Standoff Body through the drilled hole in the panel, screw the 5/16" (7.9 mm) thick Threaded Ring onto the Standoff Body and place the panel in the desired location. Using customer supplied fasteners, install screws into the Standoff Body securing it to the substrate. To complete the install, screw on the Cover Caps. Available in brushed or polished stainless steel. **NOTE:** CRL recommends using Cat. No. 8X112FHPSMS Screw for installation to substrate.

| CAT. NO. | FINISH |
|---|---|
| S0PMBS | Brushed 316 Stainless |
| S0PMPS | Polished 316 Stainless |

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

## CRL Framepegs

- Perfect for Hanging Lightweight Mirrors, Signs, Artwork
- Available in Aluminum or Acrylic

Aluminum Style Framepegs
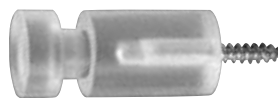
Acrylic Style Framepegs

CRL Framepegs are a new and easy-to-use method of displaying art objects, mirrors, signage or posters without drilling holes in the items being displayed. Framepegs are ideal for either retail or residential applications, and can accept panels or objects up to 1/4" (6.3 mm) thick, with a maximum weight of 33 pounds (15 kg). Available in 6061-T6 aluminum or clear acrylic material, Framepegs can be used individually as a hook, in pairs to support an item at the bottom, or at both the top and bottom to provide maximum support. CRL Framepegs ship in a pack of four each with wall anchors and installation instructions.

| CAT. NO. | DIAMETER | DESCRIPTION |
|---|---|---|
| FPAL4 | 3/4" (19 mm) | Aluminum Set of 4 |
| FPAC4 | 7/8" (22.2 mm) | Acrylic Set of 4 |

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

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## CRL Adjustable Edge Grips

*NEW!*

- Adjustable for Panel Thicknesses From 1/4" to 1/2" (6 to 12 mm)
- 1-1/4" (31.7 mm) Diameter
- Available in Brushed and Polished 316 Stainless Steel

CRL's Adjustable Edge Grips have a removable Cap to allow adjusting this versatile fitting for panel thicknesses from 1/4" to 1/2" (6 to 12 mm). The Edge Grip can easily be installed to any substrate by using the screw and anchor which is included in the pack. The Adjustable Edge Grip provides quick installation and adjustment to safely secure panels. We recommended CRL Edge Grips be used at the top, bottom, and sides of heavier panels for maximum support.

| CAT. NO. | BARREL HEIGHT | FINISH |
|---|---|---|
| AEG114BS | 5/8" (16 mm) | Brushed 316 Stainless |
| AEG114PS | 5/8" (16 mm) | Polished 316 Stainless |

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

## CRL Single Sided Adjustable Edge Grips

*NEW!*

- Adjustable for Panel Thicknesses From 1/8" to 1/2" (3 to 12 mm)
- For Use in Both Vertical or Horizonal Applications
- 1" and 1-1/4" (25.4 and 31.7 mm) Diameters
- Available in Brushed and Polished 316 Stainless Steel

CRL's Single Sided Adjustable Edge Grips provide the flexibility for either vertical or horizonal applications. Designed to accommodate panel thicknesses of 1/8" to 1/2" (3 to 12 mm). Install panels on a vertical substrate or elevate a glass top on a side or sofa-back table; the uses for this Edge Grip are limitless. Vinyl washers with mounting screw and anchor included.

| CAT. NO. | DIAMETER | BARREL HEIGHT | FINISH |
|---|---|---|---|
| ABEG1BS | 1" (25.4 mm) | 1-1/4" (31.7 mm) | Brushed 316 Stainless |
| ABEG1PS | 1" (25.4 mm) | 1-1/4" (31.7 mm) | Polished 316 Stainless |
| ABEG114BS | 1-1/4" (31.7 mm) | 1-1/2" (38.1 mm) | Brushed 316 Stainless |
| ABEG114PS | 1-1/4" (31.7 mm) | 1-1/2" (38.1 mm) | Polished 316 Stainless |

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

## CRL Square Cap Adjustable Edge Grips

*NEW!*

- Adjustable for Panel Thicknesses From 1/8" to 1/2" (3 to 12 mm)
- For Use in Both Vertical or Horizonal Applications
- 1" and 1-1/4" (25.4 and 31.7 mm) Diameters
- Available in Brushed and Polished 316 Stainless Steel

CRL's Square Cap Adjustable Edge Grips are identical to the Single Sided Adjustable Edge Grip except for the Square Cap design feature. Available in both 1" and 1-1/4" (25.4 and 31.7 mm) diameter base configurations, these Edge Grips can accommodate panels ranging in thicknesses of 1/8" to 1/2" (3 to 12 mm). Used to install artwork or decorative panels on walls or support horizontal panels in furniture applications. Vinyl washers with mounting screw and anchor included.

| CAT. NO. | DIAMETER | BARREL HEIGHT | FINISH |
|---|---|---|---|
| SAEG1BS | 1" (25.4 mm) | 1-1/4" (31.7 mm) | Brushed 316 Stainless |
| SAEG1PS | 1" (25.4 mm) | 1-1/4" (31.7 mm) | Polished 316 Stainless |
| SAEG114BS | 1-1/4" (31.7 mm) | 1-1/2" (38.1 mm) | Brushed 316 Stainless |
| SAEG114PS | 1-1/4" (31.7 mm) | 1-1/2" (38.1 mm) | Polished 316 Stainless |

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

## CRL Double Sided Adjustable Edge Grips

*NEW!*

- Adjustable for Panel Thicknesses From 1/8" to 1/2" (3 to 12 mm)
- For Use in Both Vertical or Horizonal Applications
- 1" and 1-1/4" (25.4 and 31.7 mm) Diameters
- Available in Brushed and Polished 316 Stainless Steel

CRL's Double Sided Adjustable Edge Grips provide the flexibility for a variety of applications. Designed to accommodate panel thicknesses of 1/8" to 1/2" (3 to 12 mm), CRL Double Sided Adjustable Edge Grips can also be used with our Single Sided Adjustable Edge Grips to construct large displays or signage projects. Vinyl washers with mounting screw and anchor included.

| CAT. NO. | DIAMETER | BARREL HEIGHT | FINISH |
|---|---|---|---|
| DAEG1BS | 1" (25.4 mm) | 1-1/4" (31.7 mm) | Brushed 316 Stainless |
| DAEG1PS | 1" (25.4 mm) | 1-1/4" (31.7 mm) | Polished 316 Stainless |
| DAEG114BS | 1-1/4" (31.7 mm) | 1-1/2" (38.1 mm) | Brushed 316 Stainless |
| DAEG114PS | 1-1/4" (31.7 mm) | 1-1/2" (38.1 mm) | Polished 316 Stainless |

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

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## CRL Hex Head Caps

*NEW!*

- 1" and 1-1/4" (25.4 and 31.7 mm) Diameters
- Flush Surfaces on Both Sides
- Use With 4-Way Hubs for Multi-Panel Installation
- Available in Brushed and Polished 316 Stainless Steel

CAT. NO.
HCAP1BS
5/16" (8 mm)
Hole Required

CAT. NO.
HCAP114PS
3/8" (10 mm)
Hole Required

CRL 1" and 1-1/4" diameter Hex Head Caps can be used with CRL's Round or Square Standoff Bases or used to mount signage or decorative panels directly to a wall or any flat surface. They are the ideal solution for the installation of acrylic or wood panels. The Hex Head Caps are flat on both sides and do not have a "collar" on the opposite side. Refer to pages 11SC and 15SC for installation accessories.

| CAT. NO. | DIAMETER | THREAD SIZE | FINISH |
|---|---|---|---|
| HCAP1BS | 1" (25.4 mm) | 1/4"-20 | Brushed 316 Stainless |
| HCAP1PS | 1" (25.4 mm) | 1/4"-20 | Polished 316 Stainless |
| HCAP114BS | 1-1/4" (31.7 mm) | 5/16"-18 | Brushed 316 Stainless |
| HCAP114PS | 1-1/4" (31.7 mm) | 5/16"-18 | Polished 316 Stainless |

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

## CRL 4-Way Hubs

*NEW!*

- Hubs Accommodate Panel Thicknesses of 1/4" and 3/8" (6 and 10 mm)
- Ideal for Mounting Decorative Panels or Signage
- Available in Brushed and Polished 316 Stainless Steel

CAT. NO.
4W11414BS

CAT. NO.
4W11438PS

These 1-1/4" (31.7 mm) diameter Hubs, used with Cat. No. 4WCAP114, allow you to install 1/4" or 3/8" (6 or 10 mm) thick panels at any angle and securely fasten them to a wall or any flat surface. Acrylic, wood or glass material is attractively displayed and the 4-Way Hub is completely hidden. Use your choice of fasteners from page 15SC.

| CAT. NO. | THICKNESS | FINISH |
|---|---|---|
| 4W11414BS | 1/4" (6 mm) | Brushed 316 Stainless |
| 4W11414PS | 1/4" (6 mm) | Polished 316 Stainless |
| 4W11438BS | 3/8" (10 mm) | Brushed 316 Stainless |
| 4W11438PS | 3/8" (10 mm) | Polished 316 Stainless |

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

## CRL 1-1/4" (31.7 mm) Diameter 4-Way Flat Cap

*NEW!*

- Used With CRL's 4-Way Hubs
- Flat on Both Sides
- Available in Brushed and Polished 316 Stainless Steel

4-Way Hub
Sold Separately

CRL's 1-1/4" (31.7 mm) diameter 4-Way Flat Cap is designed to be used with our 4-Way Hubs. Designed with "flat" sides, the Cap completely covers the 4-Way Hub presenting a clean, high tech appearance for wall mounted multi-panel or name plate displays. Tapped with 5/16"-18 threads on one side, the 4-Way Flat Cap utilizes our standard 1-1/4" (31.7 mm) Standoff Accessory installation hardware such as Allen Screws and Hanger Bolts (see page 15SC).

| CAT. NO. | FINISH |
|---|---|
| 4WCAP114BS | Brushed 316 Stainless |
| 4WCAP114PS | Polished 316 Stainless |

Minimum order: 1 each. All Standoff Caps can be combined for quantity pricing. **NOTE:** 4-Way Hubs are sold separately.

## CRL Panel Clips

- For 1/8", 3/16", and 1/4" (3, 5, and 6 mm) Thick Panels
- Available in 1" and 1-1/4" (25.4 and 31.7 mm) Diameters
- Supplied With Mounting Screw
- Available in Brushed and Polished 316 Stainless Steel

*NEW!*

CAT. NO.
APC114BS

CAT. NO.
APC1PS

These CRL Panel Clips can be used to easily install artwork or decorative panels to a substrate. Available in both 1" and 1-1/4" (25.4 and 31.7 mm) diameters, the Clips come with a mounting screw and vinyl gaskets that safely secure the panels. The Cover Disk snuggly fits into the front of the Clip and conceals the mounting screw. The versatile Clip can be used on a wide variety of materials.

| CAT. NO. | DIAMETER | FINISH |
|---|---|---|
| APC1BS | 1" (25.4 mm) | Brushed 316 Stainless |
| APC1PS | 1" (25.4 mm) | Polished 316 Stainless |
| APC114BS | 1-1/4" (31.7 mm) | Brushed 316 Stainless |
| APC114PS | 1-1/4" (31.7 mm) | Polished 316 Stainless |

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

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**standoffs**    Search

or enter the Catalog Number for complete product information

**30SC**

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CRL
US ALUMINUM

## CRL UV Threaded Adapters

- Allow You to Glue Standoffs, Knobs, Pulls, and Towel Bars to Glass Without Drilling Holes
- Fabricated From 316 Stainless Steel
- Available in Seven Diameters

**ONLINE** *INSTALLATION RESOURCES*   VIDEO

## CRL UV Adjustable Standoff Base

**USE MONOLITHIC TEMPERED GLASS**

- Adjusts to Uneven Surfaces
- Use for Glass Cabinets or Furniture Legs
- Brushed Stainless Steel Finish
- M6 x 1" (25 mm) Threaded Rod for Length Adjustment

Adjustable Length 1-15/16" to 2-1/8" (49.2 to 54 mm)

1/16" (1.6 mm)

Diameter

Thread Size

| CAT. NO. | DIAMETER | THREAD SIZE |
|---|---|---|
| UV6169* | 5/8" (16 mm) | M4 |
| UV34ADP | 3/4" (19 mm) | 1/4"-20 UNC |
| UV1ADP | 1" (25.4 mm) | 1/4"-20 UNC |
| UV1316ADP | 1-3/16" (30.2 mm) | 1/4"-20 UNC |
| UV114ADP | 1-1/4" (31.8 mm) | 5/16"-18 UNC |
| UV112ADP | 1-1/2" (38.1 mm) | 3/8"-16 UNC |
| UV2ADP | 2" (50.8 mm) | 3/8"-16 UNC |

Minimum order: 1 each. *UV6169 is 1 pack (4 per pack). Sizes can be combined for quantity pricing.

| CAT. NO. | DIAMETER | ADJUSTABLE LENGTH |
|---|---|---|
| UVAS0B1 | 1-5/8" (41.3 mm) | 1-15/16" to 2-1/8" (49.2 to 54 mm) |

Minimum order: 1 each.

## CRL UV Glass Shelf Supports

Perfect for all glass bookcases, etageres or cabinets, these CRL Glass Shelf Supports are fabricated from 1-9/16" (40 mm) diameter stainless steel tubing for strength and corrosion resistance. Available in four lengths, they are supplied complete with two 2" (51 mm) bonding plates and threaded rod. For Replacement Caps order Cat. No. UV611CAP.

- Brushed Stainless Steel Finish

**USE MONOLITHIC TEMPERED GLASS**

| CAT. NO. | DESCRIPTION | LENGTH |
|---|---|---|
| UV6111 | Shelf Support | 4-3/4" (120 mm) |
| UV6112 | Shelf Support | 8-5/8" (220 mm) |
| UV6113 | Shelf Support | 12-9/16" (320 mm) |
| UV6114 | Shelf Support | 16-1/2" (420 mm) |
| UV611CAP | Replacement Cap | ---- |

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

## CRL UV Vertical Countertop Support

- Base Easily Mounts Mechanically to the Countertop
- Choose From Three Beautiful Finishes to Match Decor
- Easy to Install and Maintain

2" (50.8 mm)
7-7/8" (200 mm)
2-7/16" (62 mm)
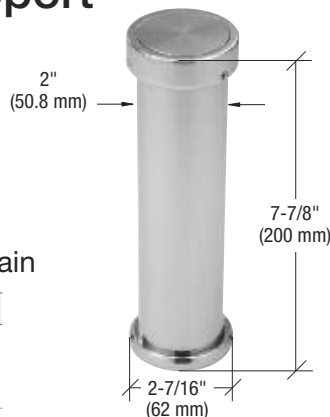
| CAT. NO. | FINISH |
|---|---|
| UV0130 | Chrome |
| UV0131 | Satin Chrome |
| UV0132 | Satin Nickel |

Minimum order: 1 each.

## CRL UV Angled Countertop Support

- Projects the Surface Outward for Extra Clearance
- Allows Precise Adjustment After UV Bonding for a Perfect Fit
- Hollow Tube Can Be Cut Down in Field

2" (50.8 mm)
20°
7-7/8" (200 mm)
2-7/16" (62 mm)

| CAT. NO. | FINISH |
|---|---|
| UV0135 | Chrome |
| UV0136 | Satin Chrome |
| UV0137 | Satin Nickel |

Minimum order: 1 each.

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## CRL Stainless Steel Supports for Granite, Marble, and Other Counter Materials

- Unique, Elegantly Styled Mounting System Provides Maximum Support
- Custom Sizes and Finishes Available

CRL's Stainless Steel Supports for granite, Corian®, wood, tile, concrete, and stone. New and innovative designs for kitchen and bathroom counters and tables, which make the room look unique and elegant.

The most recent kitchen designs feature stainless steel appliances and fixtures. CRL's Brushed Stainless Steel Supports are designed to combine all the contemporary features in the room to provide a coordinated appearance. CRL's Steel Supports are also designed for easy installation and each pack contains all the required hardware to install the Support. Custom lengths and finishes are available by special quote.

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. 5275. You can also e-mail us at **crlaurence.com/support**.

## CRL Round Stainless Steel Post Supports

- Integrated Design and Appearance Combined With Quality Construction Throughout
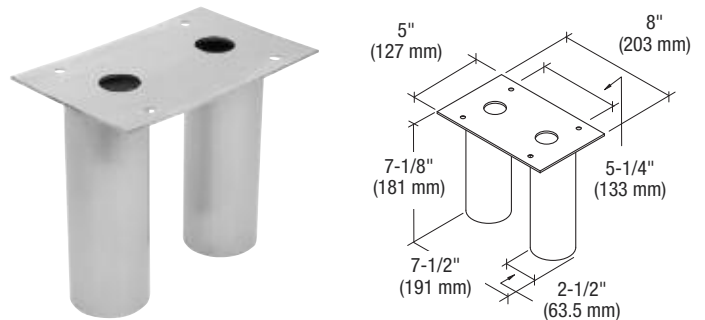
CRL's Round Stainless Steel Post Supports feature a welded mounting plate for added strength. The contemporary design gives kitchen or family room counters a unique appearance. The sturdy 7-1/8" (181 mm) high by 2-1/2" (63.5 mm) diameter tubing is easily installed and will highlight counter tops made of granite, Corian® or other materials. Minimum order is one each.

**CAT. NO. SPS6R**

## CRL Vertical Stainless Steel Supports

- Designed for Ease of Installation
- U.S. Patent D515,405 S
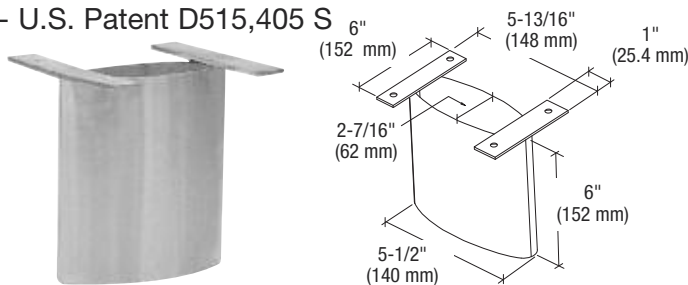
CRL's traditional Vertical Stainless Steel Supports are 6" (152 mm) high by 5-1/2" (140 mm) wide, and can be installed directly onto a wood or stone base. Supports easily hold another stone slab over the bottom surface. These beautifully designed Supports easily integrate with stainless steel kitchen appliances and surfaces. Minimum order is one each.

**ONLINE INSTALLATION RESOURCES**

**CAT. NO. SCS6V**

## CRL Angled Stainless Steel Supports

- Elegantly Styled and Sturdy
- U.S. Patent D515,405 S
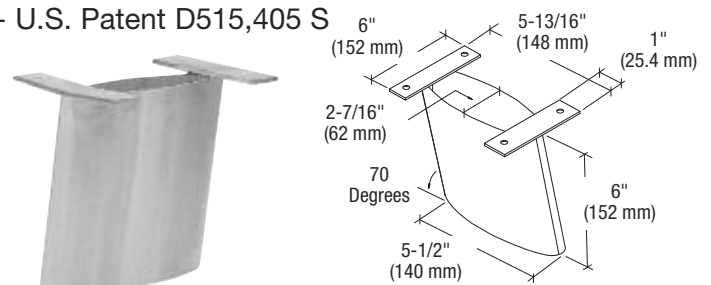
CRL's Angled Stainless Steel Supports have the same height and width dimensions as the Vertical Support, but project at a 2" (51 mm) angle from bottom to top for installation of cantilevered stone bar tops. These elegantly styled Supports will provide the finishing touch for custom granite counters. Minimum order is one each.

**ONLINE INSTALLATION RESOURCES**

**CAT. NO. SCS6A**

All Stainless Steel Counter Top Supports can be combined for quantity pricing.

Corian is a registered trademark of E.I. du Pont de Nemours and Company.

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## CRL Standoff Railing System

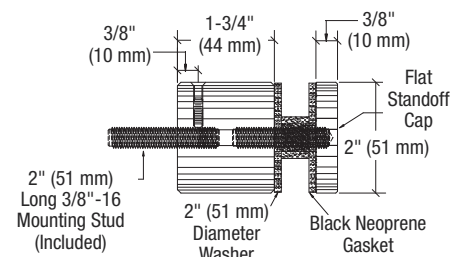- For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass Using DuPont® SentryGlas® Interlayers
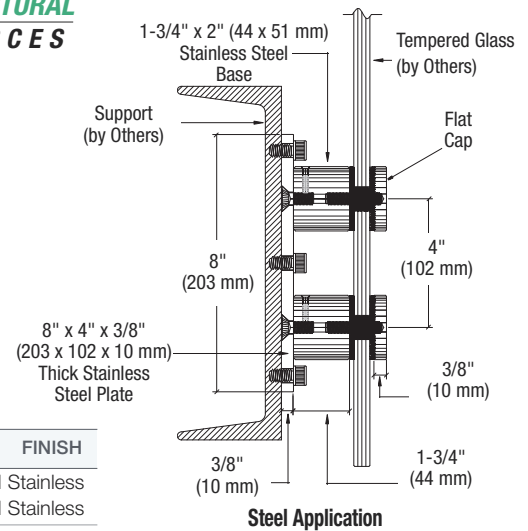- Designed for Guard Rail, Stairway or Ramp Areas in Exterior and Interior Applications
- Two Architectural Finishes Available
- Powder Coated Finishes are Also Available
- Compact Design for Minimal Obstruction
- Meets or Exceeds A.D.A. Requirements
- Custom Engineering and Fabrication Available

C.R. Laurence Company is now manufacturing our own Standoff Railing System. By specializing in the design and manufacturing of this innovative system, we offer you the ability to create custom railings that will address project-specific criteria. Product development is an ongoing process at CRL. Rest assured that the products we offer will represent the current evolution of the railing industry.

For a full line of Cap Rails, Hand Rails, and Hand Rail Brackets, visit **crlaurence.com/railing-systems**.

**USE MONOLITHIC TEMPERED GLASS**

or

**USE LAMINATED TEMPERED GLASS**

Auto Cad Details and Specifications are Available at: **crlaurence.com/standoff-systems**

Top Edge of Glass

Recommended Hand Rail Bracket Location

Line of Finished Floor

Top of Guard Rail/Handrail

6" (152.4 mm)

Toe of Stair

6" (152.4 mm)

4" (101.6 mm) Minimum Spacing

60" (1524 mm) Max Recommended Glass Panel Width

**NOTE**: If cap rail is not used a horizontal heavy wall hand rail is required to meet guard rail life and safety requirements.

## CRL Point Supported Standoff Base and Flat Cap

- For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass Using DuPont® SentryGlas® Interlayers
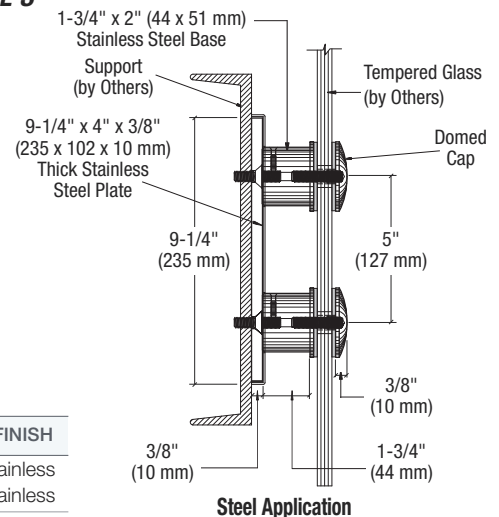- Brushed or Polished 316 Grade Stainless Finishes Available

**ONLINE** *ARCHITECTURAL RESOURCES*

**SPECIFICATIONS:**

For use with 1/2" or 3/4" (12 or 19 mm) Monolithic Tempered Glass. Also for use with 9/16" or 27/32" (13.52 or 21.52 mm) Laminated Tempered Glass using DuPont® SentryGlas® Interlayers (Do not use with raw or annealed glass)

**Glass Fabrication:** One 3/4" (19 mm) Diameter Hole Per Fitting

**Spacing:** Maximum horizontal spacing between fittings depends on its use and mounting conditions. The minimum height spacing is 4" (102 mm) center-to-center. Full engineering reports are available at **crlaurence.com/engineering**.

Dupont and SentryGlas are registered trademarks of E.I. du Pont de Nemours and Company.

3/8" (10 mm)

1-3/4" (44 mm)

3/8" (10 mm)

Flat Standoff Cap

2" (51 mm)

2" (51 mm) Long 3/8"-16 Mounting Stud (Included)

2" (51 mm) Diameter Washer

Black Neoprene Gasket

| CAT. NO. | GRADE | FINISH |
|---|---|---|
| RS0B2134BS | 316 | Brushed Stainless |
| RS0B2134PS | 316 | Polished Stainless |

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

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# CRL SRS STANDOFF RAILING SYSTEM

## CRL Point Supported Standoff Fitting With Flat Caps and Back Plate

- For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass Using DuPont® SentryGlas® Interlayers

ONLINE *ARCHITECTURAL RESOURCES*

**SPECIFICATIONS:**

For use with 1/2" or 3/4" (12 or 19 mm) Monolithic Tempered Glass. Also for use with 9/16" or 27/32" (13.52 or 21.52 mm) Laminated Tempered Glass using DuPont® SentryGlas® Interlayers. (Do not use with raw or annealed glass)

**Glass Fabrication:** Two 3/4" (19 mm) Diameter Holes Per Fitting

**Spacing:** Maximum horizontal spacing between fittings depends on its use and mounting conditions. Full engineering reports are available at crlaurence.com/engineering.

| CAT. NO. | GRADE | FINISH |
|---|---|---|
| RS0B20BS | 316 | Brushed Stainless |
| RS0B20PS | 316 | Polished Stainless |

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

*Diagram labels:* 1-3/4" x 2" (44 x 51 mm) Stainless Steel Base; Tempered Glass (by Others); Support (by Others); Flat Cap; 8" (203 mm); 4" (102 mm); 8" x 4" x 3/8" (203 x 102 x 10 mm) Thick Stainless Steel Plate; 3/8" (10 mm); 3/8" (10 mm); 1-3/4" (44 mm); **Steel Application**

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## CRL Point Supported Standoff Base and Domed Cap

- For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass Using DuPont® SentryGlas® Interlayers

ONLINE *ARCHITECTURAL RESOURCES*

**SPECIFICATIONS:**

For use with 1/2" or 3/4" (12 or 19 mm) Monolithic Tempered Glass. Also for use with 9/16" and 27/32" (13.52 or 21.52 mm) Laminated Tempered Glass using DuPont® SentryGlas® Interlayers (Do not use with raw or annealed glass)

**Glass Fabrication:** One 3/4" (19 mm) Diameter Hole Per Fitting

**Spacing:** Maximum horizontal spacing between fittings depends on its use and mounting conditions. The minimum height spacing is 4" (102 mm) center-to-center. Full engineering reports are available at crlaurence.com/engineering.
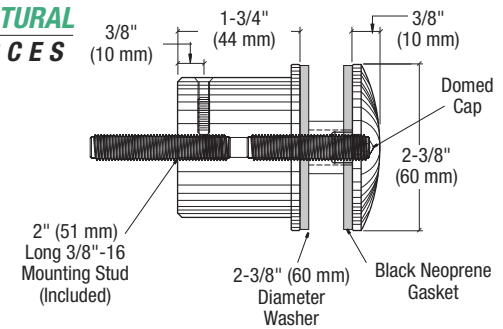
| CAT. NO. | GRADE | FINISH |
|---|---|---|
| RS0B2135BS | 316 | Brushed Stainless |
| RS0B2135PS | 316 | Polished Stainless |

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

- Brushed or Polished 316 Grade Stainless Finishes Available

*Diagram labels:* 3/8" (10 mm); 1-3/4" (44 mm); 3/8" (10 mm); Domed Cap; 2-3/8" (60 mm); 2" (51 mm) Long 3/8"-16 Mounting Stud (Included); 2-3/8" (60 mm) Diameter Washer; Black Neoprene Gasket

---

## CRL Point Supported Standoff Fitting With Domed Caps and Back Plate

- For Use With 1/2" and 3/4" (12 and 19 mm) Monolithic Tempered Glass or 9/16" and 27/32" (13.52 and 21.52 mm) Laminated Tempered Glass Using DuPont® SentryGlas® Interlayers

ONLINE *ARCHITECTURAL RESOURCES*

**SPECIFICATIONS:**

For use with 1/2" or 3/4" (12 or 19 mm) Monolithic Tempered Glass. Also for use with 9/16" or 27/32" (13.52 or 21.52 mm) Laminated Tempered Glass using DuPont® SentryGlas® Interlayers (Do not use with raw or annealed glass)

**Glass Fabrication:** Two 3/4" (19 mm) Diameter Holes Per Fitting

**Spacing:** Maximum horizontal spacing between fittings depends on its use and mounting conditions. Full engineering reports are available at crlaurence.com/engineering.

| CAT. NO. | GRADE | FINISH |
|---|---|---|
| RS0B25BS | 316 | Brushed Stainless |
| RS0B25PS | 316 | Polished Stainless |

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

*Diagram labels:* 1-3/4" x 2" (44 x 51 mm) Stainless Steel Base; Support (by Others); Tempered Glass (by Others); 9-1/4" x 4" x 3/8" (235 x 102 x 10 mm) Thick Stainless Steel Plate; Domed Cap; 9-1/4" (235 mm); 5" (127 mm); 3/8" (10 mm); 3/8" (10 mm); 1-3/4" (44 mm); **Steel Application**

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# CRL SRS STANDOFF RAILING SYSTEM

## CRL Adjustable Strap Wrench

- Adjustable to Fit Diameters From 3/4" to 4" (19 to 102 mm)

Our Adjustable Strap Wrench is the perfect tool for anyone installing Standoff Bases or polished threaded tubing. The strap is easily adjustable from 3/4" to 4" (19 to 102 mm) diameter using a conveniently located thumb lever in the handle. Minimum order is one each.

**CAT. NO. ASW12**

## CRL Cap Wrench for CRL's Glass Rail Standoff Fittings

- For 1-1/2" and 2" (38 and 51 mm) Diameter Round Standoffs

This convenient Cap Wrench provides a quick and efficient method of tightening and loosening the Cap Assembly of Round Standoffs from 1-1/2" to 2" (38 to 51 mm) in diameter.

**CAT. NO. SSW12**

## CRL Replacement Gasket Set for RS0B Series Standoff Fittings

**Each Gasket Set Includes:**
- 1 Each Grommet
- 2 Each Black Neoprene Gaskets

Replacement Gasket sets are designed for use with CRL's Point Supported Standoff Fittings.
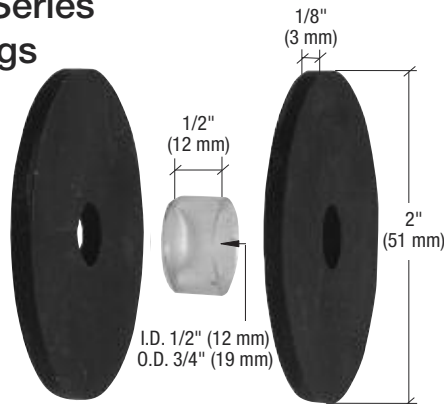
| CAT. NO. | WORKS WITH |
|---|---|
| RS0BRG1 | RS0B20, RS0B2134 |
| RS0BRG2 | RS0B25, RS0B2135 |

Minimum order: 1 each.

## CRL Replacement Standoff Caps for Point Supported Standoff Fittings

**ONLINE** *ARCHITECTURAL RESOURCES*

**Each Cap Assembly Includes:**
- 1 Each Cap
- 1 Each 3/8"-16 Allen Screw
- 1 Each Grommet
- 2 Each Black Neoprene Gaskets

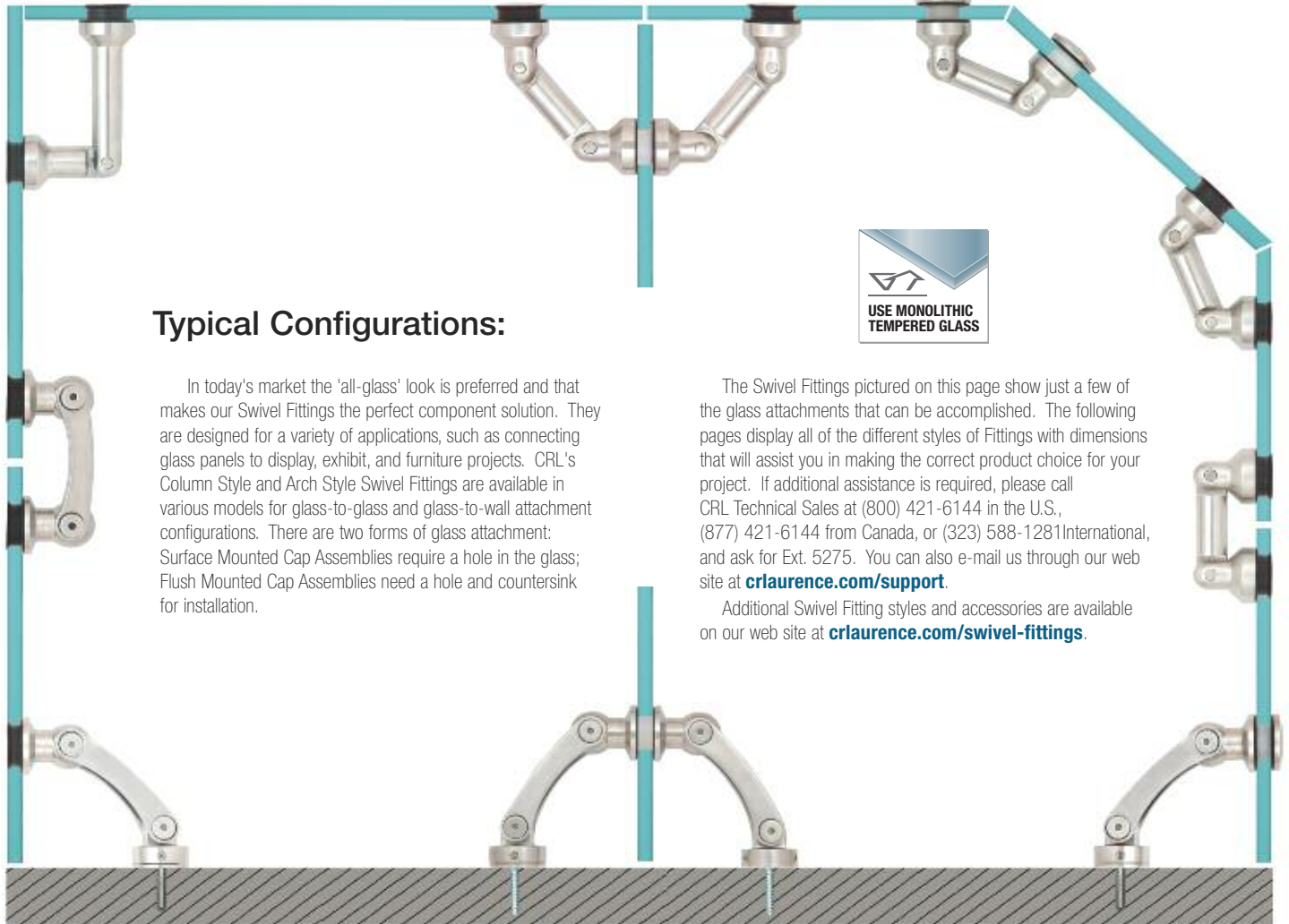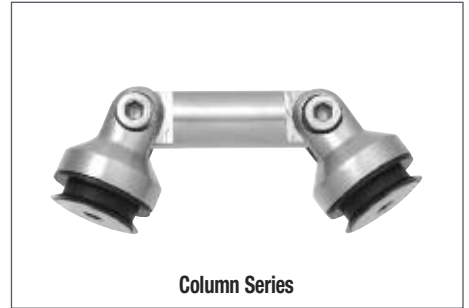Replacement Caps are designed for use with CRL's Point Supported Standoff Fittings. 316 alloy stainless steel.

Flat Cap 2" (51 mm)

Dome Cap 2-3/8" (60 mm)

| CAT. NO. | FINISH | DESCRIPTION |
|---|---|---|
| RCAP2BS | Brushed Stainless | Flat Cap for RS0B20BS/RS0B2134BS |
| RCAP2PS | Polished Stainless | Flat Cap for RS0B20PS/RS0B2134PS |
| RCAP3BS | Brushed Stainless | Dome Cap for RS0B25BS/RS0B2135BS |
| RCAP3PS | Polished Stainless | Dome Cap for RS0B25PS/RS0B2135PS |

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

## Hilti® KWIK HUS-EZ Screw Anchors

- Heat Treated Carbon Steel
- Great for Railing and Windscreen Applications

**ONLINE** *ARCHITECTURAL RESOURCES*

1/4" x 3" Long

3/8" x 4" Long
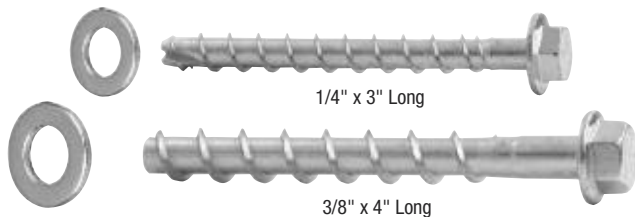
| CAT. NO. | DESCRIPTION | QTY/BOX |
|---|---|---|
| WBA14X3 | 1/4" x 3" (6 x 76 mm) Screw Anchor | 50 |
| WBAW14* | 1/4" (6 mm) Washer for WBA14X3 | 50 |
| WBA38X4 | 3/8" x 4" (10 x 102 mm) Screw Anchor | 50 |
| WBAW38* | 3/8" (10 mm) Washer for WBA38X4 | 50 |

Minimum order is 50 each. Must be ordered in increments of 50. *Must be used with Anchors to achieve the required attachment strength.

Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation.

## CRL Standoff Railing Spacers

- Designed for Shimming and Field Alignment of SRS Standoff System
- Available in Two Thicknesses 1/16" and 1/8" (1.6 and 3.2 mm)
- 316 Stainless Steel Alloy
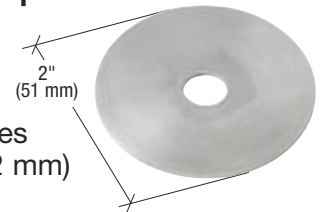
These CRL Standoff Railing Spacers solve the problem on construction projects where uneven substrate attachment is needed for RSOB Standoffs. Spacers are available in two different thicknesses to allow for minor adjustment, and can be stacked for best fitment. 10 per pack.

| CAT. NO. | THICKNESS | FINISH |
|---|---|---|
| RS0BS16BS | 1/16" (1.6 mm) | Brushed 316 Stainless |
| RS0BS16PS | 1/16" (1.6 mm) | Polished 316 Stainless |
| RS0BS18BS | 1/8" (3.2 mm) | Brushed 316 Stainless |
| RS0BS18PS | 1/8" (3.2 mm) | Polished 316 Stainless |

Minimum order: 1 pack

# CRL Standoff Railing Attachment Fasteners

Hilti® Kwik Bolt 3 are expansion anchors used to secure RS0B Series Standoffs to concrete.
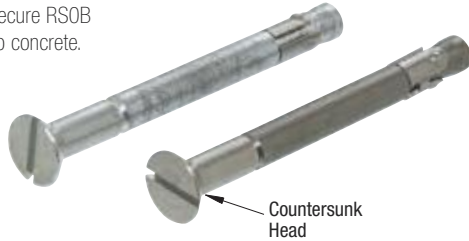
Countersunk Head

## KWIK BOLT 3

| CAT. NO. | GRADE | SIZE |
|----------|-------|------|
| EBA336 | 18-8 Stainless | 3/8" x 4" (102 mm) |
| EBA337 | Carbon Steel | 3/8" x 4" (102 mm) |

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

Dual-threaded Hanger Bolts are available in 304 stainless and can be used in wood substrates.
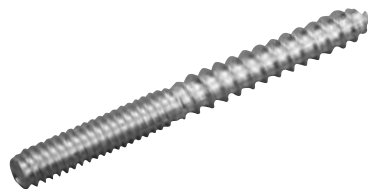
## HANGER BOLTS

| CAT. NO. | GRADE | SIZE |
|----------|-------|------|
| HB38112S | 304 Stainless | 3/8"-16 x 1-1/2" (38 mm) |
| HB38212S | 304 Stainless | 3/8"-16 x 2-1/2" (64 mm) |

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

These Hex and Nylock Hex Nuts are used with Allen Screws or Threaded Rod for securing 1-1/2" (38 mm) diameter Standoffs.

Hex Nut

Nylock Hex Nut

## HEX AND NYLOCK HEX NUTS

| CAT. NO. | GRADE | TYPE | SIZE |
|----------|-------|------|------|
| HN3816S | 304 Stainless | Hex | 3/8"-16 |
| NLN3816S | 304 Stainless | Nylock | 3/8"-16 |

Minimum order: 10 each.  Must be ordered in increments of 10.  Sizes can be combined for quantity pricing.

Flat and Lock Washers are used when attaching Standoffs to panels or substrates.

Flat Washer

Lock Washer

## FLAT AND LOCK WASHERS

| CAT. NO. | GRADE | TYPE | SIZE |
|----------|-------|------|------|
| FW38S | 304 Stainless | Flat | 3/8"-16 |
| LW38S | 304 Stainless | Lock | 3/8"-16 |

Minimum order: 10 each.  Must be ordered in increments of 10.  Sizes can be combined for quantity pricing.

Hilti is a registered trademark of Hilti Aktiengesellschaft Corporation.

Socket Flat Head Cap Screws are used to secure RS0B Series Standoffs to a steel substrate.
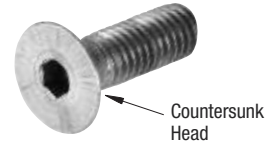
Countersunk Head

## SOCKET FLAT HEAD CAP SCREW

| CAT. NO. | GRADE | SIZE |
|----------|-------|------|
| SHCSF3816X1 | 18-8 Stainless | 3/8"-16 x 1" (25 mm) |

Minimum order: 10 each.  Must be ordered in increments of 10.
Can be combined with other Cap Screws for quantity pricing.

Socket Head Cap Screws are used to secure RS0B20 Standoffs to a steel substrate with a minimum of 3/8" (10 mm) of thread engagement.

## SOCKET HEAD CAP SCREWS

| CAT. NO. | GRADE | SIZE |
|----------|-------|------|
| SHCS38X34 | 304 Stainless | 3/8"-16 x 3/4" (19 mm) |
| SHCS38X112 | 304 Stainless | 3/8"-16 x 1-1/2" (38 mm) |

Minimum order: 10 each.  Must be ordered in increments of 10.
Can be combined with other Cap Screws for quantity pricing.

Stainless Steel Allen Screws are available in incremental lengths from 1" to 2" (25 to 51 mm) for RS0B Series Standoffs.
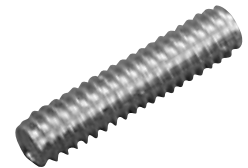
## ALLEN SCREWS

| CAT. NO. | GRADE | SIZE |
|----------|-------|------|
| AS381 | 304 Stainless | 3/8"-16 x 1" (25 mm) |
| AS38114 | 304 Stainless | 3/8"-16 x 1-1/4" (32 mm) |
| AS38112 | 304 Stainless | 3/8"-16 x 1-1/2" (38 mm) |
| AS38134 | 304 Stainless | 3/8"-16 x 1-3/4" (44 mm) |
| AS382 | 304 Stainless | 3/8"-16 x 2" (51 mm) |

Minimum order: 10 each.  Must be ordered in increments of 10.  Sizes can be combined for quantity pricing.

Full 36" (914 mm) lengths of stainless Threaded Rod will permit you to cut Rod to length required for secure mounting.

## THREADED ROD

| CAT. NO. | GRADE | SIZE |
|----------|-------|------|
| TR3816X36S | 304 Stainless | 3/8"-16 x 36" (914 mm) |

Minimum order: 1 each.

Acorn Nuts are commonly used for applications that need a finished top.

**NOTE:** Allen Screws or Threaded Rods must be installed to proper length during installation for Acorn nut to fit properly.

Acorn Nut

## ACORN NUT

| CAT. NO. | GRADE | SIZE |
|----------|-------|------|
| ACN3816S | 304 Stainless | 3/8"-16 |

Minimum order: 10 each.  Must be ordered in increments of 10.

go to crlaurence.com to search for
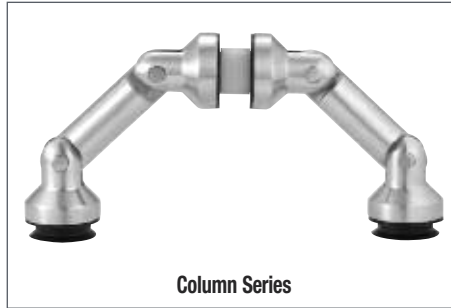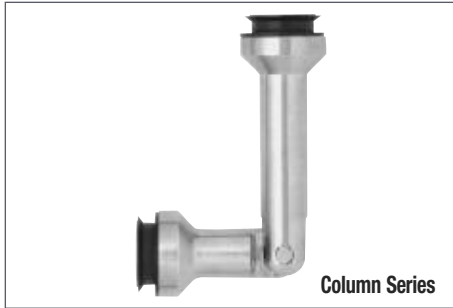
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**37SC**

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## CRL Swivel Fittings



**Column Series**



**Column Series**



**Column Series**



**USE MONOLITHIC TEMPERED GLASS**

## Typical Configurations:

In today's market the 'all-glass' look is preferred and that makes our Swivel Fittings the perfect component solution. They are designed for a variety of applications, such as connecting glass panels to display, exhibit, and furniture projects. CRL's Column Style and Arch Style Swivel Fittings are available in various models for glass-to-glass and glass-to-wall attachment configurations. There are two forms of glass attachment: Surface Mounted Cap Assemblies require a hole in the glass; Flush Mounted Cap Assemblies need a hole and countersink for installation.

The Swivel Fittings pictured on this page show just a few of the glass attachments that can be accomplished. The following pages display all of the different styles of Fittings with dimensions that will assist you in making the correct product choice for your project. If additional assistance is required, please call CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281International, and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.

Additional Swivel Fitting styles and accessories are available on our web site at **crlaurence.com/swivel-fittings**.



**Arch Series**



**Arch Series**



**Arch Series**

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# CRL Swivel Fittings

Column Series
Swivel Fittings
See pages
40SC to 42SC

## Styles of Swivel Fittings

- Column or Arch Style Fittings Available in Wall-to-Glass or Glass-to-Glass Models
- Brushed Stainless Finish
- Swivels to Fit Different Angles
- Choose Surface or Flush Mount Glass Fasteners (Sold Separately)

CRL offers two styles of Swivel Fittings. Our Column Style and Arch Style Fittings are used for wall or floor-to-glass applications, and glass-to-glass applications. Surface or Flush Glass Attachments are sold separately. This gives you a choice, depending on your needs. See below for more information.

Arch Series Swivel Fittings
See page 43SC to 44SC

This display unit was connected using our Column Series Swivel Fittings and our Round Standoffs

**USE MONOLITHIC TEMPERED GLASS**

## CRL Surface Mount Cap Assembly

CRL Surface Mount Cap Assemblies work with eight different Column or Arch Swivel Fittings. Each Cap is supplied with all necessary gaskets. Fittings are tightened with a 6 mm Allen wrench (not supplied). Use our Cat. No. PDT78 7/8" (22 mm) diameter Metal Bond Diamond Drill to make the required hole. Glass thickness range is 3/8" to 1/2" (10 to 12 mm). Thread pitch is M18 x 1.0.

**USE MONOLITHIC TEMPERED GLASS**

**ONLINE** *ARCHITECTURAL RESOURCES*

7/8" (22.2 mm)

1-7/16" (36.5 mm)

| CAT. NO. | DIAMETER | FINISH |
|----------|----------|--------|
| SGF36CAP | 1-7/16" (36.5 mm) | Brushed Stainless |

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.
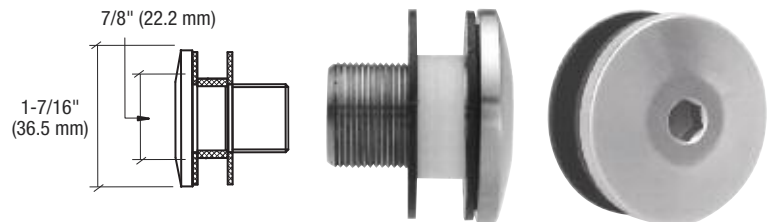
## CRL Flush Mount Cap Assembly

CRL Flush Mount Cap Assemblies work with eight different Column or Arch Swivel Fittings. Each Cap is supplied with all necessary gaskets. Fittings are tightened with a 6 mm Allen wrench (not supplied). Use our Cat. No. PDT1 1" (26 mm) diameter Metal Bond Diamond Drill to make the required hole, and the Cat. No. BDC112 1-1/2" (38 mm) diameter Belgian Mount Diamond Countersink for the desired countersink depth stopping at 1-1/4" (32 mm) diameter. Glass thickness range is 3/8" to 1/2" (10 to 12 mm). Thread pitch is M18 x 1.0.

**USE MONOLITHIC TEMPERED GLASS**

**ONLINE** *ARCHITECTURAL RESOURCES*

1-1/32" (26.2 mm)

1-1/4" (31.8 mm)

90 Degrees

| CAT. NO. | DIAMETER | FINISH |
|----------|----------|--------|
| SGF32CS | 1-1/4" (31.8 mm) | Brushed Stainless |

Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.
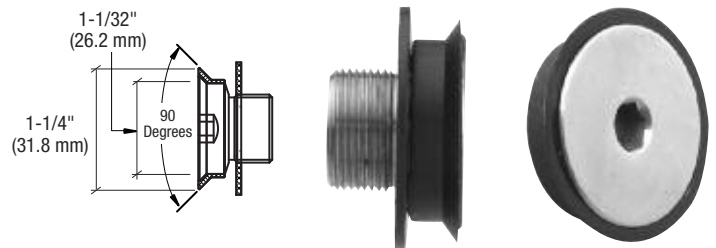
go to crlaurence.com to search for

swivel-fittings    Search

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**39SC**

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# CRL Column Series Swivel Fittings

**ONLINE** *INSTALLATION RESOURCES*

- Available in Eight Configurations for Either Surface or Flush Glass Attachments (Sold Separately)
- Brushed Stainless Finish
- Accommodate 3/8" or 1/2" (10 or 12 mm) Tempered Glass

**USE MONOLITHIC TEMPERED GLASS**

Surface Mount Cap Assembly

Flush Mount Cap Assembly

CRL's Column Series Swivel Fittings are designed to provide a simple solution to connecting pieces of glass at different angles. The Single Pivot Column Swivel Fitting gives you the option of selecting either a Surface Mount Glass Attachment Cap or a Flush Mount Glass Attachment Cap (Sold Separately See Page 39SC).

All Column Series Swivel Fittings will accommodate glass thicknesses from 3/8" to 1/2" (10 to 12 mm). An optional 3-15/16" (100 mm) Link is also available for those special applications (see page 42SC). The simple design of this fitting makes for a quick and easy installation. Standard Column Series Swivel Fittings and Cap Assemblies (not included) come in a brushed stainless finish. Glass Fabrication is required for all Swivel Fitting installations.

## CRL Single Pivot Glass-to-Glass Column Series Swivel Fitting

**ONLINE** *ARCHITECTURAL RESOURCES*

**USE MONOLITHIC TEMPERED GLASS**

1-13/16" (46 mm)
1-1/4" (31.8 mm)
1-7/8" (47.6 mm)
1-1/32" (26.2 mm)
1/8" (3.2 mm) Minimum

With Flush Mount Glass Cap Assemblies (Sold Separately See Page 39SC)

1-7/16" (36.5 mm)
1-13/16" (46 mm)
7/8" (22.2 mm)
1-7/8" (47.6 mm)
1/8" (3.2 mm) Minimum
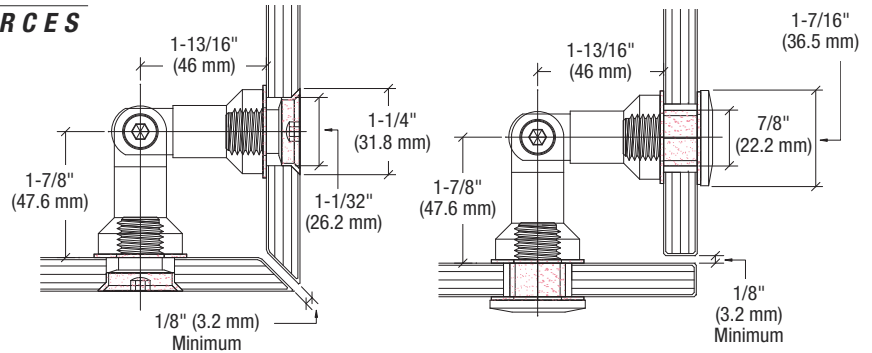
With Surface Mount Glass Cap Assemblies (Sold Separately See Page 39SC)

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF42BGG | Single Pivot Glass-to-Glass Swivel Fitting | Brushed Stainless |

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

## CRL Single Pivot Glass-to-Wall/Floor Column Series Swivel Fitting

**ONLINE** *ARCHITECTURAL RESOURCES*

**USE MONOLITHIC TEMPERED GLASS**

1-13/16" (46 mm)
1-1/4" (31.8 mm)
1-7/8" (47.6 mm)
1-1/32" (26.2 mm)
1/8" (3.2 mm) Minimum

With Flush Mount Glass Cap Assembly (Sold Separately See Page 39SC)

1-7/16" (36.5 mm)
1-13/16" (46 mm)
7/8" (22.2 mm)
1-7/8" (47.6 mm)
1/8" (3.2 mm) Minimum
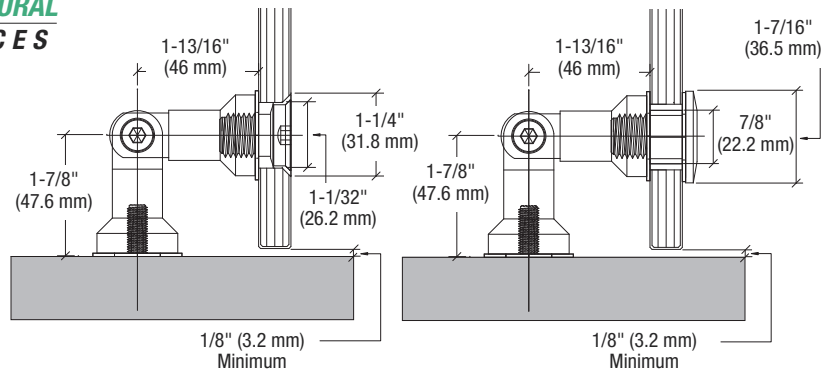
With Surface Mount Glass Cap Assembly (Sold Separately See Page 39SC)

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF41BGW | Single Pivot Glass-to-Wall/Floor Swivel Fitting | Brushed Stainless |

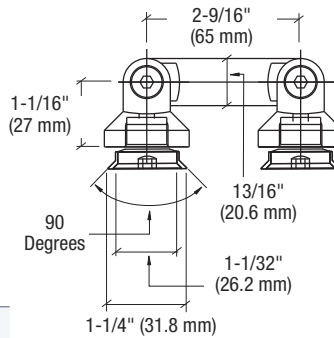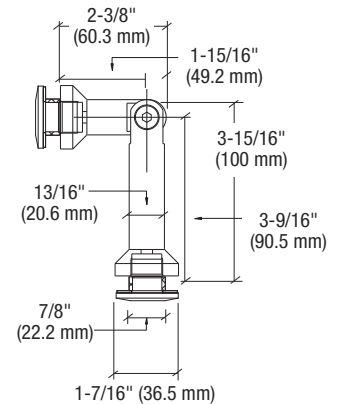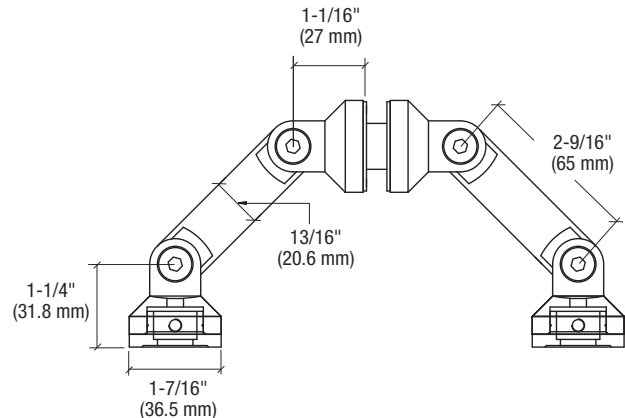Minimum order: 1 each. All Swivel Fittings can be combined for quantity pricing.

**NOTE:** This Fitting uses the Glass Attachments shown at the top of the page. For Wall/Floor Attachments see page 41SC.

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**40SC**

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## CRL Glass Fin-to-Glass Column Series Swivel Fitting

**ONLINE** ARCHITECTURAL RESOURCES

**ONLINE** INSTALLATION RESOURCES

USE MONOLITHIC TEMPERED GLASS

**NOTE**: Optional 3-15/16" (100 mm) Link Available Cat. No. SGF100BS (See Page 42SC)

1-1/16" (27 mm)
13/16" (20.6 mm)
2-9/16" (65 mm)
1-1/16" (27 mm)
90 Degrees
1-1/32" (26.2 mm)
1-1/4" (31.8 mm)

With Flush Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

1-1/16" (27 mm)
13/16" (20.6 mm)
2-9/16" (65 mm)
7/8" (22.2 mm)
1-7/16" (36.5 mm)
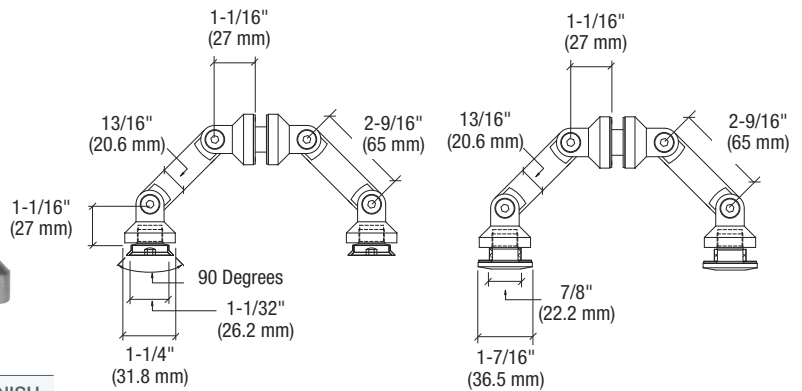
With Surface Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF67BGG | Glass Fin-to-Glass Swivel Fitting | Brushed Stainless |

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

## CRL Dual Pivot Glass-to-Wall/Floor Column Series Swivel Fitting

**ONLINE** ARCHITECTURAL RESOURCES

USE MONOLITHIC TEMPERED GLASS

**NOTE**: Optional 3-15/16" (100 mm) Link Available Cat. No. SGF100BS (See Page 42SC)

2-9/16" (65 mm)
13/16" (20.6 mm)
1-1/16" (27 mm)
1-1/4" (31.8 mm)
90 Degrees
1-7/16" (36.5 mm)
1-1/32" (26.2 mm)
1-1/4" (31.8 mm)

With Flush Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

2-9/16" (65 mm)
13/16" (20.6 mm)
1-1/4" (31.8 mm)
7/8" (22.2 mm)
1-7/16" (36.5 mm)
1-7/16" (36.5 mm)
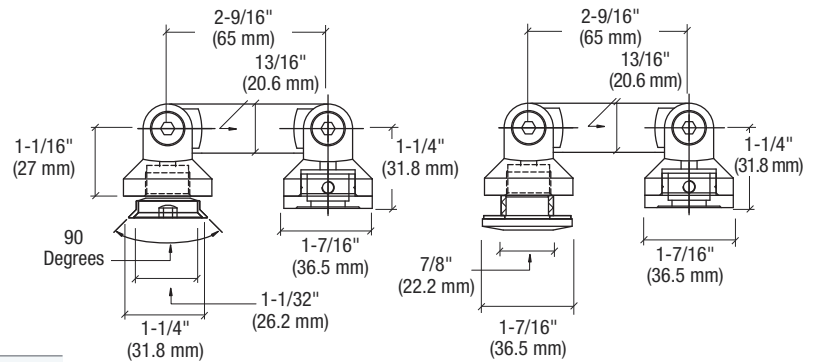
With Surface Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF61BGW | Dual Pivot Glass-to-Wall/Floor Swivel Fitting | Brushed Stainless |

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

## CRL Single Pivot Glass-to-Wall/Floor Column Series Swivel Fitting

**ONLINE** ARCHITECTURAL RESOURCES

USE MONOLITHIC TEMPERED GLASS

90 Degrees
2-3/8" (60.3 mm)
1-15/16" (49.2 mm)
1-1/4" (31.8 mm)
1-1/32" (26.2 mm)
13/16" (20.6 mm)
4-1/8" (104.7 mm)
3-3/4" (95.3 mm)
1-7/16" (36.5 mm)

With Flush Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

2-3/8" (60.3 mm)
1-15/16" (49.2 mm)
1-7/16" (36.5 mm)
7/8" (22.2 mm)
13/16" (20.6 mm)
4-1/8" (104.7 mm)
3-3/4" (95.3 mm)
1-7/16" (36.5 mm)
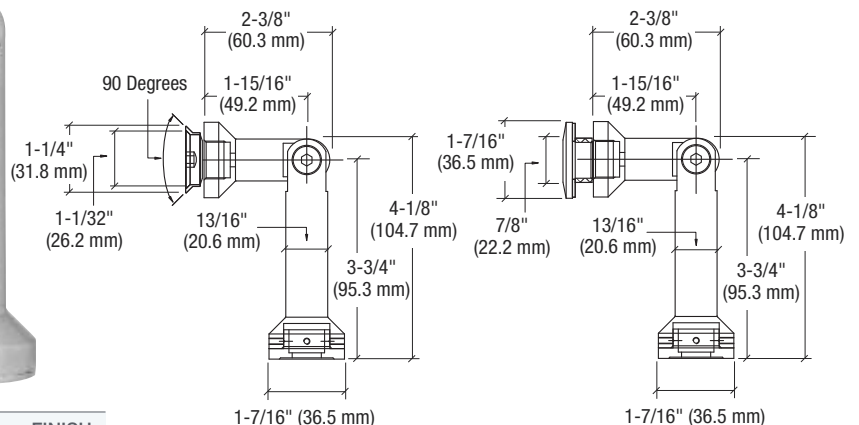
With Surface Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF63BGW | Single Pivot Glass-to-Wall/Floor Swivel Fitting | Brushed Stainless |

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

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## CRL Dual Pivot Glass-to-Glass Column Series Swivel Fitting

**ONLINE** *INSTALLATION RESOURCES*

**ONLINE** *ARCHITECTURAL RESOURCES*
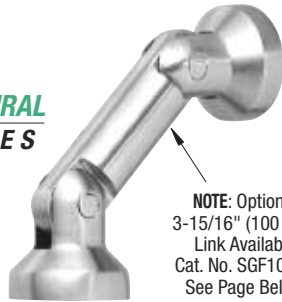
**USE MONOLITHIC TEMPERED GLASS**

**NOTE:** Optional 3-15/16" (100 mm) Link Available Cat. No. SGF100BS See Page Below

2-9/16" (65 mm)
1-1/16" (27 mm)
13/16" (20.6 mm)
90 Degrees
1-1/32" (26.2 mm)
1-1/4" (31.8 mm)

**With Flush Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)**

2-9/16" (65 mm)
1-1/16" (27 mm)
13/16" (20.6 mm)
7/8" (22.2 mm)
1-7/16" (36.5 mm)
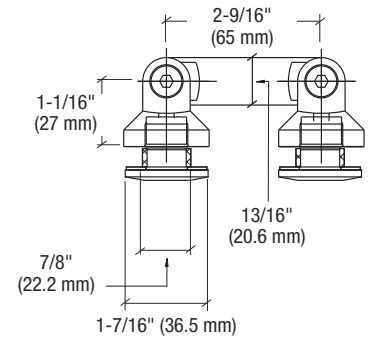
**With Surface Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)**

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF62BGG | Dual Pivot Glass-to-Glass Swivel Fitting | Brushed Stainless |

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

## CRL Single Pivot Glass-to-Glass Column Series Swivel Fitting

**ONLINE** *ARCHITECTURAL RESOURCES*

**USE MONOLITHIC TEMPERED GLASS**

90 Degrees
2-3/8" (60.3 mm)
1-15/16" (49.2 mm)
1-1/4" (31.8 mm)
1-1/32" (26.2 mm)
13/16" (20.6 mm)
3-15/16" (100 mm)
3-9/16" (90.5 mm)
90 Degrees
1-1/32" (26.2 mm)
1-1/4" (31.8 mm)

**With Flush Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)**

2-3/8" (60.3 mm)
1-15/16" (49.2 mm)
13/16" (20.6 mm)
3-15/16" (100 mm)
3-9/16" (90.5 mm)
7/8" (22.2 mm)
1-7/16" (36.5 mm)
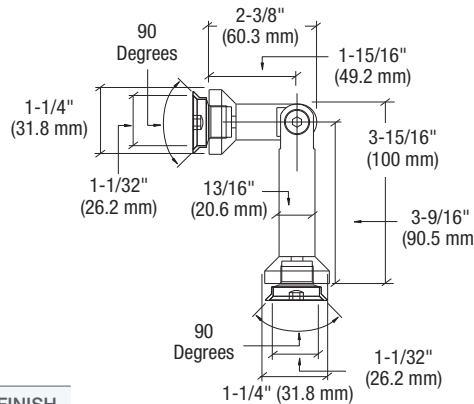
**With Surface Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)**

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF64BGG | Single Pivot Glass-to-Glass Swivel Fitting | Brushed Stainless |

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

## CRL Glass Fin-to-Wall/Floor Column Series Swivel Fitting
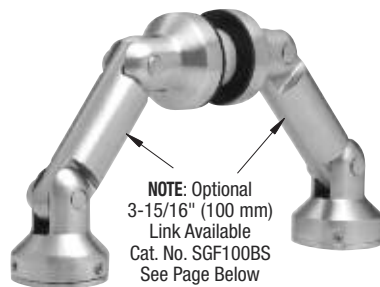
**ONLINE** *ARCHITECTURAL RESOURCES*

**USE MONOLITHIC TEMPERED GLASS**

**NOTE:** Optional 3-15/16" (100 mm) Link Available Cat. No. SGF100BS See Page Below

1-1/16" (27 mm)
2-9/16" (65 mm)
13/16" (20.6 mm)
1-1/4" (31.8 mm)
1-7/16" (36.5 mm)

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF66BGW | Glass Fin-to-Wall/Floor Swivel Fitting | Brushed Stainless |

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

## CRL Optional Long Link for Column Series Swivel Fittings

- 3-15/16" (100 mm) Length     - Easy to Replace

CRL's Optional Long Links are available for those situations where additional length is required between the ends of the fittings. The Link is easy to replace, and has the same brushed stainless finish as our Column Series Swivel Fittings.

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF100BS | 3-15/16" (100 mm) Link | Brushed Stainless |

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

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# CRL Arch Series Swivel Fittings

**ONLINE** *INSTALLATION RESOURCES*

- Available in Four Configurations for Either Surface or Flush Glass Attachments (Sold Separately)
- Contemporary, High Tech Design
- Brushed Stainless Finish
- For 3/8" to 1/2" (10 to 12 mm) Glass

**USE MONOLITHIC TEMPERED GLASS**

CRL's Arch Series Swivel Fittings are designed to provide a simple solution to connecting pieces of glass at different angles. The Arch Swivel Fitting gives you the option of selecting either a Surface Mount Glass Attachment Cap or a Flush Mount Glass Attachment Cap (sold separately see page 39SC). These Arch Series Swivel Fittings will accommodate glass thicknesses from 3/8" to 1/2" (10 to 12 mm). The simple design of this fitting makes for a quick and easy installation. All Arch Series Swivel Fittings and Cap Assemblies (not included) come in brushed stainless finish.

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## CRL Dual Pivot Glass-to-Glass Arch Series Swivel Fitting
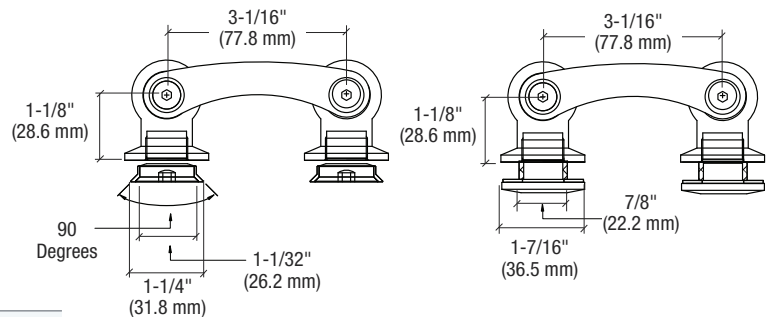
**USE MONOLITHIC TEMPERED GLASS**

**ONLINE** *ARCHITECTURAL RESOURCES*

3-1/16" (77.8 mm)
1-1/8" (28.6 mm)
90 Degrees
1-1/4" (31.8 mm)
1-1/32" (26.2 mm)

With Flush Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

3-1/16" (77.8 mm)
1-1/8" (28.6 mm)
7/8" (22.2 mm)
1-7/16" (36.5 mm)

With Surface Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

| CAT. NO. | DESCRIPTION | FINISH |
|----------|-------------|--------|
| SGF02BGG | Dual Pivot Glass-to-Glass Swivel Fitting | Brushed Stainless |

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

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## CRL Glass Fin-to-Glass Arch Series Swivel Fitting
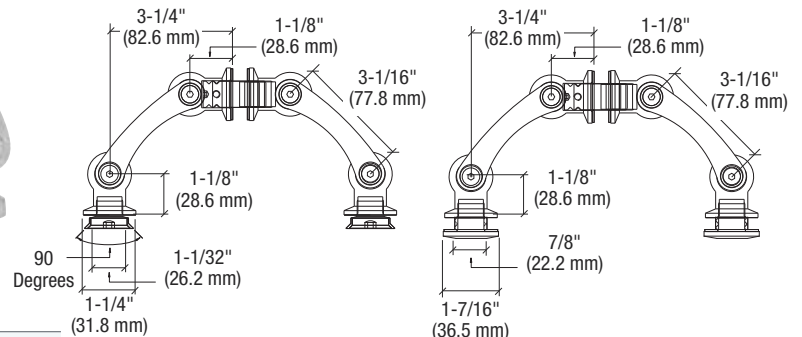
**USE MONOLITHIC TEMPERED GLASS**

**ONLINE** *ARCHITECTURAL RESOURCES*

3-1/4" (82.6 mm)
1-1/8" (28.6 mm)
3-1/16" (77.8 mm)
1-1/8" (28.6 mm)
90 Degrees
1-1/4" (31.8 mm)
1-1/32" (26.2 mm)

With Flush Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

3-1/4" (82.6 mm)
1-1/8" (28.6 mm)
3-1/16" (77.8 mm)
1-1/8" (28.6 mm)
7/8" (22.2 mm)
1-7/16" (36.5 mm)

With Surface Mounted Glass Cap Assemblies (Sold Separately See Page 39SC)

| CAT. NO. | DESCRIPTION | FINISH |
|----------|-------------|--------|
| SGF04BGG | Glass Fin-to-Glass Swivel Fitting | Brushed Stainless |

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

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# CRL SWIVEL FITTINGS

## CRL Dual Pivot Glass-to-Wall/Floor Arch Series Swivel Fitting

**USE MONOLITHIC TEMPERED GLASS**

1-1/8" (28.6 mm)
2-5/8" (66.7 mm)
1-1/4" (31.8 mm)
90 Degrees
1-1/32" (26.2 mm)
3-1/16" (77.8 mm)
15/16" (23.8 mm)
1-7/16" (36.5 mm)

With Flush Mounted Glass Cap Assemblies
(Sold Separately See Page 39SC)

2-5/8" (66.7 mm)
1-7/16" (36.5 mm)
1-1/8" (28.6 mm)
7/8" (22.2 mm)
3-1/16" (77.8 mm)
15/16" (23.8 mm)
1-7/16" (36.5 mm)

With Surface Mounted Glass Cap Assemblies
(Sold Separately See Page 39SC)

| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF01BGW | Dual Pivot Glass-to-Wall/Floor Swivel Fitting | Brushed Stainless |

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

## CRL Glass Fin-to-Wall/Floor Arch Series Swivel Fitting

**USE MONOLITHIC TEMPERED GLASS**

2-5/8" (66.7 mm)
1-1/8" (28.6 mm)
3/8" (10 mm)
3-1/16" (77.8 mm)
15/16" (23.8 mm)
1-7/16" (36.5 mm)
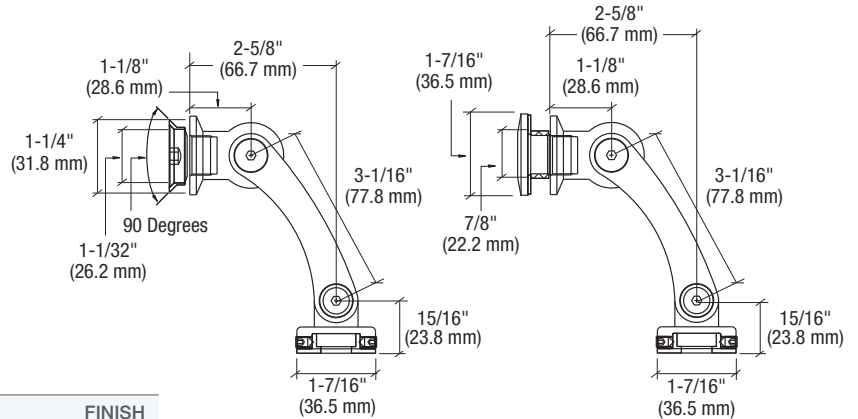
| CAT. NO. | DESCRIPTION | FINISH |
|---|---|---|
| SGF03BGW | Glass Fin-to-Wall/Floor Swivel Fitting | Brushed Stainless |

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

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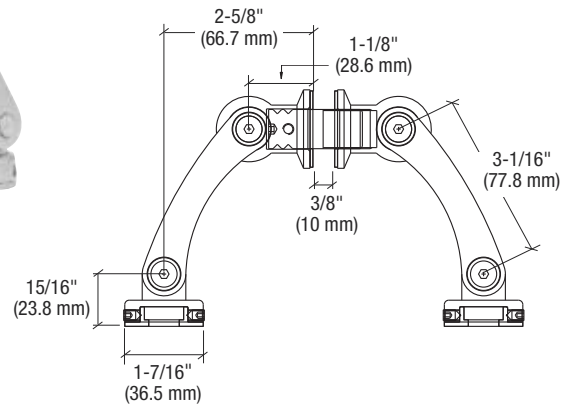
# CRL GLASS CLAMPS

## CRL Glass Clamps Transform the Ordinary to Extraordinary

- Fixed Panel Clamps, 90 Degree Clamps, 135 Degree Clamps, and 180 Degree Clamps for 1/4" to 1/2" (6 to 12 mm) Thick Glass
- Up to 24 Available Stock Finishes
- Options Include Wall Mount, Ceiling Mount, Floor Mount, Post Mount, and Glass-to-Glass Mount

**USE MONOLITHIC TEMPERED GLASS**
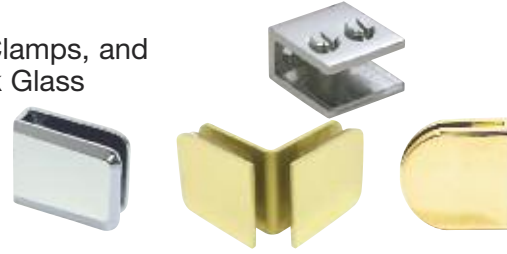
CRL offers the largest selection of Glass Clamps, in style, size, and finish, on the market today. When the design calls for a frameless appearance with more glass and less metal, CRL Glass Clamps provide a sturdy, clean looking alternative to U-Channel or other framing. CRL Glass Clamps are available to accommodate from 1/4" to 1/2" (6 to 12 mm) thick panels made of glass, wood, plastic, or any other material you wish to work with. CRL Glass Clamps are also available with radius backs for mounting on 1" (25 mm) to 2" (51 mm) diameter posts.

Typical applications include: Railing, Showcases, Partition Walls, Stereo Cabinets, Kiosks, Signage, Retail Displays, Mall Fronts, and even Furniture. CRL Glass Clamps hold panels in place by either a set screw or repositionable plate, requiring no fabrication of the glass, or a thru-bolt or pin for added support. These require a hole in the panel to receive the Clamp.

The following pages provide you with details to help you choose the right clamp for your next project. For detailed drawings and templates, please visit us online at **crlaurence.com/glass-clamps**, or call CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International. Ask for Ext. 5275. You can also e-mail us at **crlaurence.com/support**.

Glass Infill Panels for Railings

Retail Displays

Frameless Showers

Commercial Applications-Mall Storefronts

Custom Showroom Installations

Glass Partitions

Glass Shelves

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**CRL** U.S. ALUMINUM

## CRL Z-Series Round Type Radius Base Glass Clamps

**USE MONOLITHIC TEMPERED GLASS**

**SPECIFICATIONS:**

**Glass Thicknesses:** Models for 1/4" to 1/2" (6 to 12 mm).

**Base Design:** Radius.

**For Use With:** 1-1/2" or 2" (38.1 or 50.8 mm) Diameter Round Tubing.

**Material:** Choice of Zinc Constructed or Stainless Steel. Stainless Steel or Powder Painted Zinc Clamps are recommended for more durability in exterior applications.

**Glass Fabrication:**
For 1/4" (6 mm), 5/16" (8 mm), and 3/8" (10 mm) Thick Glass: 1/2" (12 mm) diameter hole required if using provided steel pin for glass support.
For 1/2" (12 mm) Thick Glass: 9/16" (14 mm) diameter hole required if using provided steel pin for glass support.

**Includes:** Rubber Gaskets and Steel Pin (for optional use) with Grommet.

**CAT. NO. ZB0LT**
Fastener for Use With Metal Posts

**CAT. NO. ZLAG**
Fastener for Use With Wood Posts

Models for Round Tubing Installations

### For 1/4" (6 mm) and 5/16" (8 mm) Glass

**ONLINE** INSTALLATION RESOURCES

Base View — 15/16" (23.6 mm)
Front View
Rear View — 2-1/8" (54 mm), 2-1/4" (56.9 mm)
Side View — 3/4" (19 mm), 23/32" (18.3 mm)
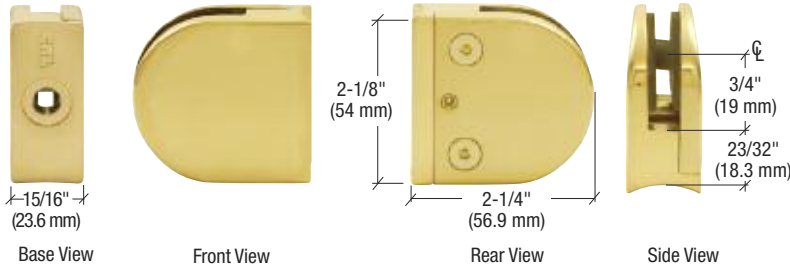
| CAT. NO. | FINISH | TUBE DIA. | BASE METAL |
|---|---|---|---|
| Z206BR | Brass | 2" (50.8 mm) | Zinc Casting |
| Z206CH | Chrome | 2" (50.8 mm) | Zinc Casting |
| Z206SC | Satin Chrome | 2" (50.8 mm) | Zinc Casting |
| Z206BN | Brushed Nickel | 2" (50.8 mm) | Zinc Casting |
| Z206GP | Gold Plated | 2" (50.8 mm) | Zinc Casting |
| Z206W | White | 2" (50.8 mm) | Zinc Casting |
| Z306BS | Brushed Stainless | 2" (50.8 mm) | Stainless Steel |
| Z306PS | Polished Stainless | 2" (50.8 mm) | Stainless Steel |
| Z15306BS | Brushed Stainless | 1-1/2" (38.1 mm) | Stainless Steel |
| Z15306PS | Polished Stainless | 1-1/2" (38.1 mm) | Stainless Steel |
| Z14RG | Replacement Gasket Set for One Clamp | | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

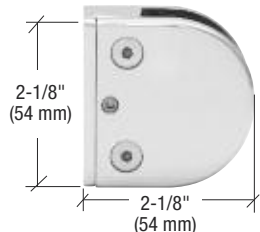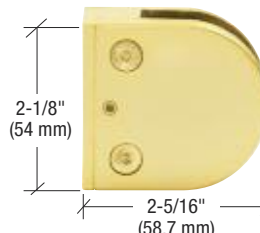### For 3/8" (10 mm) Glass

**ONLINE** INSTALLATION RESOURCES

Base View — 1-3/32" (27.7 mm)
Front View
Rear View — 2-1/8" (54 mm), 2-9/32" (58.1mm)
Side View — 3/4" (19 mm), 23/32" (18.3 mm)
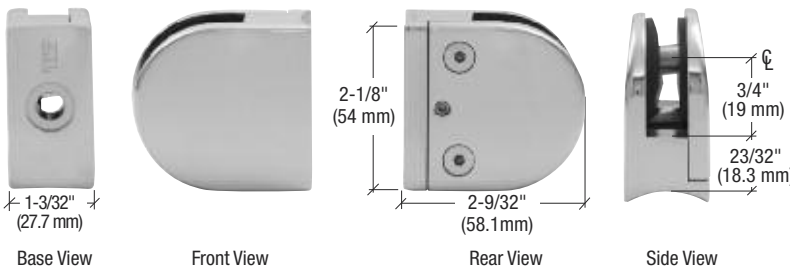
| CAT. NO. | FINISH | TUBE DIA. | BASE METAL |
|---|---|---|---|
| Z210BR | Brass | 2" (50.8 mm) | Zinc Casting |
| Z210CH | Chrome | 2" (50.8 mm) | Zinc Casting |
| Z210SC | Satin Chrome | 2" (50.8 mm) | Zinc Casting |
| Z210BN | Brushed Nickel | 2" (50.8 mm) | Zinc Casting |
| Z210GP | Gold Plated | 2" (50.8 mm) | Zinc Casting |
| Z210W | White | 2" (50.8 mm) | Zinc Casting |
| Z310BS | Brushed Stainless | 2" (50.8 mm) | Stainless Steel |
| Z310PS | Polished Stainless | 2" (50.8 mm) | Stainless Steel |
| Z15310BS | Brushed Stainless | 1-1/2" (38.1 mm) | Stainless Steel |
| Z15310PS | Polished Stainless | 1-1/2" (38.1 mm) | Stainless Steel |
| Z38RG | Replacement Gasket Set for One Clamp | | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

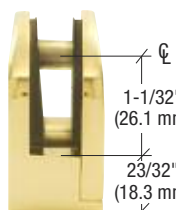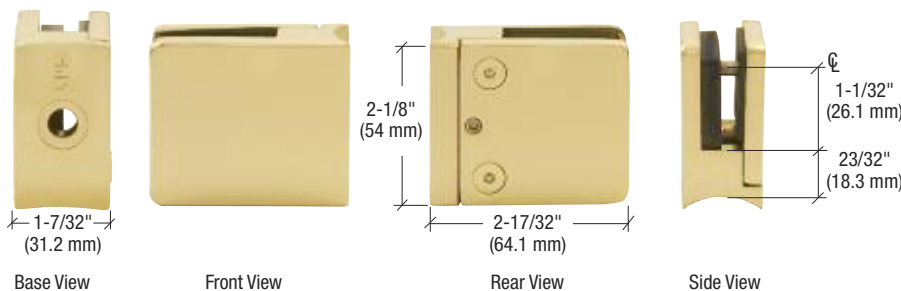### For 1/2" (12 mm) Glass

**ONLINE** INSTALLATION RESOURCES

Base View — 1-7/32" (31.2 mm)
Front View
Rear View — 2-1/8" (54 mm), 2-17/32" (64.1 mm)
Side View — 1-1/32" (26.1 mm), 23/32" (18.3 mm)
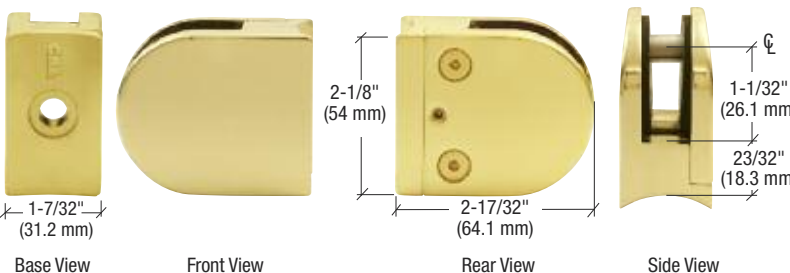
| CAT. NO. | FINISH | TUBE DIA. | BASE METAL |
|---|---|---|---|
| Z212BR | Brass | 2" (50.8 mm) | Zinc Casting |
| Z212CH | Chrome | 2" (50.8 mm) | Zinc Casting |
| Z212SC | Satin Chrome | 2" (50.8 mm) | Zinc Casting |
| Z212BN | Brushed Nickel | 2" (50.8 mm) | Zinc Casting |
| Z212W | White | 2" (50.8 mm) | Zinc Casting |
| Z312BS | Brushed Stainless | 2" (50.8 mm) | Stainless Steel |
| Z312PS | Polished Stainless | 2" (50.8 mm) | Stainless Steel |
| Z15312BS | Brushed Stainless | 1-1/2" (38.1 mm) | Stainless Steel |
| Z15312PS | Polished Stainless | 1-1/2" (38.1 mm) | Stainless Steel |
| Z12RG | Replacement Gasket Set for One Clamp | | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

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## CRL Z-Series Round Type Flat Base Glass Clamps

**USE MONOLITHIC TEMPERED GLASS**

**SPECIFICATIONS:**

**Glass Thicknesses:** Models for 1/4" to 1/2" (6 to 12 mm).

**Base Design:** Flat.

**For Use With:** Square Tubing or Other Flat Surfaces.

**Material:** Choice of Zinc Constructed or Stainless Steel. Stainless Steel or Powder Painted Zinc Clamps are recommended for more durability in exterior applications.

**Glass Fabrication:**
For 1/4" (6 mm), 5/16" (8 mm), and 3/8" (10 mm) Thick Glass: 1/2" (12 mm) diameter hole required if using provided steel pin for glass support.
For 1/2" (12 mm) Thick Glass: 9/16" (14 mm) diameter hole required if using provided steel pin for glass support.

**Includes:** Rubber Gaskets and Steel Pin (for optional use) with Grommet.

**CAT. NO. ZB0LT**
Fastener for Use With Metal Posts

**CAT. NO. ZLAG**
Fastener for Use With Wood Posts

Models for Flat Surface Installations

### For 1/4" (6 mm) and 5/16" (8 mm) Glass

**ONLINE INSTALLATION RESOURCES**

Base View — 15/16" (23.6 mm)
Front View
Rear View — 2-1/8" (54 mm), 2-1/8" (54 mm)
Side View — 3/4" (19 mm), 23/32" (18.3 mm)
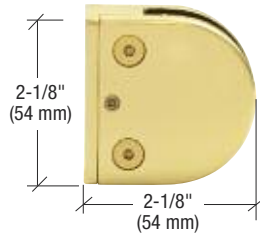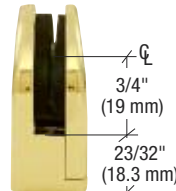
| CAT. NO. | FINISH | BASE METAL |
|---|---|---|
| Z406BR | Brass | Zinc Casting |
| Z406CH | Chrome | Zinc Casting |
| Z406SC | Satin Chrome | Zinc Casting |
| Z406BN | Brushed Nickel | Zinc Casting |
| Z406GP | Gold Plated | Zinc Casting |
| Z406W | White | Zinc Casting |
| Z506BS | Brushed Stainless | Stainless Steel |
| Z506PS | Polished Stainless | Stainless Steel |
| Z14RG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### For 3/8" (10 mm) Glass

**ONLINE INSTALLATION RESOURCES**

Base View — 1-3/32" (27.7 mm)
Front View
Rear View — 2-1/8" (54 mm), 2-1/8" (54 mm)
Side View — 3/4" (19 mm), 23/32" (18.3 mm)
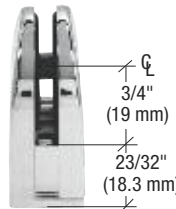
| CAT. NO. | FINISH | BASE METAL |
|---|---|---|
| Z410BR | Brass | Zinc Casting |
| Z410CH | Chrome | Zinc Casting |
| Z410SC | Satin Chrome | Zinc Casting |
| Z410BN | Brushed Nickel | Zinc Casting |
| Z410GP | Gold Plated | Zinc Casting |
| Z410W | White | Zinc Casting |
| Z510BS | Brushed Stainless | Stainless Steel |
| Z510PS | Polished Stainless | Stainless Steel |
| Z38RG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### For 1/2" (12 mm) Glass

**ONLINE INSTALLATION RESOURCES**

Base View — 1-7/32" (31.2 mm)
Front View
Rear View — 2-1/8" (54 mm), 2-5/16" (58.7 mm)
Side View — 1-1/32" (26.1 mm), 23/32" (18.3 mm)

| CAT. NO. | FINISH | BASE METAL |
|---|---|---|
| Z412BR | Brass | Zinc Casting |
| Z412CH | Chrome | Zinc Casting |
| Z412SC | Satin Chrome | Zinc Casting |
| Z412BN | Brushed Nickel | Zinc Casting |
| Z412GP | Gold Plated | Zinc Casting |
| Z412W | White | Zinc Casting |
| Z512BS | Brushed Stainless | Stainless Steel |
| Z512PS | Polished Stainless | Stainless Steel |
| Z12RG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

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## CRL Z-Series Square Type Radius Base Glass Clamps

**CAT. NO. ZB0LT**
Fastener for Use
With Metal Posts

**CAT. NO. ZLAG**
Fastener for Use
With Wood Posts

USE MONOLITHIC
TEMPERED GLASS

### For 1/4" (6 mm) and 5/16" (8 mm) Glass

**ONLINE** *INSTALLATION RESOURCES*

2-1/8" (54 mm)

2-1/4" (56.9 mm)

3/4" (19 mm)

23/32" (18.3 mm)

15/16" (23.6 mm)

Base View | Front View | Rear View | Side View
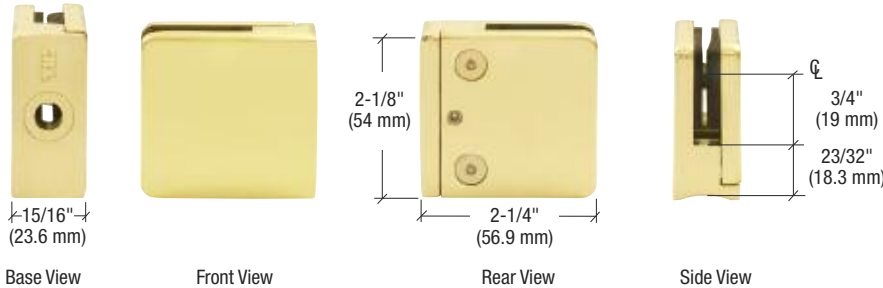
| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| Z606BR | Brass | Zinc Casting |
| Z606CH | Chrome | Zinc Casting |
| Z606SC | Satin Chrome | Zinc Casting |
| Z606BN | Brushed Nickel | Zinc Casting |
| Z606GP | Gold Plated | Zinc Casting |
| Z606W | White | Zinc Casting |
| Z706BS | Brushed Stainless | Stainless Steel |
| Z706PS | Polished Stainless | Stainless Steel |
| Z14SG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### For 3/8" (10 mm) Glass

**ONLINE** *INSTALLATION RESOURCES*

2-1/8" (54 mm)

2-9/32" (58.1 mm)

3/4" (19 mm)

23/32" (18.3 mm)

1-3/32" (27.7 mm)

Base View | Front View | Rear View | Side View
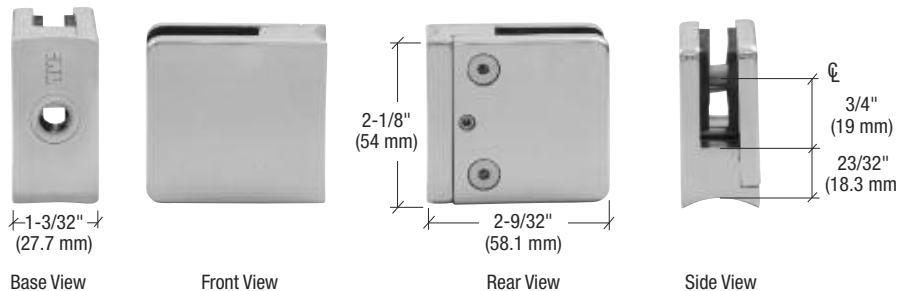
| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| Z610BR | Brass | Zinc Casting |
| Z610CH | Chrome | Zinc Casting |
| Z610SC | Satin Chrome | Zinc Casting |
| Z610BN | Brushed Nickel | Zinc Casting |
| Z610GP | Gold Plated | Zinc Casting |
| Z610W | White | Zinc Casting |
| Z710BS | Brushed Stainless | Stainless Steel |
| Z710PS | Polished Stainless | Stainless Steel |
| Z38SG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### For 1/2" (12 mm) Glass

**ONLINE** *INSTALLATION RESOURCES*

2-1/8" (54 mm)

2-17/32" (64.1 mm)

1-1/32" (26.1 mm)

23/32" (18.3 mm)

1-7/32" (31.2 mm)

Base View | Front View | Rear View | Side View

| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| Z612BR | Brass | Zinc Casting |
| Z612CH | Chrome | Zinc Casting |
| Z612SC | Satin Chrome | Zinc Casting |
| Z612BN | Brushed Nickel | Zinc Casting |
| Z612GP | Gold Plated | Zinc Casting |
| Z612W | White | Zinc Casting |
| Z712BS | Brushed Stainless | Stainless Steel |
| Z712PS | Polished Stainless | Stainless Steel |
| Z12SG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### For 3/8" or 1/2" (10 or 12 mm) Glass (Radius Surface Mounting)
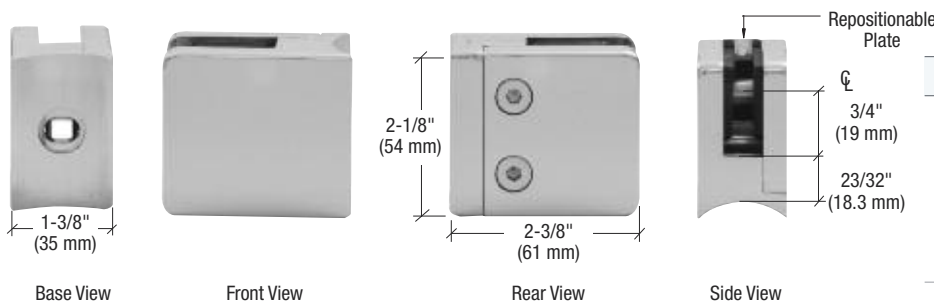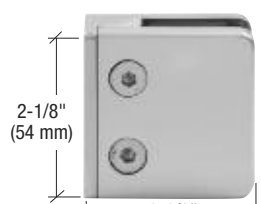
**ONLINE** *INSTALLATION RESOURCES*

- Repositionable Plate for Use at Right or Left Corner of Glass
- For Use With 2" (50.8 mm) Diameter Round Tubing

2-1/8" (54 mm)

2-3/8" (61 mm)

Repositionable Plate

3/4" (19 mm)

23/32" (18.3 mm)

1-3/8" (35 mm)

Base View | Front View | Rear View | Side View

| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| ZL610CH | Chrome | Zinc Casting |
| ZL610SC | Satin Chrome | Zinc Casting |
| ZL610BN | Brushed Nickel | Zinc Casting |
| ZL610W | White | Zinc Casting |
| ZL710BS | Brushed Stainless | Stainless Steel |
| ZL710PS | Polished Stainless | Stainless Steel |
| ZL38SG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

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## CRL Z-Series Square Type Flat Base Glass Clamps

**CAT. NO. ZB0LT**
Fastener for Use
With Metal Posts

**CAT. NO. ZLAG**
Fastener for Use
With Wood Posts

**USE MONOLITHIC TEMPERED GLASS**

### For 1/4" (6 mm) and 5/16" (8 mm) Glass

**ONLINE** *INSTALLATION RESOURCES*

2-1/8" (54 mm)

2-1/8" (54 mm)

3/4" (19 mm)

23/32" (18.3 mm)

15/16" (23.6 mm)
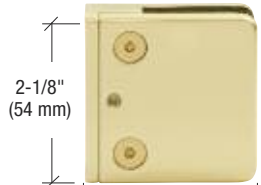
| Base View | Front View | Rear View | Side View |
|---|---|---|---|

| CAT. NO. | FINISH | BASE METAL |
|---|---|---|
| Z806BR | Brass | Zinc Casting |
| Z806CH | Chrome | Zinc Casting |
| Z806SC | Satin Chrome | Zinc Casting |
| Z806BN | Brushed Nickel | Zinc Casting |
| Z806GP | Gold Plated | Zinc Casting |
| Z806W | White | Zinc Casting |
| Z906BS | Brushed Stainless | Stainless Steel |
| Z906PS | Polished Stainless | Stainless Steel |
| Z14SG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### For 3/8" (10 mm) Glass

**ONLINE** *INSTALLATION RESOURCES*

2-1/8" (54 mm)

2-1/8" (54 mm)

3/4" (19 mm)

23/32" (18.3 mm)

1-3/32" (27.7 mm)
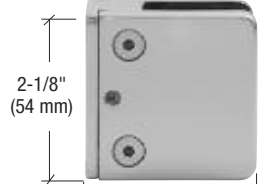
| Base View | Front View | Rear View | Side View |
|---|---|---|---|

| CAT. NO. | FINISH | BASE METAL |
|---|---|---|
| Z810BR | Brass | Zinc Casting |
| Z810CH | Chrome | Zinc Casting |
| Z810SC | Satin Chrome | Zinc Casting |
| Z810BN | Brushed Nickel | Zinc Casting |
| Z810GP | Gold Plated | Zinc Casting |
| Z810W | White | Zinc Casting |
| Z910BS | Brushed Stainless | Stainless Steel |
| Z910PS | Polished Stainless | Stainless Steel |
| Z38SG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### For 1/2" (12 mm) Glass

**ONLINE** *INSTALLATION RESOURCES*

2-1/8" (54 mm)

2-5/16" (58.7 mm)

1-1/32" (26.1 mm)

23/32" (18.3 mm)

1-7/32" (31.2 mm)
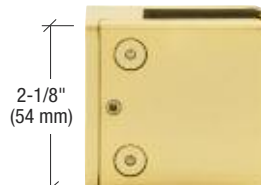
| Base View | Front View | Rear View | Side View |
|---|---|---|---|

| CAT. NO. | FINISH | BASE METAL |
|---|---|---|
| Z812BR | Brass | Zinc Casting |
| Z812CH | Chrome | Zinc Casting |
| Z812SC | Satin Chrome | Zinc Casting |
| Z812BN | Brushed Nickel | Zinc Casting |
| Z812GP | Gold Plated | Zinc Casting |
| Z812W | White | Zinc Casting |
| Z912BS | Brushed Stainless | Stainless Steel |
| Z912PS | Polished Stainless | Stainless Steel |
| Z12SG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### For 3/8" or 1/2" (10 or 12 mm) Glass (Flat Surface Mounting)

**ONLINE** *INSTALLATION RESOURCES*

- Repositionable Plate for Use at Right or Left Corner of Glass
- For Use With Square Tubing or Other Flat Surfaces

Repositionable Plate

Steel Pin

2-1/8" (54 mm)

2-1/8" (54 mm)

3/4" (19 mm)

23/32" (18.3 mm)

1-3/8" (35 mm)

| Base View | Front View | Rear View | Side View |
|---|---|---|---|

| CAT. NO. | FINISH | BASE METAL |
|---|---|---|
| ZL810CH | Chrome | Zinc Casting |
| ZL810SC | Satin Chrome | Zinc Casting |
| ZL810BN | Brushed Nickel | Zinc Casting |
| ZL810W | White | Zinc Casting |
| ZL910BS | Brushed Stainless | Stainless Steel |
| ZL910PS | Polished Stainless | Stainless Steel |
| ZL38SG | Replacement Gasket Set for One Clamp | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

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## CRL Z-Series Square Type Glass Clamps for 3/4" (19 mm) Glass

**USE MONOLITHIC TEMPERED GLASS**

**SPECIFICATIONS**:

**Glass Thickness**: 3/4" (19 mm).

**Base Design**: Flat and Radius.

**For Use With**: Square Tubing or Other Flat Surfaces and 2" (50.8 mm) Diameter Round Tubing.

**Material**: 316 Alloy Stainless Steel.

**Glass Fabrication**:
One 7/8" (22.2 mm) diameter finger notch is required. The included steel pin must be used for 3/4" (19 mm) Glass applications.

**Includes**: Rubber Gaskets for 3/4" (19 mm) Glass and Steel Pin. If using 5/8" (16 mm) Glass, Cat. No. Z58SG Gaskets must be ordered separately.

**CAT. NO. ZB0LT**
Fastener for Use With Metal Posts

**CAT. NO. ZLAG**
Fastener for Use With Wood Posts

Models for Flat and Round Surface Installations

### For 3/4" (19 mm) Glass (Flat Surface Mounting)
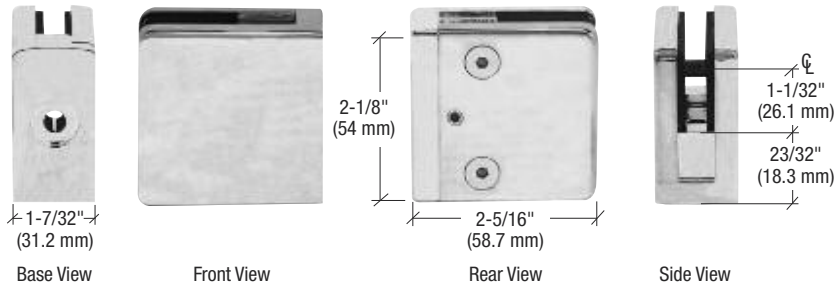
**ONLINE** *INSTALLATION RESOURCES*

- For Use With Square Tubing or Other Flat Surfaces
- 316 Alloy Stainless Steel

**Base View** — 1-7/32" (31.2 mm)

**Front View**

**Rear View** — 2-1/8" (54 mm), 2-5/16" (58.7 mm)

**Side View** — 1-1/32" (26.1 mm), 23/32" (18.3 mm)

| CAT. NO. | FINISH | BASE METAL |
|---|---|---|
| Z934BS | Brushed Stainless | Stainless Steel |
| Z934PS | Polished Stainless | Stainless Steel |
| Z34SG | Replacement Gasket Set for 3/4" (19 mm) Glass | |
| Z58SG | Replacement Gasket Set for 5/8" (16 mm) Glass | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### For 3/4" (19 mm) Glass (Radius Surface Mounting)
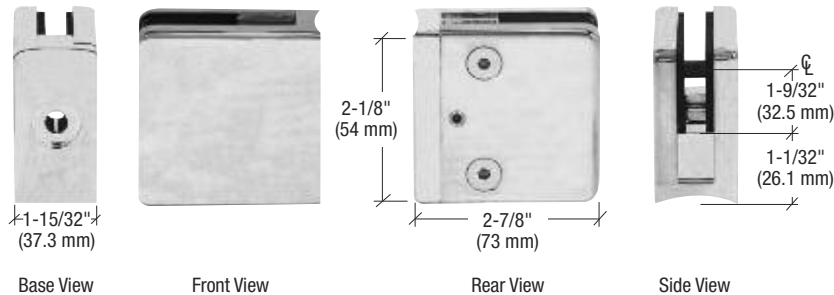
**ONLINE** *INSTALLATION RESOURCES*

- For Use With 2" (50.8 mm) Diameter Round Tubing
- 316 Alloy Stainless Steel

**Base View** — 1-15/32" (37.3 mm)

**Front View**

**Rear View** — 2-1/8" (54 mm), 2-7/8" (73 mm)

**Side View** — 1-9/32" (32.5 mm), 1-1/32" (26.1 mm)

| CAT. NO. | FINISH | BASE METAL |
|---|---|---|
| Z734BS | Brushed Stainless | Stainless Steel |
| Z734PS | Polished Stainless | Stainless Steel |
| Z34SG | Replacement Gasket Set for 3/4" (19 mm) Glass | |
| Z58SG | Replacement Gasket Set for 5/8" (16 mm) Glass | |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

### CRL Replacement Z-Clamp Screws

- 8 Screws per Pack

ZCS5X15 Screw
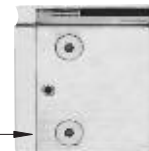
| CAT. NO. | FINISH |
|---|---|
| ZCS5X15BR | Brass |
| ZCS5X15CH | Chrome |
| ZCS5X15SS | Stainless Steel |

Minimum order: 1 pack.

### CRL Ceiling Mount Clamp
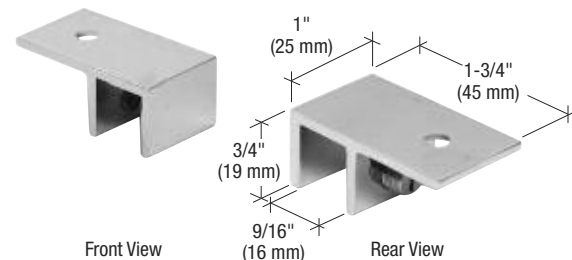
- For 5/16" to 1/2" (8 to 12 mm) Thick Glass

Solid Brass Ceiling Mount Clamp will hold glass from 5/16" to 1/2" (8 to 12 mm) thick. Glass is held in place with a nylon tipped set screw. No glass fabrication required. One #10 x 2" (50.8 mm) Flat Head Phillips Screw and Clear Gasket included.

**Front View** — 1" (25 mm), 3/4" (19 mm), 9/16" (16 mm)

**Rear View** — 1-3/4" (45 mm)

| CAT. NO. | FINISH |
|---|---|
| S0GC01CH | Chrome |
| S0GC01BR | Brass |
| S0GC01GP | Gold Plated |
| S0GC01BN | Brushed Nickel |
| S0GC01PN | Polished Nickel |
| S0GC010RB | Oil Rubbed Bronze |
| S0GC01ABRZ | Antique Bronze |
| S0GC01BSC | Brushed Satin Chrome |
| S0GC01SC | Satin Chrome |

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

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## CRL Z-Series Small Square Glass Clamps - May be Used on Wood or Metal Radius or Flat Surfaces

### For 1/4" (6 mm) to 5/16" (8 mm) Glass

**Attachment Hardware:** Wood - use Cat. No. ZLAG Lag Bolt
Metal - use Cat. Nos. ZBOLT and ZRNUT Bolt and Riv-Nut

USE MONOLITHIC TEMPERED GLASS
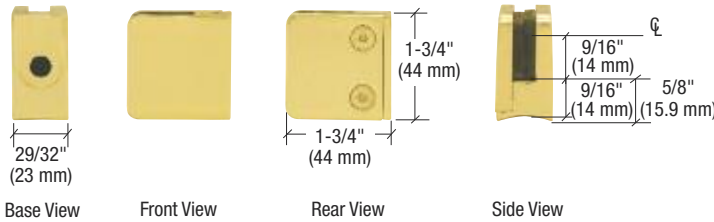
| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| Z130BR | Brass | Zinc Casting |
| Z130CH | Chrome | Zinc Casting |
| Z130SC | Satin Chrome | Zinc Casting |
| Z130BN | Brushed Nickel | Zinc Casting |
| Z130GP | Gold Plated | Zinc Casting |
| Z130W | White | Zinc Casting |
| Z150PS | Polished Stainless | Stainless Steel |
| Z150SS | Satin Stainless | Stainless Steel |

Base View  Front View  Rear View  Side View

1-3/4" (44 mm), 1-3/4" (44 mm), 29/32" (23 mm), 9/16" (14 mm), 9/16" (14 mm), 5/8" (15.9 mm)

**Glass Fabrication:** 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

## CRL Z-Series Large Square Glass Clamps - May be Used on Wood or Metal Radius or Flat Surfaces

### For 3/8" (10 mm) Glass

**Attachment Hardware:** Wood - use Cat. No. 12X2PHPSMS Screw
Metal - use Cat. Nos. ZBOLT14 and RN1420 Bolt and Riv-Nut
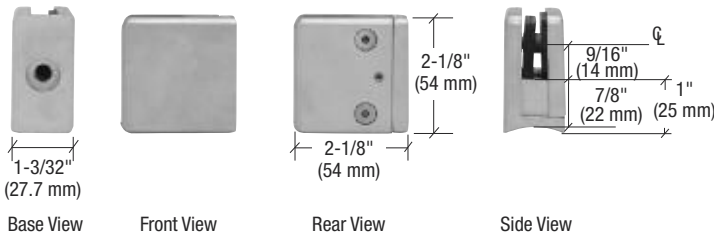
| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| Z135BR | Brass | Zinc Casting |
| Z135CH | Chrome | Zinc Casting |
| Z135SC | Satin Chrome | Zinc Casting |
| Z135BN | Brushed Nickel | Zinc Casting |
| Z135W | White | Zinc Casting |
| Z155PS | Polished Stainless | Stainless Steel |
| Z155SS | Satin Stainless | Stainless Steel |

Base View  Front View  Rear View  Side View

2-1/8" (54 mm), 2-1/8" (54 mm), 1-3/32" (27.7 mm), 9/16" (14 mm), 7/8" (22 mm), 1" (25 mm)

**Glass Fabrication:** 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

## CRL Z-Series Large Round Glass Clamps - May be Used on Wood or Metal Radius or Flat Surfaces

### For 1/4" (6 mm) Glass

**Attachment Hardware:** Wood - use Cat. No. 12X2PHPSMS Screw
Metal - use Cat. Nos. ZBOLT14 and RN1420 Bolt and Riv-Nut
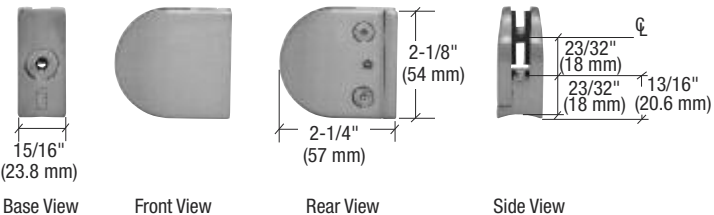
| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| Z106BR | Brass | Zinc Casting |
| Z106CH | Chrome | Zinc Casting |
| Z106SC | Satin Chrome | Zinc Casting |
| Z106BN | Brushed Nickel | Zinc Casting |
| Z106GP | Gold Plated | Zinc Casting |
| Z106W | White | Zinc Casting |

Base View  Front View  Rear View  Side View

2-1/8" (54 mm), 2-1/4" (57 mm), 15/16" (23.8 mm), 23/32" (18 mm), 23/32" (18 mm), 13/16" (20.6 mm)

**Glass Fabrication:** 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

## CRL Z-Series Large Round Glass Clamps - May be Used on Wood or Metal Radius or Flat Surfaces

### For 3/8" (10 mm) Glass

**Attachment Hardware:** Wood - use Cat. No. 12X2PHPSMS Screw
Metal - use Cat. Nos. ZBOLT14 and RN1420 Bolt and Riv-Nut
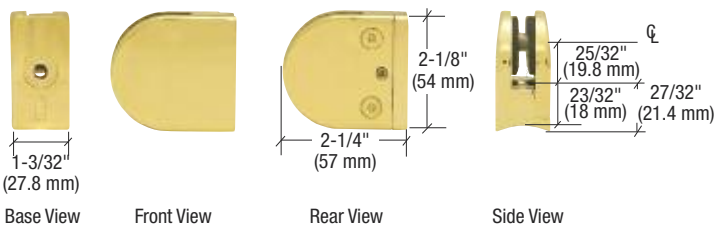
| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| Z110BR | Brass | Zinc Casting |
| Z110CH | Chrome | Zinc Casting |
| Z110SC | Satin Chrome | Zinc Casting |
| Z110BN | Brushed Nickel | Zinc Casting |
| Z110GP | Gold Plated | Zinc Casting |
| Z110W | White | Zinc Casting |

Base View  Front View  Rear View  Side View

2-1/8" (54 mm), 2-1/4" (57 mm), 1-3/32" (27.8 mm), 25/32" (19.8 mm), 23/32" (18 mm), 27/32" (21.4 mm)

**Glass Fabrication:** 1/2" (12 mm) Diameter Hole Required if Using Provided Steel Pin

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

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# CRL GLASS CLAMPS

## CRL Mini Z-Series Round Type Radius Base Glass Clamps

### For 1/4" (6 mm) Glass

Base View — 19/32" (15 mm)

Front View

Rear View — 1-1/16" (27 mm), 1-5/32" (29.5 mm)

Side View — 11/32" (8.7 mm)

- Fits 1" (25 mm) Diameter Tubing
- No Hole Drilling; Pressure Fit

**USE MONOLITHIC TEMPERED GLASS**

**CAT. NO. SHCS10X34**
Fastener for Use With Metal Posts

| CAT. NO. | FINISH | TUBE DIA. | BASE METAL |
|----------|--------|-----------|------------|
| ZMR06PS | Polished Stainless | 1" (25 mm) | Stainless Steel |
| ZMR06SS | Satin Stainless | 1" (25 mm) | Stainless Steel |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

## CRL Mini Z-Series Round Type Flat Base Glass Clamps
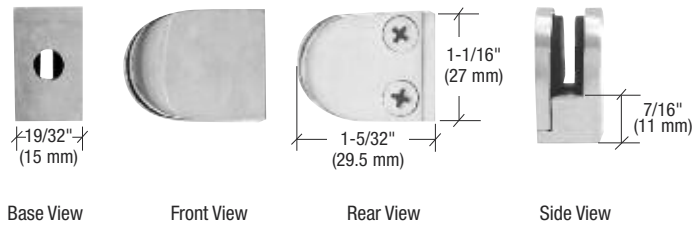
### For 1/4" (6 mm) Glass

Base View — 19/32" (15 mm)

Front View

Rear View — 1-1/16" (27 mm), 1-5/32" (29.5 mm)

Side View — 7/16" (11 mm)

- For Mounting to Flat Surfaces
- No Hole Drilling; Pressure Fit

**USE MONOLITHIC TEMPERED GLASS**

**CAT. NO. SHCS10X34**
Fastener for Use With Metal Posts

| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| ZMF06PS | Polished Stainless | Stainless Steel |
| ZMF06SS | Satin Stainless | Stainless Steel |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

## CRL Adjustable Flat Base Glass Clamp

### For 3/16" to 3/8" (5 to 10 mm) Glass
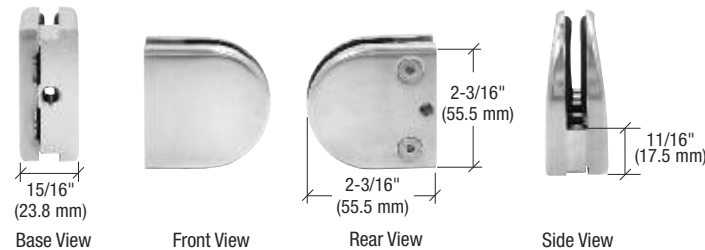
Base View — 15/16" (23.8 mm)

Front View

Rear View — 2-3/16" (55.5 mm), 2-3/16" (55.5 mm)

Side View — 11/16" (17.5 mm)

- For Mounting to Flat Surfaces
- No Hole Drilling; Pressure Fit

**USE MONOLITHIC TEMPERED GLASS**

**CAT. NO. SHCS10X34**
Fastener for Use With Metal Posts

| CAT. NO. | FINISH | BASE METAL |
|----------|--------|------------|
| 38AGP | Satin Chrome | Zinc Casting |

Minimum order: 1 each. All Z-Series Clamps can be combined for quantity pricing.

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## CRL Partition Clamps

**NEW!**

- Models for Panel Thicknesses of 1/4", 3/8", or 1/2" (6, 10, or 12 mm)
- Can be Used to Install Vertical Divider Panels
- Available in Brushed and Polished 316 Stainless Steel

**USE MONOLITHIC TEMPERED GLASS**

These new versatile Partition Clamps can be used to install vertical panels made from glass, acrylic or wood, as well as, for securing shelving for lightweight objects. Mount to a stub wall for divider panels or to a substrate for shelving, these Clamps are both attractive and strong enough for your project. The support plate provides the necessary stability for almost any application. Includes mounting screws, Nylon Tip Set Screw, "Thru-Bolt", and vinyl gaskets. For our complete line of Partition Hardware, go to **crlaurence.com/hospitality**.

---

## CRL Partition Clamps for 1/4" (6 mm) Panels

**NEW!**

- Ideal for Partition or Shelf Installations

Designed primarily for decorative partitions and shelving applications for lightweight object. "Thru-Bolt" also included.

9/32" (7.1 mm)
2-1/8" (54 mm)
2-1/2" (63.5 mm)
1/4" (6.4 mm)
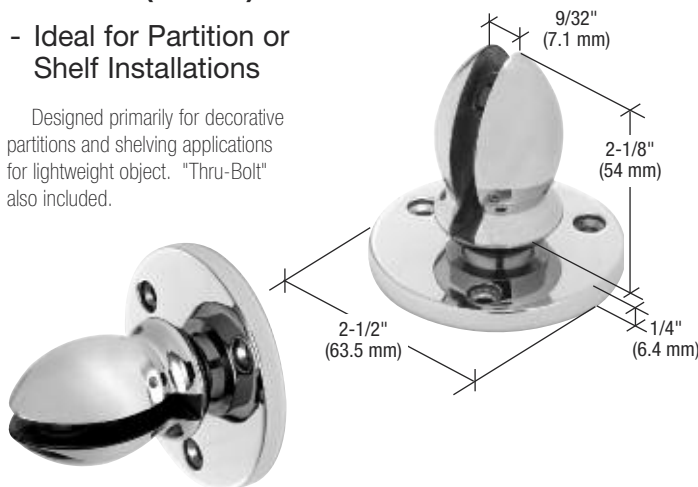
| CAT. NO. | FINISH |
|---|---|
| VPC14BS | Brushed 316 Stainless |
| VPC14PS | Polished 316 Stainless |

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

## CRL Partition Clamps for 3/8" (10 mm) Panels

**NEW!**

- Used for Horizontal or Vertical Applications

Can be used for partitions and shelving without drilling holes by using the nylon tipped set screw to firmly secure panel. "Thru-Bolt" also included.

7/16" (11 mm)
2-1/16" (52.4 mm)
2-1/2" (63.5 mm)
1/4" (6.4 mm)

| CAT. NO. | FINISH |
|---|---|
| VPC38BS | Brushed 316 Stainless |
| VPC38PS | Polished 316 Stainless |

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

---

## CRL Partition Clamps for 1/2" (12 mm) Panels

**NEW!**

- Perfect for Installing Vertical Divider Panels

Install these attractive Clamps onto a stub wall for use as a room or office divider. Glass, acrylic, or wood panels can be secured by drilling a 3/8" hole in the panel or using the cup point set screw. "Thru-Bolt" also included.

9/16" (14.3 mm)
2-3/8" (60.3 mm)
2-1/2" (63.5 mm)
1/4" (6.4 mm)
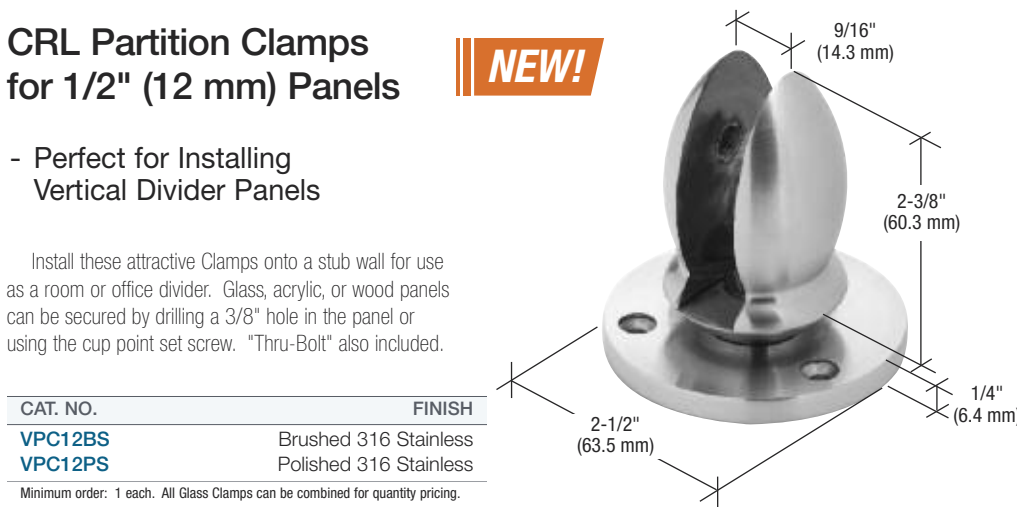
| CAT. NO. | FINISH |
|---|---|
| VPC12BS | Brushed 316 Stainless |
| VPC12PS | Polished 316 Stainless |

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

---

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# CRL Set Screw Clamps

CRL's Set Screw Clamps are available in four different sizes that will provide several options in mounting small glass shelves or panels in glass thicknesses from 3/16" to 5/16" (5 to 8 mm). All of the Clamps in this group can be installed without drilling holes in the glass. It is recommended that these Clamps be attached into wall studs or a wood substrate using CRL Cat. No. 8X112FHPSMS Flat Head Phillips Screw.

**USE MONOLITHIC TEMPERED GLASS**

## CRL Set Screw Clamps for 3/16" to 1/4" (5 to 6 mm) Glass

5/16" (7.9 mm)

5/8" (15.9 mm)

1/2" (12.7 mm) — Base View
Front View
9/16" (14.2 mm) — Rear View
1/2" (12.7 mm) — Side View
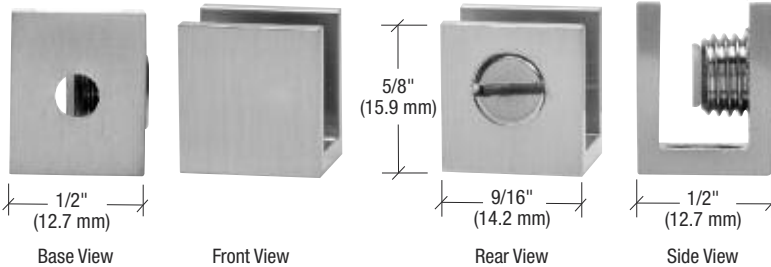
CRL Set Screw Glass Clamps are designed to attach glass without having to drill holes in the panels. These solid brass Clamps can be used for a variety of glass applications. They can be attached to any substrate, and are secured to the glass with plastic tipped set screws. Economically packaged 10 per pack for your convenience.

- 10 Clamps Per Pack

| CAT. NO. | FINISH |
|---|---|
| EH22 | Chrome |
| EH23 | Brushed Nickel |
| EH24 | Brass |

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

## CRL Set Screw Clamps for 1/4" to 5/16" (6 to 8 mm) Glass

25/64" (10 mm)

5/8" (15.9 mm)

5/8" (15.9 mm) — Base View
Front View
5/8" (15.9 mm) — Rear View
5/8" (15.9 mm) — Side View
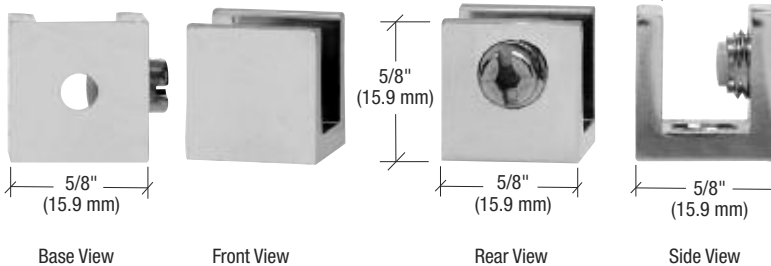
CRL Set Screw Clamps are designed for smaller glass mounting projects. They are an economical way of attaching shelves to walls. These solid brass Clamps can be used for a variety of glass applications. They can be attached to any substrate, and a plastic tipped set screw secures the glass. Sold only in packs of 10.

- 10 Clamps Per Pack

| CAT. NO. | FINISH |
|---|---|
| EH26 | Chrome |
| EH27 | Brushed Nickel |
| EH28 | Brass |

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

## CRL Single Set Screw Clamps for 1/4" to 5/16" (6 to 8 mm) Glass

3/8" (9.5 mm)

1-1/16" (27 mm)

5/8" (15.9 mm) — Base View
Front View
5/8" (15.9 mm) — Rear View
5/8" (15.9 mm) — Side View
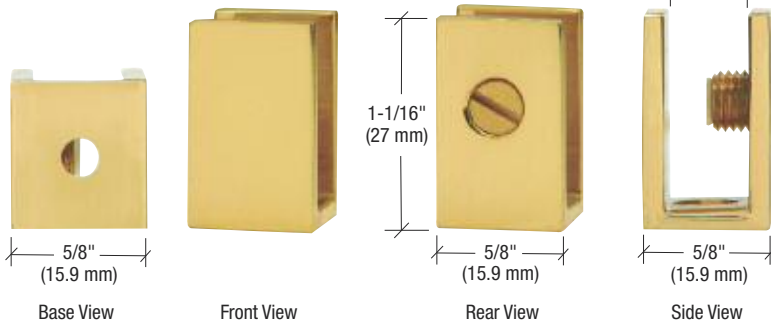
CRL Single Set Screw Glass Clamps are designed for lightweight glass mounting solutions such as erecting small signs, low glass partitions in kiosks, or attaching shelves to walls. These solid brass Clamps can be used for a variety of glass applications. They can be attached to any substrate. The glass is secured by a plastic tipped set screw. One Clamp per pack.

- 1 Clamp Per Pack

| CAT. NO. | FINISH |
|---|---|
| EH30 | Chrome |
| EH31 | Brushed Nickel |
| EH32 | Brass |

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

## CRL Double Set Screw Clamps for 1/4" to 5/16" (6 to 8 mm) Glass

3/8" (9.5 mm)

1-1/16" (27 mm)

5/8" (15.9 mm) — Base View
Front View
1" (25.4 mm) — Rear View
5/8" (15.9 mm) — Side View
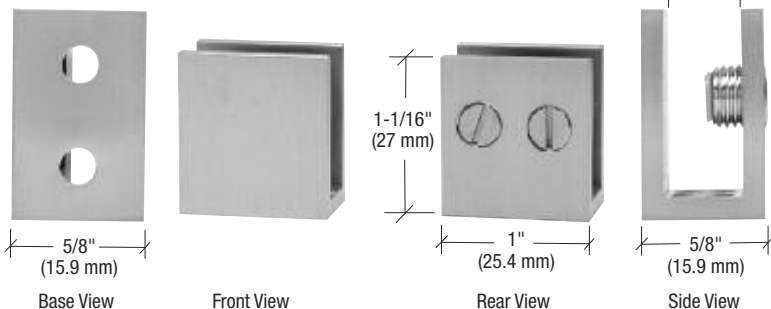
CRL Double Set Screw Glass Clamps are designed to mount glass just about anywhere. With double plastic tipped set screws, this solid brass Clamp has the strength to support larger panels. Typical applications include connecting panels for railing systems, office partitions, and display merchandise signage. One Clamp per pack.

- 1 Clamp Per Pack

| CAT. NO. | FINISH |
|---|---|
| EH34 | Chrome |
| EH35 | Brushed Nickel |
| EH36 | Brass |

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

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## CRL Face Plate Clamps

From Clamps with narrow profiles to traditional designs, CRL offers Glass Clamps with both removable and fixed face plates to provide flush glazing and ease of panel installation. These solid brass Clamps work with glass thicknesses from 1/4" to 1/2" (6 to 12 mm) using CRL Cat. No. 8X112FHPSMS Flat Head Phillips Screw.

**USE MONOLITHIC TEMPERED GLASS**

### CRL Low Profile Face Plate Clamps for 1/4" to 5/16" (6 to 8 mm) Glass

3/8" (9.5 mm)
1-3/16" (30.2 mm)
17/32" (13.5 mm)
2-3/8" (60.3 mm)
5/8" (15.9 mm)
5/8" (15.9 mm)

Base View    Front View    Rear View    Side View
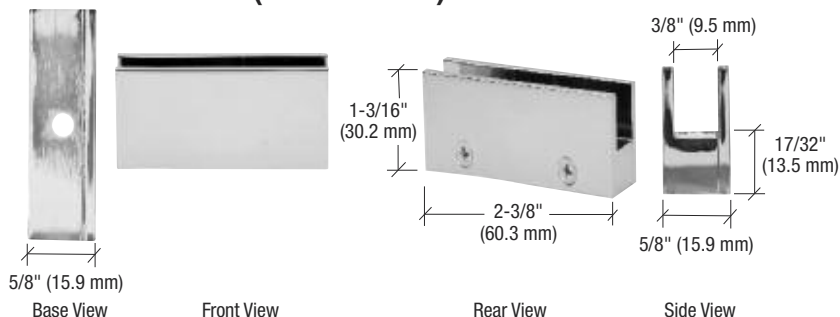
CRL Low Profile Face Plate Glass Clamps are perfect for flush glazing or attaching shelves to walls. The Clamp has a removable face plate secured with two screws. A gasket for 5/16" (8 mm) glass is supplied. For use with 1/4" (6 mm) glass we recommend CRL Cat. No. 820 Tuff-Pak Tape. One Clamp per pack.

**- 1 Clamp Per Pack**

| CAT. NO. | FINISH |
|---|---|
| EH09 | Brushed Nickel |
| EH10 | Chrome |
| EH11 | Brass |

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

### CRL Light Glass Face Plate Clamps for 1/4" to 3/8" (6 to 10 mm) Glass

7/16" (11.1 mm)
1-31/32" (50 mm)
3/8" (9.5 mm)
3/4" (19 mm)
1-9/16" (39.6 mm)
3/4" (19 mm)

Base View    Front View    Rear View    Side View
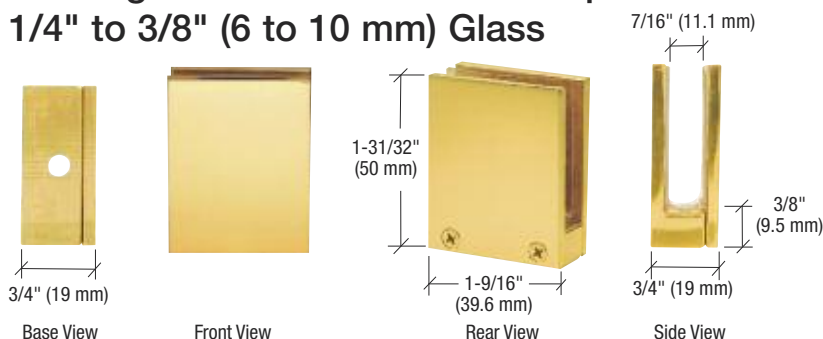
CRL Light Glass Face Plate Clamps are one of our most popular sellers. Universal in design, the Clamp has a removable face plate secured with two screws. Gasket is supplied for 3/8" (10 mm) glass. For use with 1/4" (6 mm) glass we recommend CRL Cat. No. 820 Tuff-Pak Tape. One Clamp per pack.

**- 1 Clamp Per Pack**

| CAT. NO. | FINISH |
|---|---|
| EH12 | Chrome |
| EH13 | Brushed Nickel |
| EH14 | Brass |

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

### CRL Heavy Glass Face Plate Clamps for 3/8" to 1/2" (10 to 12 mm) Glass

9/16" (14.2 mm)
1-31/32" (50 mm)
3/8" (9.5 mm)
7/8" (22.2 mm)
1-9/16" (39.6 mm)
7/8" (22.2 mm)

Base View    Front View    Rear View    Side View
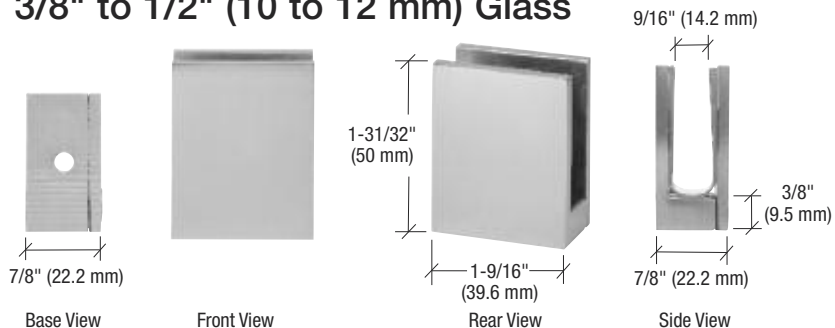
CRL Heavy Glass Face Plate Clamps are universal in design and solve many glass mounting problems. One of our most popular sellers for flush glazing or attaching shelves to walls, this Clamp has a removable face plate secured with two screws. A gasket is supplied for 1/2" (12 mm) glass. For use with 3/8" (10 mm) glass we recommend CRL Cat. No. 820 Tuff-Pak Tape. One Clamp per pack.

**- 1 Clamp Per Pack**

| CAT. NO. | FINISH |
|---|---|
| EH15 | Brushed Nickel |
| EH16 | Chrome |
| EH17 | Brass |

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

### CRL Fixed Plate Corner Clamps for 1/4" to 3/8" (6 to 10 mm) Glass

1/2" (12.7 mm)
1-15/16" (49.2 mm)
3/8" (9.5 mm)
3/4" (19 mm)
1-9/16" (39.6 mm)
3/4" (19 mm)

Base View    Front View    Rear View    Side View
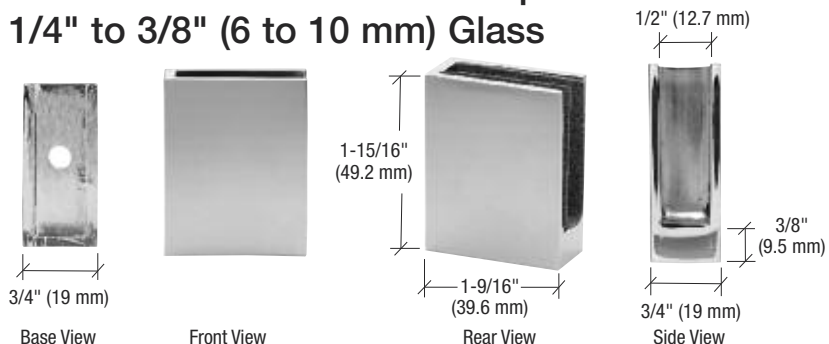
CRL Fixed Plate Corner Glass Clamps are ideal for securing glass at the top or bottom edges of partitions. These blank Corner Clamps have no face plates or set screws; glass is secured with packing. They give a finished look to shelves that are viewed from the front. Gasket is supplied for 3/8" (10 mm) glass. For use with 1/4" (6 mm) glass we recommend CRL Cat. No. 820 Tuff-Pak Tape. One Clamp per pack.

**- 1 Clamp Per Pack**

| CAT. NO. | FINISH |
|---|---|
| EH18 | Chrome |
| EH19 | Brushed Nickel |
| EH20 | Brass |

Minimum order: 1 pack. All Glass Clamps can be combined for quantity pricing.

go to crlaurence.com to search for

**glass-clamps**    Search

or enter the Catalog Number for complete product information

**55SC**

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

**CRL** US ALUMINUM

## CRL Mall Front Clamps

**ONLINE** **INSTALLATION RESOURCES**

**USE MONOLITHIC TEMPERED GLASS**

- A Choice of High Tech, Contemporary Designs for Use With 3/8" to 3/4" (10 to 19 mm) Thick Tempered Glass
- Commonly Used in Malls for Joining Vertical Joints of Glass Wall Panels
- Reduces Panel Deflection
- Custom Finishes Available

Mall Front Clamps join vertical glass wall panels and provide rigidity to reduce flexing when pressure is applied. They can also serve as floating indicators to alert pedestrians of a panel's presence in dimly lit areas. CRL Mall Front Clamps come in polished brass, polished stainless, or brushed stainless finishes, and are designed for use with 3/8" to 1/2" (10 to 12 mm) thick tempered glass.
**NOTE**: Two models will accommodate up to 3/4" (19 mm) thick tempered glass.

## CRL 180 Degree Square Clamps

- For 3/8" to 3/4" (10 to 19 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass
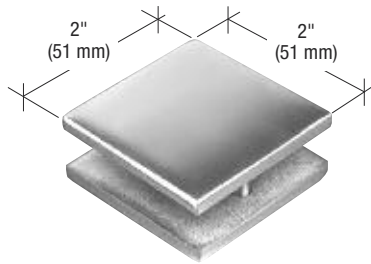
2" (51 mm)     2" (51 mm)

This 2" x 2" (51 x 51 mm) 180 Degree Square Mall Front Clamp attaches with two flat head Phillips screws (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

| CAT. NO. | FINISH |
|---|---|
| MFC18 | Polished Stainless |
| MFC19 | Brushed Stainless |
| MFC20 | Polished Brass |

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

## CRL 180 Degree Round Clamps

- For 3/8" to 3/4" (10 to 19 mm) Thick Tempered Glass
- Alloy 304 Stainless
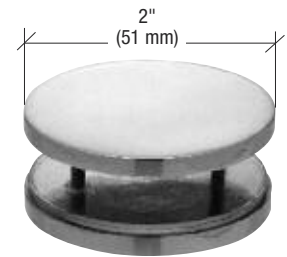
2" (51 mm)

This 2" (51 mm) diameter 180 Degree Round Mall Front Clamp attaches with two flat head Phillips screws (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

| CAT. NO. | FINISH |
|---|---|
| MFC30 | Polished Stainless |
| MFC31 | Brushed Stainless |

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

## CRL 180 Degree Square Clamps

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass

2" (51 mm)     2" (51 mm)
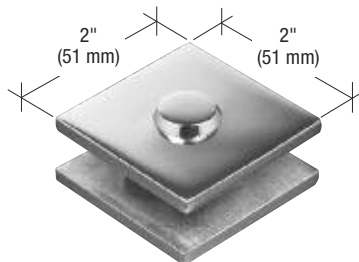
This 2" x 2" (51 x 51 mm) 180 Degree Square Mall Front Clamp attaches with a single beveled nut (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

| CAT. NO. | FINISH |
|---|---|
| MFC10 | Polished Stainless |
| MFC11 | Brushed Stainless |
| MFC12 | Polished Brass |

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

## CRL 180 Degree Round Clamps

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass

2" (51 mm)

This 2" (51 mm) diameter 180 Degree Round Mall Front Clamp attaches with a single beveled nut (included). Suggested minimum gap between tempered glass panels is 7/32" (6 mm).

| CAT. NO. | FINISH |
|---|---|
| MFC14 | Polished Stainless |
| MFC15 | Brushed Stainless |
| MFC16 | Polished Brass |

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

go to crlaurence.com to search for
**mall-clamps**     Search
or enter the Catalog Number for complete product information

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# CRL Mall Front Clamps

**ONLINE** *INSTALLATION RESOURCES*

**USE MONOLITHIC TEMPERED GLASS**

## CRL Wall Mount Square Clamps

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass

CRL Wall Mount Mall Front Clamps join vertical glass wall panels to walls and provide rigidity to reduce flexing when pressure is applied. Supplied with two wood screws for installation.

2" (51 mm)
2" (51 mm)
Front View
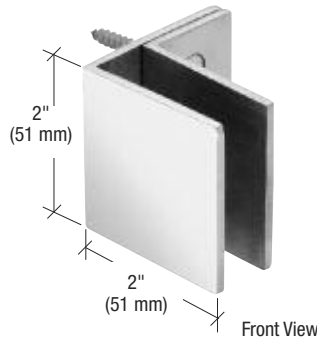
| CAT. NO. | FINISH |
|---|---|
| MFCW10 | Polished Stainless |
| MFCW11 | Brushed Stainless |
| MFCW12 | Polished Brass |

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

## CRL Wall Mount Round Clamps

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass

CRL Wall Mount Mall Front Clamps join vertical glass wall panels to walls and provide rigidity to reduce flexing when pressure is applied. Supplied with two wood screws for installation.

2" (51 mm)
1" (25 mm)
Front View
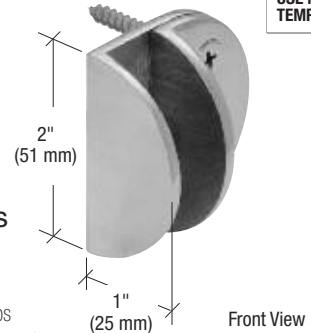
| CAT. NO. | FINISH |
|---|---|
| MFCW14 | Polished Stainless |
| MFCW15 | Brushed Stainless |
| MFCW16 | Polished Brass |

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

## CRL 90 Degree Square Clamps

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass

This 90 Degree Square Mall Front Clamp installs using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

2" (51 mm)
2-1/2" (63 mm)
2-1/2" (63 mm)
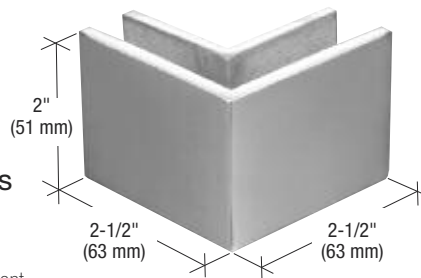
| CAT. NO. | FINISH |
|---|---|
| MFC22 | Polished Stainless |
| MFC23 | Brushed Stainless |
| MFC24 | Polished Brass |

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

## CRL 90 Degree Round Clamps

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless

This 90 Degree Round Mall Front Clamp installs using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

2" (51 mm)
2" (51 mm)
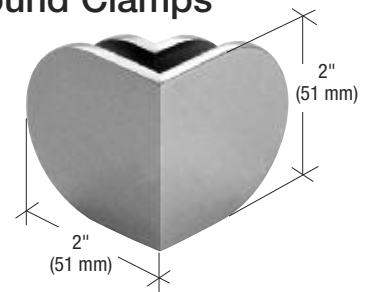
| CAT. NO. | FINISH |
|---|---|
| MFC34 | Polished Stainless |
| MFC35 | Brushed Stainless |

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

## CRL 135 Degree Square Clamps

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless or C260 Brass

This 135 Degree Square Mall Front Clamp installs using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

2" (51 mm)
2-3/8" (60 mm)
2-3/8" (60 mm)
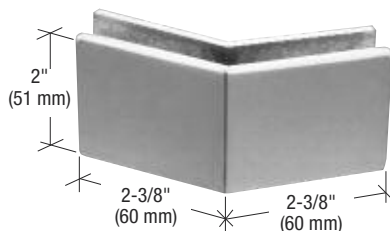
| CAT. NO. | FINISH |
|---|---|
| MFC26 | Polished Stainless |
| MFC27 | Brushed Stainless |
| MFC28 | Polished Brass |

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

## CRL 135 Degree Round Clamps

- For 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Alloy 304 Stainless

This 135 Degree Round Mall Front Clamp installs using our Cat. No. 491012 or AT04012 Clear Very Hi-Bond Tape and Cat. No. RTV408C Neutral Cure Silicone.

2" (51 mm)
2" (51 mm)
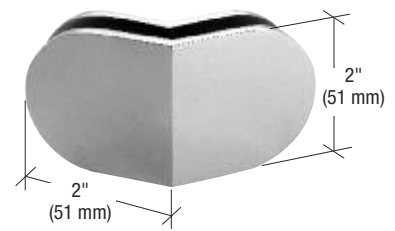
| CAT. NO. | FINISH |
|---|---|
| MFC38 | Polished Stainless |
| MFC39 | Brushed Stainless |

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

go to crlaurence.com to search for

mall-clamps | Search

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## CRL Mini Mall Front Clamps

**ONLINE** *INSTALLATION RESOURCES*

**CAT. NO. MC112BN**
Brushed Nickel Finish
Solid Brass

**CAT. NO. MC112BR**
Brass Finish
Solid Brass

**CAT. NO. MC112CH**
Chrome Finish
Solid Brass

**CAT. NO. MC112A**
Satin Anodized
Aluminum

**CAT. NO. MC112BL**
Black Anodized
Aluminum

- Perfect for Joining Vertical Interior Panels of Heavy Glass in Malls
- For Use With 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Custom Finishes Available

1-1/2" (38 mm)

1/8" (3 mm)

**USE MONOLITHIC TEMPERED GLASS**
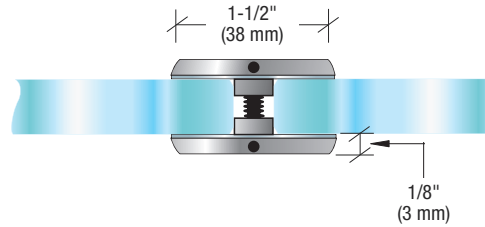
3/8" to 1/2"

CRL Mini Mall Front Clamps are used to join vertical glass panels, making it more difficult to pinch fingers or clothing between the panels. Mini Mall Clamps will work with 3/8" to 1/2" (10 to 12 mm) thick tempered glass, and are easy to install. The round cap is tightened by simply putting a 3/32" drill in the round hole in the beveled edge and turning.

1-1/2" (38 mm) diameter Clamps are available with a solid brass construction in a choice of brushed nickel, brass or chrome finishes, or aluminum construction in a choice of satin anodized or black finishes. Suggested minimum gap between panels is 1/4" (6 mm).

For custom finishes, contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also send us an e-mail at **crlaurence.com/support**.

| CAT. NO. | MATERIAL | FINISH |
|----------|----------|--------|
| MC112BN | Solid Brass | Brushed Nickel |
| MC112BR | Solid Brass | Brass |
| MC112CH | Solid Brass | Chrome |
| MC112A | Aluminum | Satin Anodized |
| MC112BL | Aluminum | Black Anodized |

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

## CRL Clear Acrylic Mall Glass Clamps

**ONLINE** *INSTALLATION RESOURCES*

3/8" to 1/2"

**USE MONOLITHIC TEMPERED GLASS**

2-1/2" (64 mm)

1-1/4" (32 mm)

90 Degrees

**CAT. NO. AMC90**

2-1/2" (64 mm)

1-1/4" (32 mm)

135 Degrees

**CAT. NO. AMC135**

2-1/2" (64 mm)

1-1/2" (38 mm)

180 Degrees
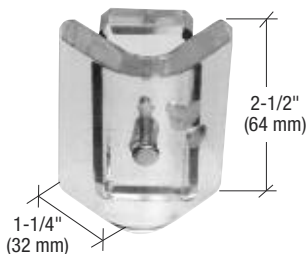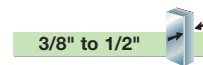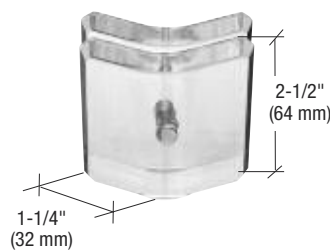
**CAT. NO. AMC180**
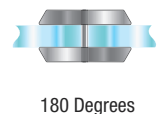
- For Use With 3/8" to 1/2" (10 to 12 mm) Thick Tempered Glass
- Clear Acrylic Appearance Blends in With the Glass

- Available in Three Styles
- Chrome Caps Hide Screws

CRL Clear Acrylic Mall Glass Clamps provide the perfect solution for heavy plate glass panels installed in mall fronts, and can be used for a variety of glass installations. The clear acrylic look blends in with the glass, making them almost invisible. A piece of vinyl tubing protects the glass from the #6-32 screw, and a chrome cap hides the screw after it has been installed.

| CAT. NO. | MATERIAL | STYLE |
|----------|----------|-------|
| AMC90 | Clear Acrylic | 90 Degree Angle |
| AMC135 | Clear Acrylic | 135 Degree Angle |
| AMC180 | Clear Acrylic | 180 Degree Angle |

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

go to crlaurence.com to search for
**mall-clamps** Search
or enter the Catalog Number for complete product information

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**CRL** US ALUMINUM

# CRL CABLE DISPLAY SYSTEMS

MORE *CHOICES*
crlaurence.com/cable-displays

**USE MONOLITHIC TEMPERED GLASS**

Cable Display Systems provide some of the most versatile, durable, and best looking methods for decoration and interior design. Used in retail, commercial, and residential applications, CRL Cable Display Systems have limitless capabilities and functions.

CRL has Cable Display Systems for 1/4", 5/16", 3/8", and 1/2" (6, 8, 10, and 12 mm) thick glass. The most popular and basic installations for Cable Display Systems are from floor to ceiling, but they can also be used as shelving systems inside showcases and cabinets. Cable Display Systems are also available for ceiling-to-wall, wall-to-wall, and wall-to-floor applications.

The following pages will provide you with photographs of installations and parts to properly install your Cable Display System. Our Technical Sales team can also assist you in the selection of the right system for your project. Contact Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us at **crlaurence.com/support**.

go to crlaurence.com to search for
**cable-displays**    Search
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## CRL Cable Display System for 1/4" to 5/16" (6 to 8 mm) Glass

- Frameless Look Highlights Displayed Objects Without Distractions
- Wide Variety of Components Allow Limitless Design Choices
- Available in Several Finishes

**USE MONOLITHIC TEMPERED GLASS**

CRL's Cable Display System is an ideal option for high-tech retail displays or residential interiors. We have all of the components needed to install the Cable Display of your own design into ceilings, floors, wood bases or concrete. Create dramatic effects with 1/4" to 5/16" (6 to 8 mm) glass shelves, or use other materials of equal thickness - it's up to you.

Shelf Brackets are available in either fixed or adjustable positions, providing the flexibility to display merchandise on horizontal surfaces, or signage/graphic arts in a vertical position. Brackets are quickly and easily repositioned so you can change the look and function of the display as often as you like.

**CAT. NO. CB92**
Fixed Single Shelf Bracket
Chrome Finish

**CAT. NO. CB96**
Fixed Double Shelf Bracket
Chrome Finish

**CAT. NO. CB108**
Drilled Glass Shelf Bracket
Chrome Finish

**CAT. NO. CB74**
Ceiling Mount Fitting
Chrome Plated Finish

**CAT. NO. CB88**
Long Round Floor Base Fitting
Chrome Finish

**CAT. NO. CB100**
Adjustable Single Shelf Bracket
Chrome Finish

**CAT. NO. CB84**
Short Round Floor Base Fitting
Chrome Finish

**CAT. NO. CB105**
Adjustable Double Shelf Bracket
Nickel Plated Finish

Installed Cable Shelf System

**CAT. NO. CB116**
Cable Turnbuckle
Nickel Plated Finish

**CAT. NO. CB70**
Stainless Steel Cable
118" (3 m) Long

**CAT. NO. CB72**
Stainless Steel Cable
196" (4.9 m) Long

**CAT. NO. CB112**
Hanger Pipe Base Fitting
Chrome Finish

**CAT. NO. CB118**
Cable Loop Securing Clamp
Nickel Plated Finish

**CAT. NO. CB80**
Fixed Base Floor Fitting
Chrome Finish

Minimum order: 1 each.  All Cable System Components can be combined for quantity pricing.
**NOTE:** For additional Cable System selections please reference our web site at **crlaurence.com/cable-displays**

go to crlaurence.com to search for

**cable-displays**    Search

**60SC**

or enter the Catalog Number for complete product information

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## CRL Cable System for 1/4" to 3/8" (6 to 10 mm) Glass

**USE MONOLITHIC TEMPERED GLASS**

- Easy to Install and Adjust
- High Quality Components
- Works With 1/4" to 3/8" (6 to 10 mm) Materials

CRL's Cable System and Components for 1/4" to 3/8" (6 to 10 mm) glass offers all the options you will need for ceiling-to-floor suspension, shelving installations, hanging vertical panels, signage or retail displays. This versatile system is easily installed and adjusted. The elegantly designed components are fabricated from brass then are nickel plated, which provides compatibility with other fixtures or amenities in the office, home or retail environment. These CRL Display Systems represent cable technology in its finest form.

## CRL Ceiling-to-Floor Cable Kit

- Shelving Cable System That Can Be Quickly and Easily Installed and Reconfigured
- Stainless Steel Cable and Nickel Plated Components

Contains all of the basic cable components between the ceiling and floor or base: One 20 foot (6.1 m) length of Cable, one Tensioner, one Adapter, two Cable Holders, and two Cover Disks. Hanger Bolts or Threaded Studs for ceiling or floor attachment must be ordered separately. Shelf Connectors must also be ordered separately. Minimum order is one each.

**How It Works**

Threaded Studs or Hanger Bolts (Sold Separately)
Cover Disk *(2)
Adapter *(1)
Cable Holder* (2)

Y01CR    Shelf

**CAT. NO. Y0001CR**

Cable Holder

*Included in the Y0001CR Cable Kit

Tensioner *(1)

Cover Disk

Ceiling-to-Floor Cable Installation

**Weight Capacity:** Four cables, securely and properly anchored to ceiling beams or studs have a maximum weight capacity of 300 pounds (136 kg). Each Single Connector is rated at 20 pounds (9 kg), Double Connectors are rated at 10 pounds (4.5 kg). Due to the diversified variety of applications, weight limitations for the Cable Systems are dependent upon ceiling, wall or substrate anchoring.

## CRL Y0001CR Cable Kit Contains:
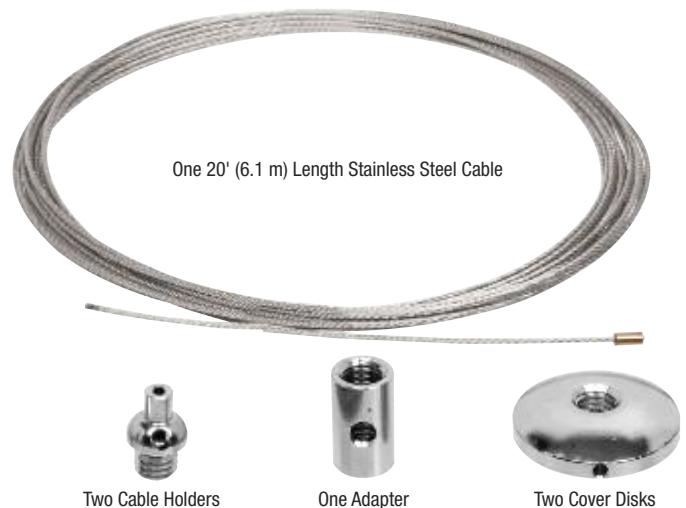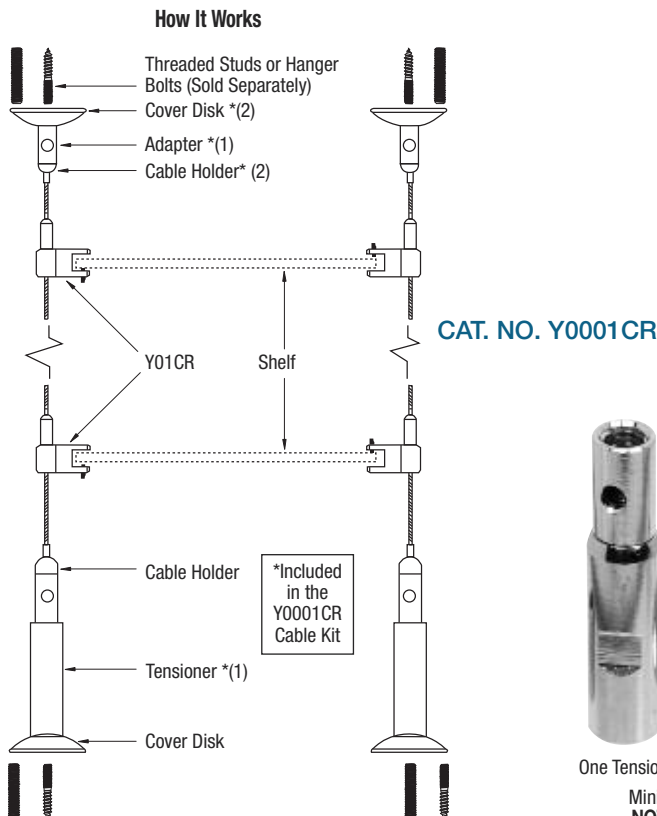
One 20' (6.1 m) Length Stainless Steel Cable

One Tensioner    Two Cable Holders    One Adapter    Two Cover Disks

Minimum order: 1 each. All Cable System Components can be combined for quantity pricing.
**NOTE:** For additional Cable System selections go to **crlaurence.com/cable-displays**

go to crlaurence.com to search for
**cable-displays**    Search
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# CRL CABLE DISPLAY SYSTEMS

## CRL Single-Sided Shelf Connector

- Position Shelves or Panels Either Horizontally or Vertically

The CRL Single-Sided Shelf Connector with Tensioner is designed for a maximum glass thickness of 3/8" (10 mm), and is used in single shelf or panel installations. The Connector can be rotated to any position to accommodate vertical panels and signage or "tilted" displays. Each Single-Sided Connector has a maximum weight capacity of 20 pounds (9 kg).

15/32" (11.9 mm)

1-13/16" (46 mm)

13/32" (10.5 mm)

13/16" (20.6 mm)
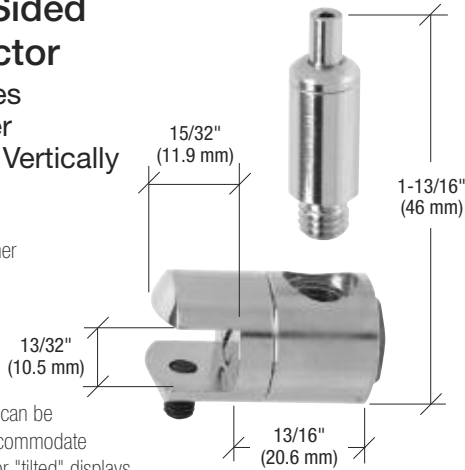
**CAT. NO. Y01CR**

## CRL Double-Sided Shelf Connector

- Designed for Side-by-Side Shelf Installations

CRL's Double-Sided Shelf Connector with Tensioner is designed for a maximum glass thickness of 3/8" (10 mm), and is used when side-by-side shelves are required. These Connectors are installed on the "inside" cables. Screws are included with the Single-Sided and Double-Sided Connectors to accommodate both 1/4" and 3/8" (6 and 10 mm) panels. Each Double-Sided Connector has a maximum weight capacity of 10 pounds (4.5 kg).

15/32" (11.9 mm)

1-13/16" (46 mm)

3/8" (10 mm)

1-1/16" (26.9 mm)
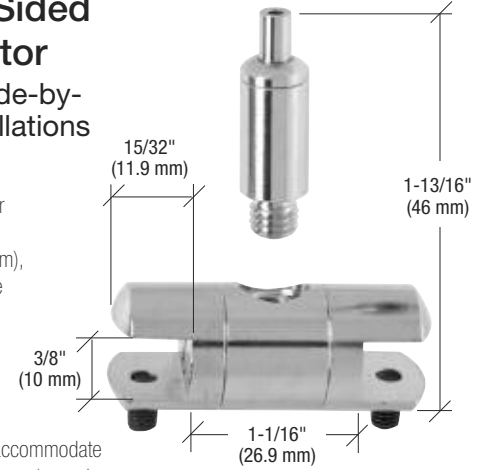
**CAT. NO. Y02CR**

## CRL Drill-Thru Shelf Support

- Ideal for Glass or Wood Shelves

The CRL Drill-Thru Shelf Support with Tensioner is designed to be used for 3/8" (10 mm) Glass, and is used in single shelf installations. The Support requires a 1/2" (12.7 mm) drilled hole in the shelf. This Support can also be used with wood shelves using the three holes in the support disk to secure the shelf with wood screws (not included). Each Drill-Thru Shelf Support has a maximum weight capacity of 20 pounds (9 kg).

7/16" (11.1 mm)

1-9/16" (39.6 mm)

1-3/8" (34.9 mm)
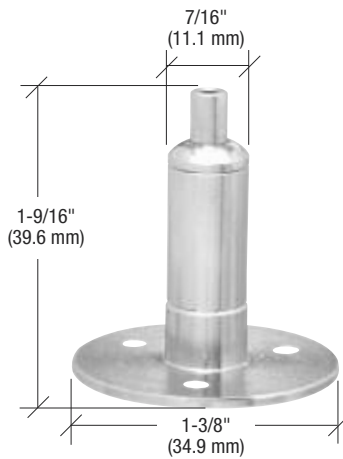
**CAT. NO. Y03CR**

## CRL Thru-Glass Shelf Holder

- Attaches Securely to 3/8" (10 mm) Thick Shelves

CRL's Thru-Glass Shelf Holder is similar to the Drill-Thru Shelf Support in function, however the installation provides an extremely low profile appearance. Designed for 3/8" (10 mm) glass shelving, the Thru-Glass Shelf Holder requires a 7/16" (11 mm) hole in the glass. Each Shelf Holder has a maximum weight capacity of 20 pounds (9 kg).

7/16" (11.1 mm)

1-3/8" (34.9 mm)

3/8" (10 mm)
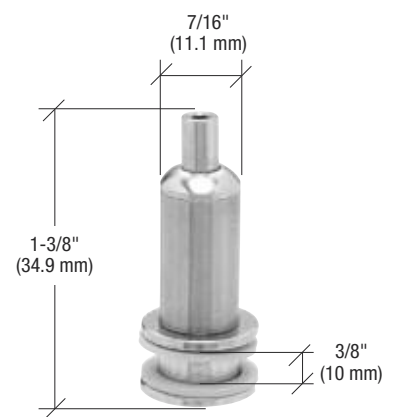
**CAT. NO. Y05CR**

## CRL Acrylic Envelope - Portrait Format

- Display Advertisements or Photos
- Quickly Change Photos Without Removing Envelope from Cables
- Install Onto Cables Using Our Cat. No. Y01CR Connector

CRL's Acrylic Portrait Envelope is a convenient and efficient way to display 8-1/2" wide x 11" high (216 x 279 mm) advertisements, notices, menus, or photos using CRL's Y0001CR Ceiling-to-Floor Cable Kit or our Y0002CR Wall-to-Wall Cable Kit. Material displayed in the Envelopes can be quickly changed while still connected to the cables. The Envelopes can also be easily moved up or down on the cables by depressing the tip on the Connector Tensioner.

**CAT. NO. CE811**

## CRL Acrylic Envelope - Landscape Format

- Perfect for Signage or Advertisements
- Used With Our Y0001CR and Y0002CR Cable Display Kits

CRL's Acrylic Landscape Envelope is a great way to display product brochures or advertisements. Perfect for installation in store windows, the 11" wide x 8-1/2" high (279 x 216 mm) Landscape Envelopes are ideal for retail specials or daily ad sheets. Easy access to the back of the Envelope permits material to be quickly changed without being removed from cables.

**CAT. NO. CE118**

Minimum order: 1 each. All Cable Display System Components can be combined for quantity pricing.

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## CRL Horizontal Wall Anchor

- Provides Additional Support for Fixed Shelves

1-3/8" (34.9 mm)
9/16" (14 mm)
7/16" (11.1 mm)
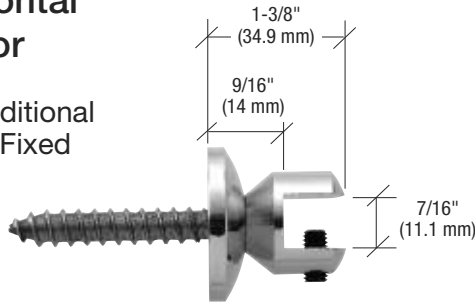
CRL's Horizontal Wall Anchors are designed to attach and support Cable Display System shelves to a wall or substrate. When Cable System shelving units are designed to have Cables supporting only the front edges of the shelves, the Horizontal Wall Anchor is the ideal component to secure and support the glass shelf against the wall. These matching components should be installed into wall studs for maximum support. The Wall Anchor has a weight capacity of 20 pounds (9 kg). Each package contains one Support, one Cover Disk, and one Dual Threaded Screw.

**CAT. NO. Y06CR**

## CRL Vertical Wall Panel Hanger

- Perfect for Signage or Lightweight Panels

1-1/4" (31.7 mm)
1-3/4" (44.4 mm)
15/32" (11.9 mm)
3/8" (10 mm)
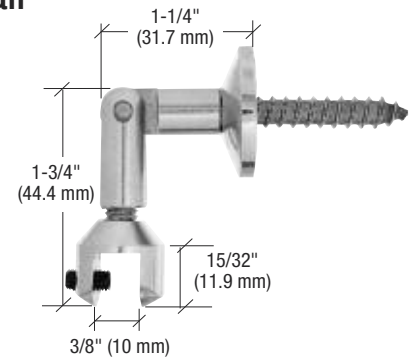
CRL's Vertical Wall Panel Hangers are designed for lightweight 1/4" to 3/8" (6 to 10 mm) signs or panels. Easily installed to vertical walls or substrates, the Panel Hangers can be used individually or in pairs to attractively hang signage, office nameplates or decorative panels. The Panel Hanger has a maximum weight capacity of 20 pounds (9 kg). Each package contains one Support, one Elbow, one Cover Disk, and one Dual Threaded Screw.

**CAT. NO. Y07CR**

## CRL Vertical Panel Connector

- Hang Vertical Panels Safely and Securely
- Requires Drilled Hole in Glass or Panel

7/16" (11.1 mm)
1-7/8" (47.6 mm)
3/4" (19 mm)
3/4" (19 mm)
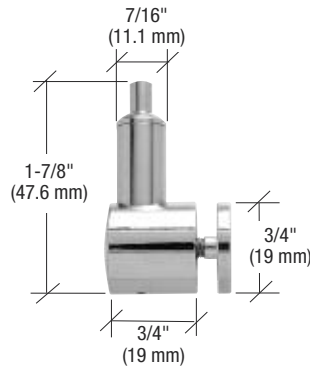
CRL's Vertical Panel Connectors are the ideal product for hanging 1/4" to 3/8" (6 to 10 mm) mirrors or glass panels in an environment where clamping on the edges of the glass is not the most secure method. The Panel Connectors are also the choice when Cables are designed to be installed behind the panel. Glass or panel fabrication requires a minimum 1/4" (6 mm) diameter hole, and can require a 3/8" (10 mm) diameter hole for 3/8" (10 mm) thick tempered glass. Each Panel Connector has a maximum weight capacity of 20 pounds (9 kg) for 1/4" to 5/16" (6 to 8 mm) panels, and 10 pounds (4.5 kg) for 3/8" (10 mm) panels.

**CAT. NO. Y04CR**

## CRL Concrete Anchor for 3/8" Cable System

**ONLINE** *INSTALLATION RESOURCES*

- Attach Cable Components to Concrete Floor or Wall

1" (25.4 mm)
1/2" (12 mm)
3-3/4" (95.2 mm)
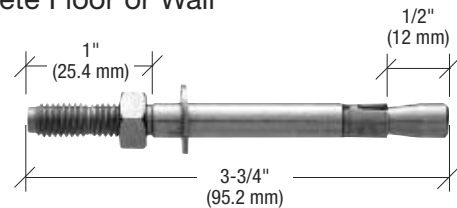
When it becomes necessary to install the CRL 3/8" (10 mm) Cable Display System into a concrete floor or wall, the Concrete Anchor is designed with an M8 thread which will attach to the Cable System Base Fitting. The Concrete Anchor can be easily installed by drilling a 5/16" (7.9 mm) diameter hole 2" (50.8 mm) deep into the concrete. Tapping the top of the Anchor with a hammer will result in securely fastening the Anchor into the concrete.

**CAT. NO. Y38CA**

## CRL Dual Threaded Screw

- Used for Cable Installation into Wood or Laminate
- Zinc

2" (50 mm)
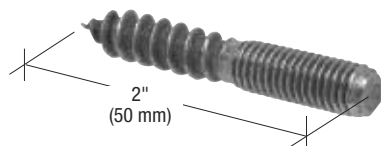
The CRL M8 x 50 mm Dual Threaded Screw is used when installing the Cable Display System into a wood or laminate base or ceiling support. The threaded portion of the screw is attached to the Cover Disk and Adapter.
**NOTE:** Use Cat. No. 165HBM8 Driver to install.

**CAT. NO. Y0010**

## CRL Threaded Stud

- Used for Cable Installation into Metal
- Zinc

1-1/2" (38.1 mm)
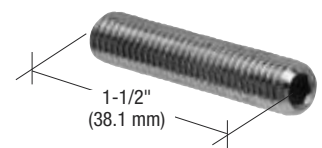
The CRL M8 x 40 mm Threaded Stud is used when installing the Cable Display System into metal at the ceiling or base. Half of the Stud is threaded into the ceiling or floor metal support, the other half is attached to the Cover Disk and Adapter.

**CAT. NO. Y0020**

Minimum order: 1 each. All Cable Display System Components can be combined for quantity pricing.

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## CRL Cable Systems for
## 3/8" to 1/2" (10 to 12 mm) Glass

- An Ideal System for 1/2" (12 mm) Shelving
- High Quality in Appearance and Material

**USE MONOLITHIC TEMPERED GLASS**

CRL's Cable System for 1/2" (12 mm) glass is also the ideal system for use with large size 3/8" (10 mm) shelving installations that are too heavy for CRL's Cable Display System for 3/8" Glass. The 4 mm Stainless Steel Cable and Stainless Steel Components are innovative both in design and technology. This system is extremely versatile and can easily be installed for shelving or for hanging vertical panels. Select from a variety of connectors and components, each one unique and functional. For additional information, go to **crlaurence.com/cable-displays** or contact CRL Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 588-1281 International, and ask for Ext. 5275. You can also e-mail us at **crlaurence.com/support**.

## CRL Floor-to-Ceiling Cable Kit for
## 3/8" to 1/2" (10 to 12 mm) Glass

- Designed for Heavy Glass Shelves
- Horizontal and Vertical Applications

CRL's Cable Kit for 3/8" to 1/2" (10 to 12 mm) glass is fabricated from high quality 316 stainless steel. Used either indoors or outdoors, this system offers all the necessary components for any project design.  The Kit contains: One 15 foot (4.5 m) length of Stainless Steel Cable with Top Swivel Fitting, one Bottom Anchor and two Cover Disks. Shelf Connectors and attachment hardware must be purchased separately. Minimum order is one each.

Ceiling-to-Floor Cable Installation

**Weight Capacity**:  Each Cable is rated at 1600 pounds (725.7 kg), and each Connector has a maximum weight capacity of 35 pounds (15.9 kg).  Due to the diversity of applications, weight limitations for the Cable Systems are dependent upon ceiling, wall or substrate anchoring.

**ONLINE** *INSTALLATION* **RESOURCES**

**How It Works**

Swaged Swivel Internal Thread End

4 mm Stainless Steel Cable

Field Installed Internal Thread End

Cover Disk

**Mounting Options**
Concrete Anchor Threaded Rod or Hanger Bolt (sold separately).

## CRL Y0003CR Cable Kit Contains:

One 15' (4.5 m) Length Stainless Steel Cable

**CAT. NO. Y0003CR**

One Bottom Anchor          Two Cover Disks

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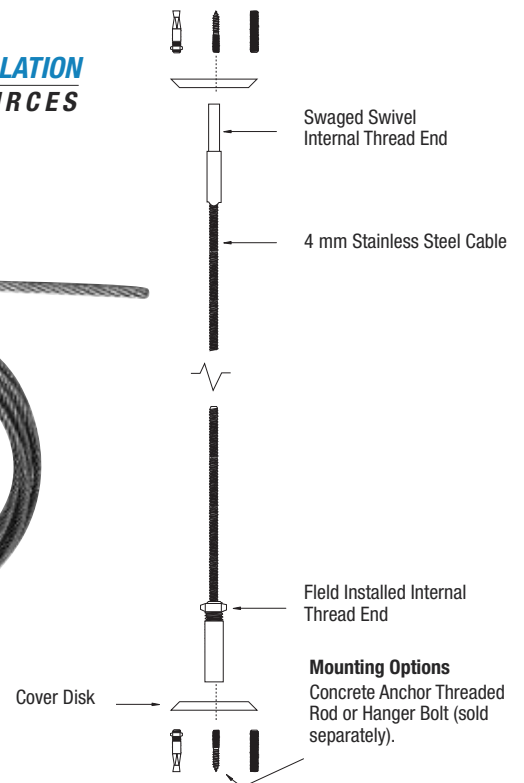
## CRL Horizontal Shelf Connector

- Shelf Height is Easily Adjusted

7/16" (11.1 mm)
15/16" (23.8 mm)
1-1/16" (26.9 mm)
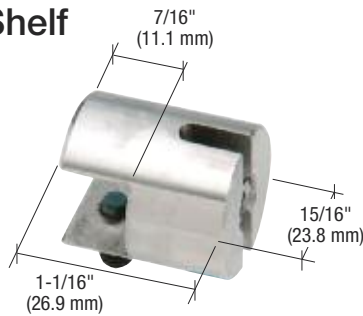
Designed for 3/8" to 1/2" (10 to 12 mm) glass single shelf installations, this Stainless Steel Connector can be securely positioned on the 4 mm Cable by tightening the set screw against the Cable. A nylon tipped screw holds the glass firmly in place. The weight capacity for the Horizontal Connector is 35 pounds (15.9 kg).

**NOTE**: For 3/8" (10 mm) thick glass, you must order Cat. No. Y03S Screw (M6 x 1/2") and replace screw in connector.

**CAT. NO. Y031CR**

## CRL Vertical Panel Connector

- Displays Panel in Vertical Position

1-1/16" (26.9 mm)
9/16" (14.2 mm)
15/16" (23.8 mm)
7/16" (11.1 mm)
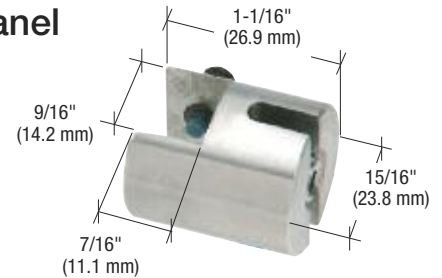
These Connectors, constructed of 316 stainless steel, are designed to hold 3/8" to 1/2" (10 to 12 mm) panels in a vertical position. The Connectors clamp onto the sides of the panel, and are held in place with nylon tipped set screws. The weight capacity for the Vertical Connector is 35 pounds (15.9 kg).

**NOTE**: For 3/8" (10 mm) thick glass, you must order Cat. No. Y03S Screw (M6 x 1/2") and replace screw in connector.

**CAT. NO. Y032CR**

## CRL Drill-Thru Shelf Support

- Provides "Frameless" Look

1-1/8" (28.5 mm)
9/16" (14.2 mm)

Trim Ring
**CAT. NO. Y033TR**

CRL's Drill-Thru Shelf Support for 3/8" to 1/2" (10 to 12 mm) glass shelves is a two-part Stainless Steel Clamp that is attached to the Cable with two socket head screws. The Drill-Thru Support requires a 1/2" (12 mm) diameter hole for the cable. The weight capacity for each Drill-Thru Shelf Support is 175 pounds (79.4 kg).

**CAT. NO. Y033CR**

## CRL Drill-Thru Connector for Vertical Panels

- Hang Vertical Panels Safely and Securely

3/4" (19 mm)
3/4" (19 mm)
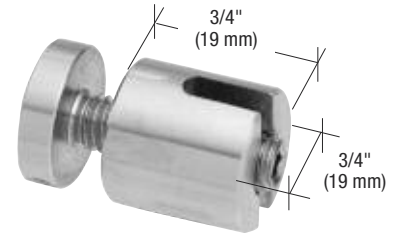
CRL's Drill-Thru Connectors are the ideal product for hanging 3/8" to 1/2" (10 to 12 mm) glass panels in a high moisture environment where clamping onto the edges of the glass is not the most secure method. The Connector package contains two caps, one for 3/8" (10 mm) and one for 1/2" (12 mm) panels. Drilling 1/2" (12 mm) holes in the glass is required. The weight capacity for each Drill-Thru Connector is 35 pounds (15.9 kg).

**CAT. NO. Y034CR**

## CRL Dual Threaded Screw

2-3/4" (69.8 mm)
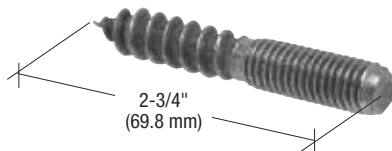
Used when installing the 1/2" (12 mm) Cable Kit into wood at the ceiling or floor. Half the screw is M6 thread and half is wood thread. The M6 thread portion is connected through the Cover Disks to the cable end fittings. **NOTE**: Use Cat. No. 165HBM6 Driver to install.

**CAT. NO. Y0310**

## CRL Threaded Stud

2-5/16" (60 mm)
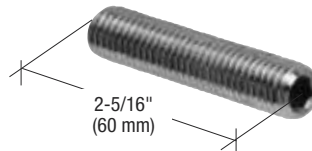
Used when installing a 1/2" (12 mm) Cable Kit to metal. The overall length of the Stud is 60 mm. The thread size is M6. Half of the Stud is threaded into the metal ceiling or floor metal support, and the other half connected through the Cover Disks to the cable end fittings.

**CAT. NO. Y0320**

## CRL Concrete Anchor

3-1/4" (82.2 mm)
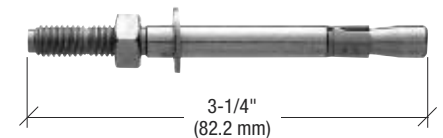
**ONLINE** INSTALLATION RESOURCES

When it becomes necessary to install the 1/2" (12 mm) Cable System into concrete, the Concrete Anchor has an M6 threaded end which attaches through the Cover Disk into the cable end fittings. The Concrete Anchor can be installed by drilling a 1/4" (6 mm) diameter hole 2" (51 mm) deep into the concrete. Tapping the top of the Anchor with a hammer will securely fasten the Anchor into the concrete.

**CAT. NO. Y12CA**

Minimum order: 1 each. All Cable System Components can be combined for quantity pricing.
**NOTE**: Please refer to CRL web site for other Cable or Rod Display options at crlaurence.com/cable-displays

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# CRL CABLE DISPLAY SYSTEMS

## CRL Wall Mounted Vertical Cable System Kit

**USE MONOLITHIC TEMPERED GLASS**

- Elegantly Display Artwork or Signage
- Easily Installed and Adjusted

CRL's Wall Mounted Vertical Cable System for 3/8" (10 mm) glass is designed to display signage, artwork or decorative panels. This Cable System is easily installed and adjusted. It is ideal for use in the office, home or retail environment. The components are fabricated from brass and are nickel plated. Two Wall Mounted Kits are required for mounting panels.

**Weight Capacity:** Each Wall Mounted Cable System, securely and properly anchored to wall studs or substrates, have a maximum weight capacity of 50 lbs. (22.7 kg).

## CRL Y0002CR Cable Kit Contains:

One 10 foot (3.05 m) length of 1.5 mm Cable, two Hanger Bolts, two Cover Disks, two Elbow Holders, two Cable Tensioners, one Comfort Tensioner, one Threaded Stud. Y01CR and Y02CR Connectors are not included. Minimum order is one each.

Two Cable Tensioners

Two Elbow Holders

One Threader Stud

Two Hanger Bolts

One Comfort Tensioner

Two Cover Disks

One 10' (3.05 m) Length Stainless Steel Cable

**CAT. NO. Y0002CR**

Minimum order: 1 each. All Cable System Components can be combined for quantity pricing.

**How It Works**

Hanger Bolt
Cover Disk
Cable Tensioner
Stainless Steel Cable
Attach Y01CR or Y02CR to Cable (not included in Kit)
Cable Tensioner
Comfort Tensioner
Threaded Stud
Elbow Holder

Wall Mounted Cable Installation

**CAT. NO. Y01CR** CRL Single-Sided Shelf Connector

**CAT. NO. Y02CR** CRL Double-Sided Shelf Connector

**NOTE:** Single or Double-Sided Connectors must be ordered separately.

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# CRL ROD DISPLAY SYSTEM

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## CRL Wall Mounted Rod System Shelf Display

**USE MONOLITHIC TEMPERED GLASS**

- For 1/4" to 5/16" (6 to 8 mm) Tempered Glass
- Adjustable Levels and Positions for Shelves
- Ideal for Office, Retail or Home
- Beautifully Finished Chrome Components

This easy-to-install CRL Wall Mounted Rod System Shelf Display will accommodate three shelves that can be mounted over an office desk or work station, utilized at home in the den, bedroom or kitchen, or as a perfect merchandiser for a retail store display.

Using customer supplied 1/4" to 5/16" (6 to 8 mm) tempered glass shelves, these versatile, easy-to-install Glass Supports are completely adjustable to any vertical position on the 39" (1.0 m) Rods, and can be rotated 90 degrees so that longer shelves can extend beyond the Upper and Lower Bracket Supports (reference adjacent photo). The distance between the 14-1/4" (362 mm) long Bracket Supports should be spaced to allow for installation into wall studs, which will provide maximum support and stability. The Rod System Shelf Display has a maximum weight capacity of 120 pounds (54 kg). Minimum order quantity is one each.

**CAT. NO. 4800CH**

## CRL One-Way Glass Support for Installing Extra Shelves

CRL's One-Way Glass Support can be used when additional shelves need to be added to the Cat. No. 4800CH Wall Mounted Rod System Shelf Display. Minimum order quantity is one each.

11/16" (17.5 mm)  3/8" (9.5 mm)  7/8" (22.2 mm)  3/4" (19 mm)

1-5/8" (41.3 mm)

**CAT. NO. RD4305CH**

## How It Works

**ONLINE** *INSTALLATION RESOURCES*

Upper Bracket Support (Qty 2)

Rod Nut (Qty 4)

Upper Bracket (Qty 2)

Steel Rod (Qty 4)

39" (1.0 m)

One-Way Support (Qty 12)

Lower Bracket (Qty 2)

14-1/4" (362 mm)
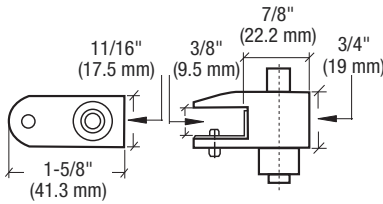
## CRL Two-Way Glass Support for Side-by-Side Shelf Installations

CRL's Wall Mounted Rod System Shelf Display is so versatile that two systems, can be installed side-by-side. CRL's Two-Way Glass Supports are required on the four middle rods to allow for connecting adjoining shelves. Minimum order quantity is one each.
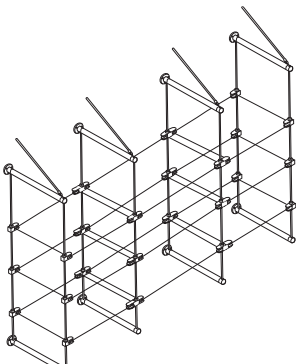
**NOTE:** 12 each RD4304CH Two-Way Glass Supports are required for this installation.

**CAT. NO. RD4304CH**

7/8" (22.2 mm)

3/4" (19 mm)  3/8" (9.5 mm)

11/16" (17.5 mm)

2-1/4" (57.2 mm)

Each Cat. No. 4800CH Wall Mounted Shelf System consists of: Two Upper Bracket Supports, Two Upper Brackets, Four Steel Rods, Twelve One-Way Supports, Four Rod Nuts, Two Lower Brackets, One Pack Containing Screws and Anchors.

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## CRL Rod Display System for 3/8" (10 mm) Glass

**USE MONOLITHIC TEMPERED GLASS**

- Versatile Floor-to-Ceiling Display System
- Satin Chrome Components
- Works With 1/4" to 3/8" (6 to 10 mm) Materials

The Rod Display is an ideal system for use in retail, commercial or residential applications. This easily installed system is stable when installed to ceiling and floor, and can be used as a shelving unit or for vertical panels. Rod Displays are also used to suspend shelving in display cases or cabinets.

CRL's Rod Display System is designed using satin chrome 6 mm Stainless Steel Rods and machined Brass Fittings. The Rods are available in three different lengths. Each Rod section has threaded internal and external ends which enable the Rods to screw together to achieve the designed length.

Weight Capacity: The maximum recommended load for each length of Rod, either individual or screwed together, is 150 pounds (68 kg). Each Rod Support or Connector will hold 25 pounds (11.3 kg).

## How-It-Works

**USE MONOLITHIC TEMPERED GLASS**

1. Mark installation locations for both Top and Bottom Anchors.
2. Plumb and install threaded brass bushing for Top Anchor and Threaded Cap for Bottom Anchor (see item #2A below).
3. Screw top anchor onto threaded bushing. **Important**: All threads for Rod System components are reverse thread. Install first Rod section by carefully screwing it into top anchor.
4. Install enough Rods to allow for some waste at the bottom. Measure and cut the last Rod at the top of the attached bottom anchor, as shown.
5. Slide the top half of the Anchor onto the Rod, followed by the Spring, Washer, and Collar. Tighten the set screw in the Collar and screw the Bottom Anchor Assembly together. The position of the Collar may need to be adjusted for proper tensioning of the Rod. Hand tools are not required.

2A. Plumb and install Bottom Anchor.

## CRL 6 mm Rods

- Available in Three Lengths
- Satin Chrome Finish

Thread Size: 4 mm

CRL 6 mm Rods are designed to be used individually or together. Each Rod has threaded external and internal ends that screw together to achieve the desired length. The Rods can be cut to the exact height required, and are attached to the ceiling and floor or top and bottom of the showcase using CRL's Rod Anchor Set.

| CAT. NO. | LENGTH |
|---|---|
| 062050* | 19-1/2" (.5 m) |
| 062100 | 39" (1 m) |
| 062150 | 59" (1.5 m) |

Minimum order: 1 each. *062050 has an external thread at one end and a finished end at the other.

## CRL Butterfly Wrench

- For Convenient Height Adjustments on Vertical Supports

Use the convenient Butterfly Wrench for making height adjustments on the Rod for Cat. No. 061912S Vertical Supports. The two protrusions in the wrench fit perfectly into the back of both Rod System Fittings, and makes tightening and loosening an easy process. Minimum order is one each.

**CAT. NO. 061W**

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## CRL Single Connector

- Allows Shelves to Be Easily Repositioned
- Can Be Used Horizontally or Vertically

This satin chrome Single Connector is used in single shelf applications. The Connector can be rotated to any angle desired and locked into place with a set screw. The Connector is secured to the Rod using Cat. No. 061W Butterfly Wrench, and has a maximum weight capacity of 25 pounds (11.3 kg). Minimum order is one each.

**CAT. NO. 061917**
Finish: Satin Chrome

1-1/4" (31.7 mm)
11/16" (17.4 mm)
3/8" (9.5 mm)
3/8" (9.5 mm)
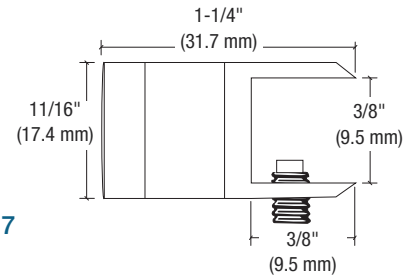
## CRL Double Connector

- Shelves Can Be Easily Repositioned and Rotated for Horizontal or Vertical Applications

The Double Connector is designed to be used in side-by-side designs. Each side can be independently rotated to the desired angle and locked into place with a set screw. The Double Connector has a maximum weight capacity of 25 pounds (11.3 kg). Minimum order is one each.

**CAT. NO. 061927**
Finish: Satin Chrome

2" (50.8 mm)
11/16" (17.4 mm)
3/8" (9.5 mm)
3/8" (9.5 mm)
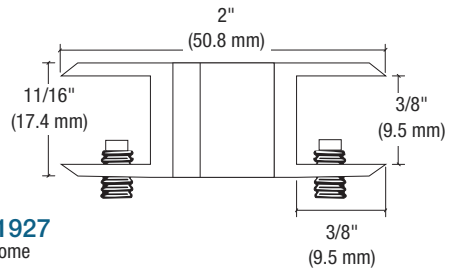
## CRL Vertical Support

- Designed to Hold Vertical Panels

The Vertical Support is the ideal connector for displaying 1/4" to 3/8" (6 to 10 mm) vertical panels. The Support is located to the desired height on the Rod and secured in place using the Cat. No. 061W Butterfly Wrench. The maximum weight capacity is 25 pounds (11.3 kg). CRL's Cat. No. 071963 Cover Cap is available to provide a finished appearance (see below). Minimum order is one each.

**CAT. NO. 061912S**
Finish: Satin Chrome

3/8" (9.5 mm)
11/16" (17.4 mm)
1/2" (12.7 mm)
1-15/16" (49.2 mm)
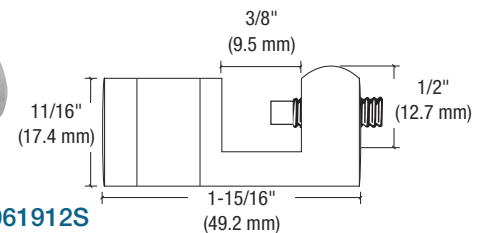
## CRL Drill-Thru Support

- Supports Drilled Shelves

CRL's satin chrome Drill-Thru Support is designed to hold shelves in a horizontal fixed position and is used in single shelf applications. The Drill-Thru Support requires a 3/8" (10 mm) drilled hole in the glass, is easily adjusted to the desired height on the Rod, and then locked into place by tightening the set screw in the Support. The maximum recommended weight capacity is 25 pounds (11.3 kg). Minimum order is one each.

**CAT. NO. 061000**
Finish: Satin Chrome

5/16" (7.9 mm)
3/8" (9.5 mm)
5/8" (15.9 mm)
5/8" (15.9 mm)
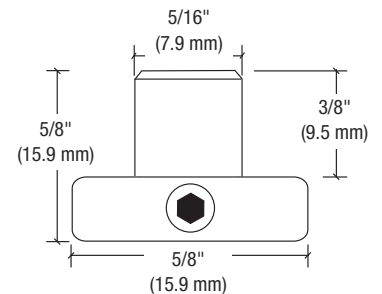
## CRL Rod Anchor Set

- Used With CRL 6 mm Rods

CRL's Rod Anchor Set consists of top and bottom fittings that attach to the Rod ends. The satin chrome Anchor Sets do not come with screws or fasteners to attach the Anchors to either the ceiling or floor. The top and bottom fittings have 3/16" (5 mm) diameter holes to accommodate your choice of screws or fasteners. Minimum order is one each.

Top Anchor
Bottom Anchor

**CAT. NO. 061210**
Finish: Satin Chrome

3/4" (19 mm)
3/4" (19 mm)
1-3/8" (34.9 mm)
11/16" (17.4 mm)
11/16" (17.4 mm)
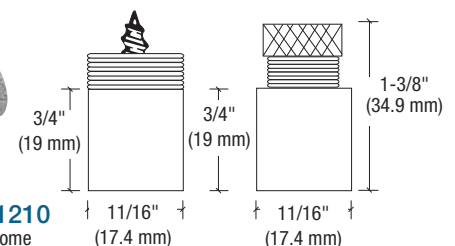
## CRL Cover Cap for Vertical Support

The Cover Cap is designed to be used with the Vertical Support Connector when it is important to provide a finished appearance. Minimum order is one each.

**CAT. NO. 071963**
Finish: Satin Chrome

## CRL Rod System Set Screws for 1/4" Panels

Each of the Rod System Connectors come with screws to attach 3/8" (10 mm) panels. If 1/4" (6 mm) panels are intended for use with this system, these Set Screws are long enough to properly clamp the panel in the Connector. Minimum order is one each.

3/8" (9.5 mm)
1/16" (1.6 mm)

**CAT. NO. 072317**

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

**69SC**

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CRL U.S. ALUMINUM
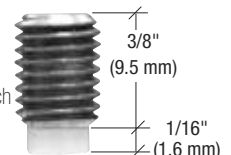
# CRL ROD DISPLAY SYSTEM

## CRL Rod Display System for 1/4" (6 mm) Glass

**USE MONOLITHIC TEMPERED GLASS**

- Open Space Concept Display with Beautiful Chrome Finish Components
- Designed for Installation on Credenzas or Display Bases
- Adjustable Levels and Positions for Shelves
- For 1/4" to 5/16" (6 to 8 mm) Thick Materials

Our new Rod Display System makes the most of available cabinet top space because of its built-in design flexibility. This open-space concept display system consists of just five components, so assembly and changes are quick and simple. You can add or remove shelves, change shelf sizes, change the space between shelves, even change the shelf materials because the adjustable shelf supports will hold glass, acrylic or wood from 1/4" to 5/16" (6 mm to 8 mm) thick. It's the perfect display system for retail businesses wanting to make the most out of limited space.

**NOTE**: Components from this system are not compatible or interchangeable with any other CRL Cable or Rod Display System.

**COMPONENTS NEEDED FOR ROD DISPLAY SHOWN TO THE RIGHT**

| CAT. NO. | DESCRIPTION | QUANTITY NEEDED |
|---|---|---|
| RD4301CH | Finishing Nut | 10 |
| RD4302CH | Stainless Steel Rod | 10 |
| RD4303CH | Rod Base | 10 |
| RD4304CH | Two-Way Glass Support | 10 |
| RD4305CH | One-Way Glass Support | 28 |

Minimum order: 1 each.

Rod Display Components are available individually so you can design and construct the Rod Display that best suits your needs. Each is individually packaged to protect its chrome finish. 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. 5275. You can also e-mail us at **crlaurence.com/support**.

## CRL Stainless Steel Rod

Stainless Steel Rod measures 39-3/8" (1 m), and is threaded to accept RD4303CH Rod Base and RD4301CH Finishing Nut. Minimum order is one each.

**CAT. NO. RD4302CH**

## CRL Rod Base

Zinc alloy Rod Base mounts to a cabinet top with three screws. Threaded to accept RD4302CH Stainless Steel Rods. Minimum order is one each.
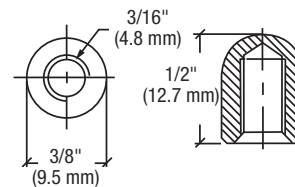
**CAT. NO. RD4303CH**

## CRL Finishing Nut

Chrome Plated Brass Finishing Nut is threaded to fit tops of RD4302CH Stainless Steel Rods. Minimum order is one each.

**CAT. NO. RD4301CH**

## CRL One-Way Glass Support

Zinc alloy One-Way Support for a single shelf from 1/4" to 5/16" thick (6 mm to 8 mm). Shelf is secured by tightening one set screw. Minimum order is one each.

**CAT. NO. RD4305CH**

## Two-Way Glass Support
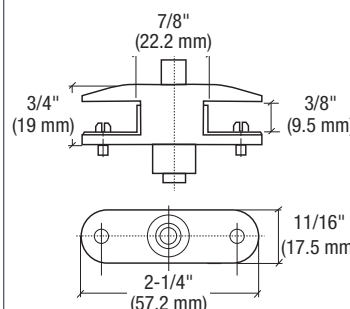
Zinc alloy Two-Way Support for adjoining shelves from 1/4" to 5/16" (6 to 8 mm) thick. Each shelf is secured by tightening one set screw.

**CAT. NO. RD4304CH**

go to crlaurence.com to search for
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**CRL** US ALUMINUM

# CRL SHOWCASES

## CRL Packaged and Custom Showcases

- Standard 4, 5, and 6 Foot Kit Sizes in Stock and Ready to Ship
- Custom Sizes Built to Your Specifications With a Lead Time of One Week
- Satin Anodized or Custom Color Frames
- Available Assembled or KD, With Glass or Without Glass
- Complete and Concise Installation Instructions

CRL's Aluminum Showcase Frames are available in standard configurations or we can fabricate to your exact specifications. Our Custom Aluminum Frame Showcases are not only the ultimate in terms of design and quality, but they can be fabricated and shipped to you in lead times that are superior to anything the industry can provide.

For additional information visit **crlaurence.com/showcases** or contact our Technical Sales at (800) 421-6144 in the U.S., (877) 421-6144 from Canada, or (323) 288-1281 International, and ask for Ext. 5275. You can also e-mail us through our web site at **crlaurence.com/support**.

### What Size and Style Do I Need?
The questions you need to ask are: How much space do I have available? What products are to be displayed? Would sliding doors or hinged doors be best?

### How Long Will it Take to Assemble the Showcase?
Usually from one to two hours.

### Are All the Parts and Pieces Identified?
All similar parts are wrapped together and easily identified in the assembly instructions. All extrusions have color coded dots for quick and easy assembly.

### What Tools Will I Need?
A Phillips screwdriver is all that you will require.

### What About the Glass?
CRL Provides the following options for Tempered Glass:
1. CRL can provide you with Tempered Glass for either Custom or Kit Showcases.
2. CRL can provide you with the exact glass sizes for your Custom Showcase as soon as your order is entered.
3. CRL can install tempered glass in your CRL assembled showcase.

USE MONOLITHIC TEMPERED GLASS

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**71SC**

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## CRL Deluxe Packaged Showcase Kits

*NEW!*

**USE MONOLITHIC TEMPERED GLASS**

- Complete Packaged Ready-To-Glaze Frame Comes With Everything But the Glass
- Satin Anodized Frame; Custom Color Frames Also Available, Including Dark Bronze
- Also Available Custom Pre-Glazed (Except Glass Shelves)

CRL Deluxe Packaged Showcase comes with everything you need except the glass. It is packaged with the top and bottom already pre-assembled and connected together with short, temporary uprights for shipping purposes. The regular uprights, legs, standards, brackets, track, and other accessories are secured inside the case to minimize the chance of damage during shipment.

The assembly of the Showcase is very simple. Secure the legs to the base, wrap the glass with vinyl and insert it between the uprights. The Showcase is then secured with eight screws. Attach the H-Bar to the sliding door glass panels and install them on the track. Secure the standards and brackets, install the shelves and top glass, and your Showcase is complete. Recommended tempered glass thickness is 1/4" (6 mm).

**ONLINE** *INSTALLATION RESOURCES*

**Our Deluxe Packaged Showcase Kits Contain:**

- Extruded aluminum, cut-to-size top and bottom frames pre-assembled with all corners, parts, and screws
- Sliding door track hardware with ball bearing rollers and plastic-lined upper track
- Glazing vinyl for front and side glass panels
- Cushioning tape for top glass
- 6" (152 mm) level adjusting legs
- 3/4" (19 mm) flake wood floor panel with white vinyl laminated top
- Steel standards with 10" and 12" (254 and 305 mm) shelf brackets
- Top and bottom shelf sockets attached

**NOTE:** Installed locks and lights are optional.

Securely Packaged

With Everything Inside

| CAT. NO. | FINISH | WIDTH | HEIGHT W/LEGS | DEPTH | SHIPPING WEIGHT | SHIPS VIA |
|----------|--------|-------|---------------|-------|-----------------|-----------|
| C6304A | Satin Anodized | 48" (1219 mm) | 38" (965 mm) | 21" (533 mm) | 47 lbs. (21.3 kg) | U.P.S. |
| C6305A | Satin Anodized | 60" (1524 mm) | 38" (965 mm) | 21" (533 mm) | 54 lbs. (24.5 kg) | Common Carrier |
| C6306A | Satin Anodized | 72" (1829 mm) | 38" (965 mm) | 21" (533 mm) | 68 lbs. (30.8 kg) | Common Carrier |

Minimum order: 1 each. F.O.B. CRL service centers.

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**72SC**

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## CRL Custom C4030 Series Showcases *NEW!*

- Custom Fabricated to Your Specifications
- Satin Anodized or Custom Color Frames
- Lead Time is One Week From Date of Order
- Available Assembled or KD, With Glass or Without Glass
- Installation Instructions Provided
- Custom Laminate Showcase Bases Quoted on Request

**USE MONOLITHIC TEMPERED GLASS**

**ONLINE** *INSTALLATION RESOURCES*

Custom C4030 Shown
With Laminate Base
(Sold Separately)

The CRL C4030 Custom Size Showcase Frame is our most popular, easy to assemble showcase frame. It comes to you knocked-down with all extrusions cut to size.  All parts, vinyl, accessories, and assembly instructions are packed in the box.  All you need to supply is the glass, legs, standards, and brackets. All frames are supplied with sliding track hardware.

Optional legs, standards, brackets, and locks must be ordered separately. All Custom Showcase Frames are fabricated and shipped from our Los Angeles facility. Be sure of requirements before ordering, as Custom Frames may not be returned for credit.

RAL Color
Chips
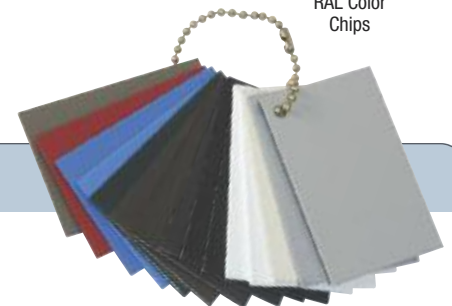
## Instructions on How to Order:

**Ordering Information:**  All Custom Showcase Frames are fabricated and shipped from our Los Angeles facility. Be sure of requirements before ordering, as Custom Frames may not be returned for credit.

**1.    Specify Finish of Frame**
Satin Anodized or Custom Powder Paint
(Provide RAL Number)

**2.    Specify Length of Frame**
Overall length of Showcase Frame in inches.

**3.    Specify Height of Frame**
Top to bottom height of Showcase Frame in inches only, not including pedestal or legs.

**4.    Specify Depth of Frame**
Front to back depth of Showcase Frame in inches.

**5.    Sliding Doors**
All 4030 Series Showcase Frames come with ball bearing sliding door hardware for the rear of the frame.  Standard Model Frames are also available with sliding doors on both sides.

**6.    Standards and Brackets**
Must be ordered separately.

**7.    Locks**
Must be ordered separately.

**8.    Showcase Legs**
Legs are 6" (152 mm) long, with leveling bases. Must be ordered separately.

**9.    Tempered Glass**
Indicate if CRL is to provide tempered glass. Standard equipment includes all extrusions, corners, glazing channel, glazing vinyl, and sliding glass door hardware.

go to crlaurence.com to search for

**showcases**            Search

or enter the Catalog Number for complete product information

**73SC**

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## CRL Tempered Glass Display Systems

**USE MONOLITHIC TEMPERED GLASS**

### CRL Tempered Glass 12-Cube Display

### CRL Tempered Glass Rotating Display

### CRL Tempered Glass Double-Sided Display
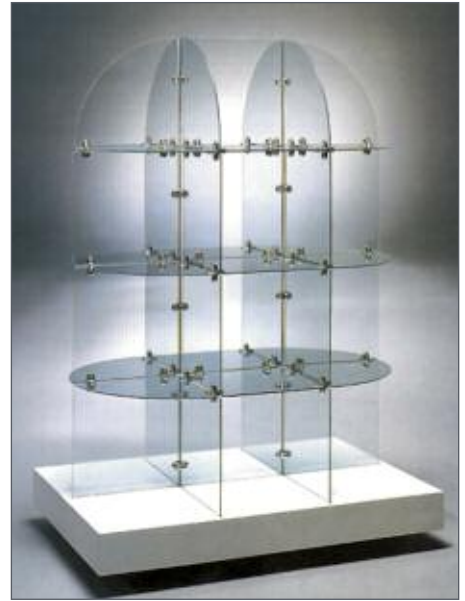
| CAT. NO. | BASE COLOR |
|---|---|
| BB1103W | White |
| BB1103BL | Black |

Minimum order: 1 each. Must ship common carrier.
Dimensions: 40" (1016 mm) wide x 14" (355 mm) deep x 50" (1270 mm) high.

| CAT. NO. | BASE COLOR |
|---|---|
| BB1101W | White |
| BB1101BL | Black |

Minimum order: 1 each. Must ship common carrier.
Dimensions: 30" (762 mm) diameter x 62" (1575 mm) high.

| CAT. NO. | BASE COLOR |
|---|---|
| BB1104W | White |
| BB1104BL | Black |

Minimum order: 1 each. Must ship common carrier.
Dimensions: 39" (990 mm) wide x 27" (686 mm) deep x 55" (1397 mm) high.

- Easy to Assemble or Reconfigure Displays for Use in Retail Stores, Homes or Offices
- Design Your Own Fixture or Select From Many Standard Configurations

CRL Tempered Glass Displays are available in several options. Select from our Packaged Displays, which come complete with tempered glass, connectors plus a base. Select from three different styles of tempered glass cube units shown above, or design your own display using the many choices of tempered glass shapes and sizes available from CRL. Just add CRL's Diecast Metal Z-Line Connectors or our Clear Plastic Display Connectors and you're ready to get started.

Tempered glass has long been preferred for retail displays due to it strength and practicality. Simply assemble your glass display in the configuration of your choice and you will have an attractive and functional display or storage unit that will give you many years of useful service.

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. 5275. You can also e-mail us at **crlaurence.com/support**.

CRL Z-Line Metal Display Connectors and Plastic Display Connectors for Use With Tempered Glass

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**displays** | Search
or enter the Catalog Number for complete product information

**74SC**

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## CRL Tempered Glass for Displays

- 3/16" (5 mm) Brite Pencil Edged Panels Available in Convenient Cases of 10 Panels

Squares and Rectangles

Quarter Rounds

**USE MONOLITHIC TEMPERED GLASS**
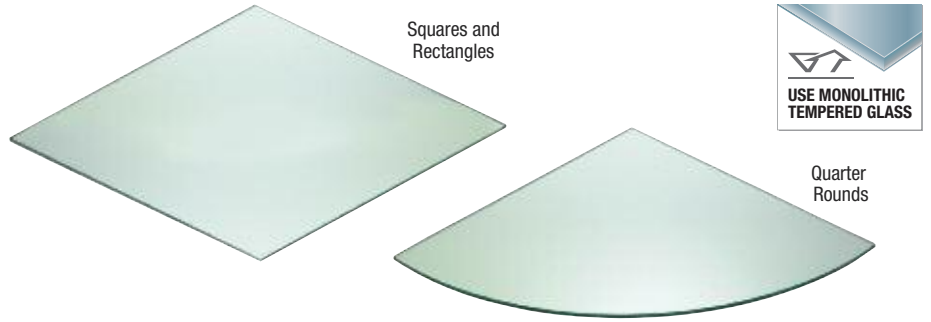
CRL makes designing and building glass cube displays very simple by providing the most popular sizes and shapes of 3/16" (5 mm) Tempered Glass. Squares, rectangles, and quarter-rounds are available to complete just about any glass cube configuration. Choose your Glass Cube Display from any of the suggested styles on these pages, or design your own to fit available space or function. CRL Tempered Glass is available only in easy-to-handle cases of 10 each. Standard size tempered 3/16" (5 mm) shelving is also available on special quote as are custom sizes of tempered glass for custom fixtures.

If you require 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. 5275. You can e-mail us at **crlaurence.com/support**.
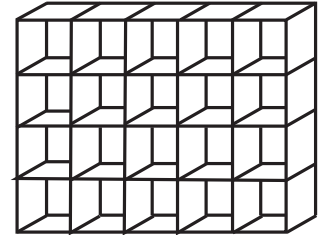
| CAT. NO. | PANEL SHAPE | PANEL SIZE | PANELS/CASE |
|---|---|---|---|
| TGR1016 | Rectangle | 10" x 16" (254 x 406 mm) | 10 |
| TGR1216 | Rectangle | 12" x 16" (305 x 406 mm) | 10 |
| TGR1212 | Square | 12" x 12" (305 x 305 mm) | 10 |
| TGR1414 | Square | 14" x 14" (355 x 355 mm) | 10 |
| TGR1616 | Square | 16" x 16" (406 x 406 mm) | 10 |
| TGQ12 | Quarter Round | 12" (304 mm) Radius | 10 |
| TGQ16 | Quarter Round | 16" (406 mm) Radius | 10 |

Minimum order: 1 case. Sizes can be combined for quantity pricing.
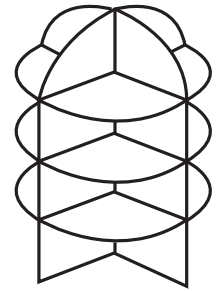
## CRL Tempered Glass Display Assembled With Metal Z-Line or Clear Plastic Connectors

2-Way Connectors

Hinge Connectors

3-Way Connectors

4-Way Connectors

Lock
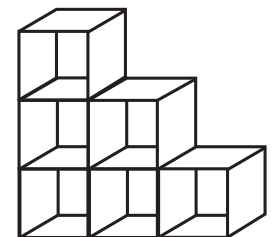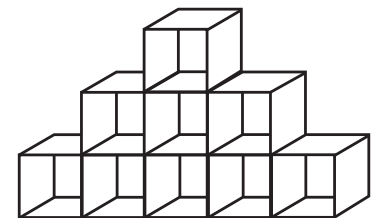
For the complete line of CRL Display Connectors see pages 76SC-83SC.

go to crlaurence.com to search for

**displays**    Search

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**75SC**

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## CRL Clear Plastic Display Connectors

- Use With 3/16" (5 mm) Tempered Glass to Create an Unlimited Variety of Functional and Decorative Displays
- Durable and Reusable
- Can Be Assembled and Disassembled as Required

**USE MONOLITHIC TEMPERED GLASS**

Create beautiful and functional glass display units with CRL Plastic Display Connectors. These 1-1/4" (32 mm) wide clear plastic connectors secure 3/16" (5 mm) tempered glass or mirror in an unlimited variety of configurations, giving you design freedom to arrange and rearrange as you desire.

Clear Plastic Display Connectors are easy to use. They go on simply with a tap of a soft-face mallet over 3/16" (5 mm) glass. Lay out the cut glass panels, start from the base and work up. The full assembly can be up in minutes.
**NOTE**: For 3/16" (5 mm) tempered glass, see page 75SC.

**Easy to Assemble With a Soft-Face Mallet**

### CRL Two-Way 90 Degree Clear Plastic Display Connectors
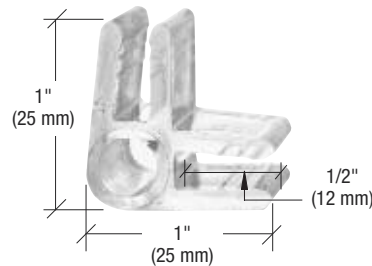
Two-Way 90 Degree Connectors are used for connecting vertical and horizontal corners of displays.

| CAT. NO. | DESCRIPTION |
|---|---|
| CPDC2 | Two-Way |

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

### CRL Three-Way 90 Degree Clear Plastic Display Connectors
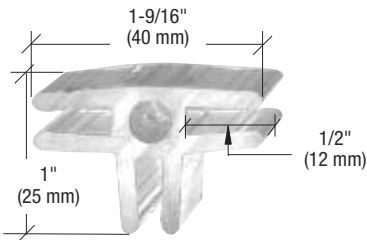
Three-Way 90 Degree Connectors are used for connecting three lites at 90 degree angles.

| CAT. NO. | DESCRIPTION |
|---|---|
| CPDC3 | Three-Way |

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

### CRL Four-Way 90 Degree Clear Plastic Display Connectors
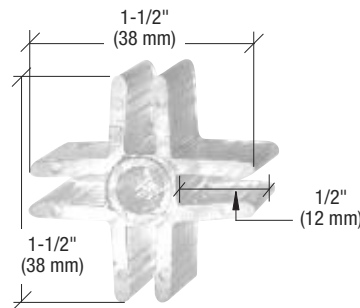
Four-Way 90 Degree Connectors are used for connecting four lites at 90 degree angles on display cubes.

| CAT. NO. | DESCRIPTION |
|---|---|
| CPDC4 | Four-Way |

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

### CRL 90 Degree Clear Plastic Corner Connector
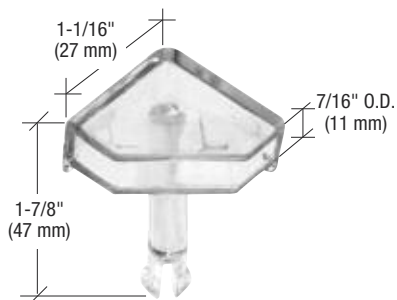
90 Degree Corner Connectors allow you to build enclosed glass cubes with clean lines. The extension pin fits into the other connector's openings. It's a terrific way to create a decorative display case.

| CAT. NO. | DESCRIPTION |
|---|---|
| CPDC1 | Corner Connector |

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

### CRL Clear Plastic Bumpers for 3/16" (5 mm) Display Glass
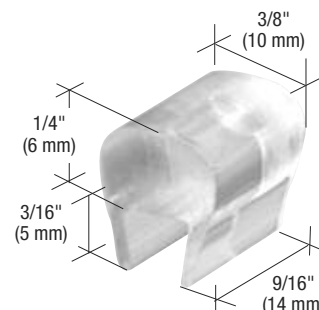
Clear Plastic Bumpers press fit on the edges of 3/16" (5 mm) thick tempered glass and provide a cushion for the display tops.

| CAT. NO. | DESCRIPTION |
|---|---|
| CPDB | Bumper |

Minimum order: 20 each.

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**76SC**

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## CRL Z-Line Display Connectors

- Diecast Metal for Strength
- Available in Chrome and Brass
- For 1/8" to 3/16" (3 to 5 mm) Tempered Glass

**USE MONOLITHIC TEMPERED GLASS**

CRL Z-Line Display Master Connectors are the most popular method of connecting 3/16" (5 mm) tempered glass for modular display systems. Select any combination of our 7/8" (22 mm) wide diecast zinc alloy Connectors with tempered glass or plastic to create beautiful merchandisers. Use the total combination of Hinges, Hasps, 120 Degree, and Adjustable Connectors. Design possibilities are unlimited since cubes or hexagonals can be combined to create a variety of attractive displays. Chrome or brass finishes are available to match your décor. Plastic securing screws make assembly quick and easy with just a slotted screwdriver.

Adjustable Connectors are used in situations where shelving is required to be periodically moved up or down. A long open slot allows this Connector to easily slide the vertical lite up and down.

**NOTE**: For 3/16" (5 mm) Tempered Glass see page 75SC.

For replacement Securing Screws order Cat. No. CHSCREW to go with chrome finish connectors, or Cat. No. BRSCREW to go with brass finish connectors.
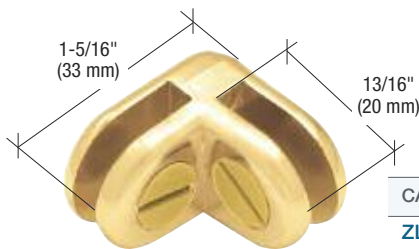
**ONLINE** **INSTALLATION RESOURCES**

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### CRL Two-Way 90 Degree Display Connectors

1-5/16" (33 mm)

13/16" (20 mm)

Two-Way 90 Degree Connectors are used for connecting vertical and horizontal corners of display cubes.

| CAT. NO. | FINISH |
|----------|--------|
| ZLC2BR | Brass |
| ZLC2CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

---

### CRL "T" Style Three-Way 90 Degree Display Connectors
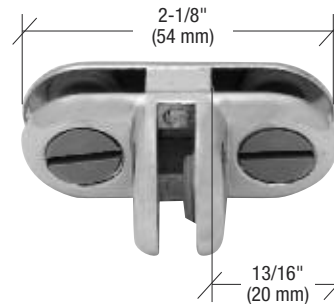
2-1/8" (54 mm)

13/16" (20 mm)

Three-Way 90 Degree Connectors are used for connecting three panels at 90 degree angles.

| CAT. NO. | FINISH |
|----------|--------|
| ZLC3BR | Brass |
| ZLC3CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

---

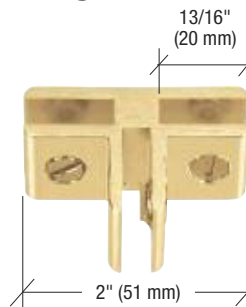### CRL Four-Way 90 Degree Display Connectors
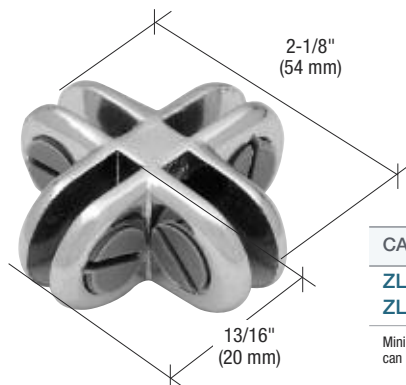
2-1/8" (54 mm)

13/16" (20 mm)

Four-Way 90 Degree Connectors are used for connecting multiple panels in larger display cubes.

| CAT. NO. | FINISH |
|----------|--------|
| ZLC4BR | Brass |
| ZLC4CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

---

### CRL Hinge Display Connectors

1-3/16" (30 mm)

7/8" (22 mm)

1-9/16" (39 mm)
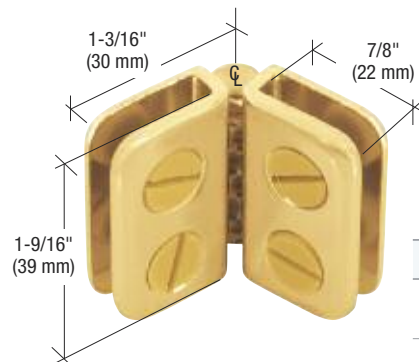
Hinge Connectors are used for putting hinged doors on display cubes.

| CAT. NO. | FINISH |
|----------|--------|
| ZLC5BR | Brass |
| ZLC5CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

---

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**77SC**

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## CRL Z-Line Display Connectors

**ONLINE** **INSTALLATION RESOURCES**

### CRL 180 Degree Inline Display Connectors

1-15/16" (49 mm)

13/16" (20 mm)
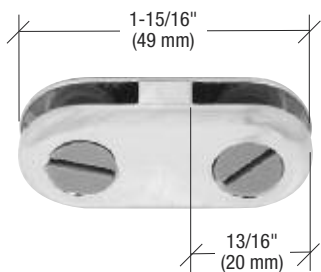
This Connector is used to connect two inline panels. Holds 1/8" to 3/16" (3 to 5 mm) tempered glass.

| CAT. NO. | FINISH |
|---|---|
| ZLC11BR | Brass |
| ZLC11CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

### CRL Z-Line Mini Hinge

13/16" (20 mm)

7/8" (22 mm)

1-3/16" (30 mm)
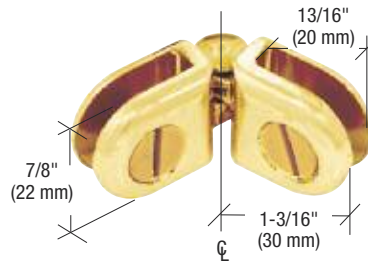
Our Z-Line Mini-Hinge is perfect for smaller display doors. Single plastic securing screws make assembly quick and easy.

| CAT. NO. | FINISH |
|---|---|
| ZLC12BR | Brass |
| ZLC12CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

### CRL Two-Way 120 Degree Display Connectors
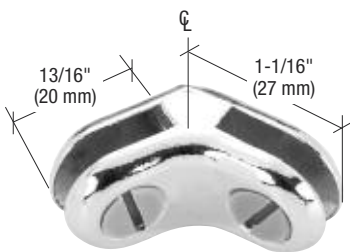
13/16" (20 mm)

1-1/16" (27 mm)

Two Way 120 Degree Connectors are used for connecting vertical and horizontal corners of hexagonals.

| CAT. NO. | FINISH |
|---|---|
| ZLC7CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.
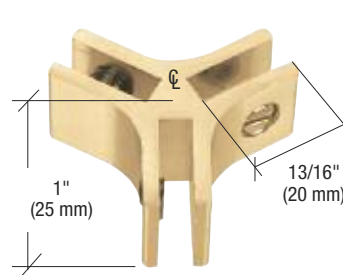
### CRL "Y" Style Three-Way 120 Degree Display Connectors

13/16" (20 mm)

1-1/8" (28 mm)
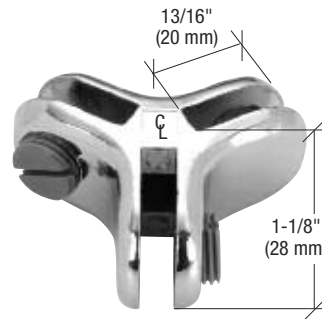
Three Way 120 Degree Connectors are used for connecting three lites at 120 degree angles.

| CAT. NO. | FINISH |
|---|---|
| ZLC8CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

### CRL Three-Way 90 Degree Adjustable Shelf Connectors
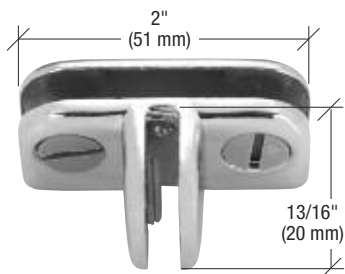
2" (51 mm)

13/16" (20 mm)

Used for adjustable shelves. Long open slot allows this Connector to slide the vertical panel up and down.

| CAT. NO. | FINISH |
|---|---|
| ZLC9BR | Brass |
| ZLC9CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

### CRL Four-Way 90 Degree Adjustable Shelf Connectors
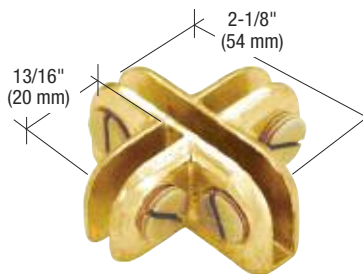
2-1/8" (54 mm)

13/16" (20 mm)

Used for adjustable shelves. Long open slot allows this Connector to slide the vertical panel up and down.

| CAT. NO. | FINISH |
|---|---|
| ZLC10BR | Brass |
| ZLC10CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

### CRL Z-Line Hasp Connectors

7/8" (22 mm)

13/16" (20 mm)
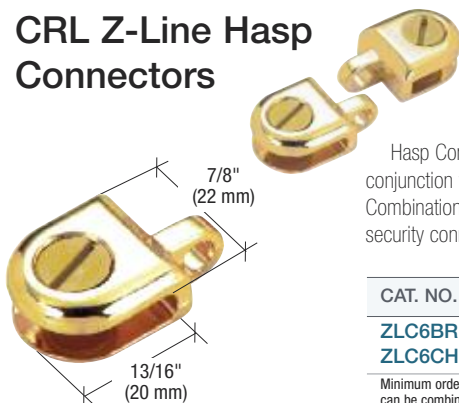
Hasp Connectors, when used in conjunction with Cat. No. K3470BN Combination Lock, are the perfect security connectors for display cubes.

| CAT. NO. | FINISH |
|---|---|
| ZLC6BR | Brass |
| ZLC6CH | Chrome |

Minimum order: 1 each. All Z-Line Connectors can be combined for quantity pricing.

### CRL Brite Nickel Plated Combination Lock

2-17/64" (57 mm)

7/8" (22 mm)
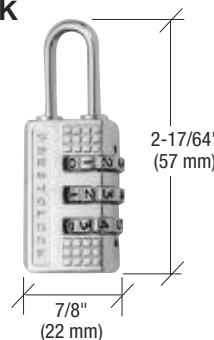
This Combination Lock is ideal for securing retail glass display cases, especially when used with our Z-Line Hasp Connectors. Set your own 3-digit combination.

| CAT. NO. | FINISH |
|---|---|
| K3470BN | Brite Nickel |

Minimum order: 1 each.

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## CRL Anodized Aluminum Glass Connectors

**USE MONOLITHIC TEMPERED GLASS**

- 7/8" (22 mm) Wide Connectors for 3/16" to 1/4" (5 to 6 mm) Tempered Glass
- Lightweight, Strong, and Durable
- Available in Both Chrome and Gold Finishes

These CRL Anodized Aluminum Glass Connectors are ideally suited for "High Tech" looking modular display systems using 3/16" or 1/4" (5 or 6 mm) glass. Use any combination of our Anodized Aluminum Connectors with tempered glass, plastic, wood, or metal to create beautiful fixture cube merchandisers. The infill panels are secured with nylon tipped screws; no drilling of the glass or other material is required. Design possibilities are unlimited since cubes or hexagonals can be combined to create a variety of attractive displays. Tempered glass is recommended.

**NOTE**: Both finishes have a satin appearance, not a polished finish.

## CRL Aluminum Two-Way 90 Degree Connectors
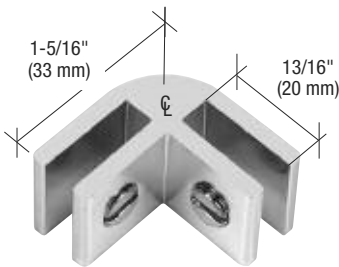
1-5/16" (33 mm)
13/16" (20 mm)

Two-Way 90 Degree Connectors are used for connecting vertical and horizontal corners of display cubes.

| CAT. NO. | ANODIZED FINISH |
|----------|-----------------|
| E214A | Chrome |
| E214GA | Gold |

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

## CRL Aluminum "T" Style Three-Way 90 Degree Connectors

13/16" (20 mm)
2" (51 mm)

Three-Way 90 Degree Connectors are used for connecting three panels at 90 degree angles.

| CAT. NO. | ANODIZED FINISH |
|----------|-----------------|
| E314A | Chrome |
| E314GA | Gold |

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

## CRL Aluminum "X" Style Four-Way 90 Degree Connectors
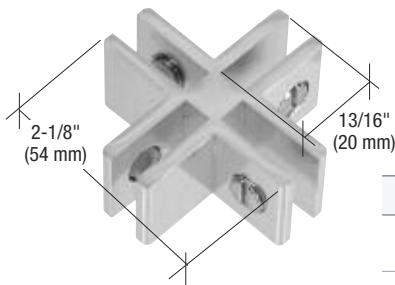
2-1/8" (54 mm)
13/16" (20 mm)

Four-Way 90 Degree Connectors are used for connecting multiple panels in larger display cubes.

| CAT. NO. | ANODIZED FINISH |
|----------|-----------------|
| E414A | Chrome |
| E414GA | Gold |

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

## CRL Aluminum Two-Way 180 Degree Inline Connectors

13/16" (20 mm)
1-7/8" (47 mm)
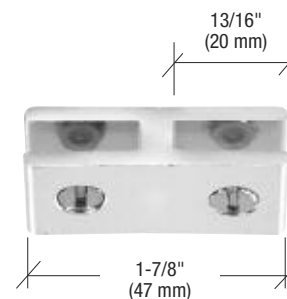
Two-Way 180 Degree Connectors are used to join two inline panels with one another.

| CAT. NO. | ANODIZED FINISH |
|----------|-----------------|
| E180A | Chrome |
| E180GA | Gold |

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

## CRL Aluminum Two-Way 120 Degree Connectors
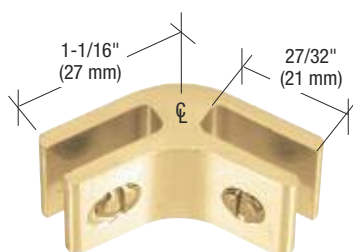
1-1/16" (27 mm)
27/32" (21 mm)

Two-Way 120 Degree Connectors are used for connecting vertical and horizontal corners of hexagonals.

| CAT. NO. | ANODIZED FINISH |
|----------|-----------------|
| E220A | Chrome |
| E220GA | Gold |

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

## CRL Aluminum "Y" Style Three-Way 120 Degree Connectors

1" (25 mm)
13/16" (20 mm)

Three-Way 120 Degree Connectors are used for connecting three panels at 120 degree angles.

| CAT. NO. | ANODIZED FINISH |
|----------|-----------------|
| E120A | Chrome |
| E120GA | Gold |

Minimum order: 1 each. All sizes and finishes can be combined for quantity pricing.

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## CRL Standard Heavy Glass Furniture Connectors

**USE MONOLITHIC TEMPERED GLASS**

- Available for 3/8", 1/2", and 3/4" (10, 12, and 19 mm) Tempered Glass in Anodized Chrome or Gold Finishes
- Select From Four Different Styles
- Ideal for Glass Furniture Manufacturers

These CRL Anodized Standard Heavy Glass Connectors for 3/8", 1/2", and 3/4" (10, 12, and 19 mm) glass are the perfect solution for connecting panels on glass tables, display stands, and lamp pedestals. Choose from either anodized chrome or gold finishes, in several different configurations. 1-7/16" (36 mm) wide Connectors have metal set screws with nylon tips to prevent chipping or scratching of the glass. These Connectors give the furniture designer or display builder unlimited flexibility in terms of product variations and the price point for these connectors is extremely attractive. Tempered glass is recommended.

**NOTE**: Both finishes have a satin appearance, not a polished finish.
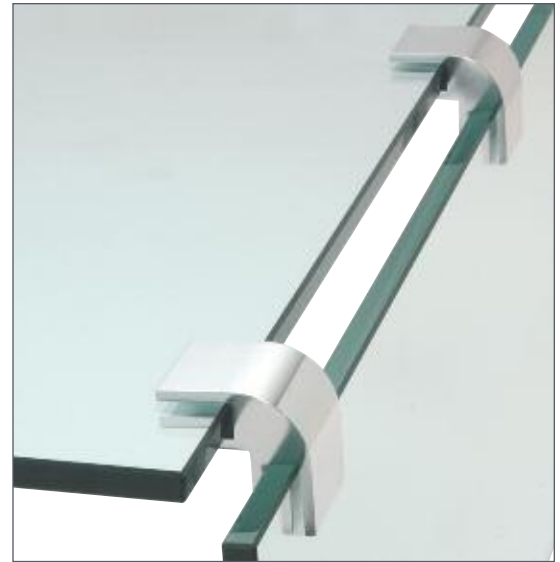
## CRL Standard Two-Way 90 Degree Glass Connectors

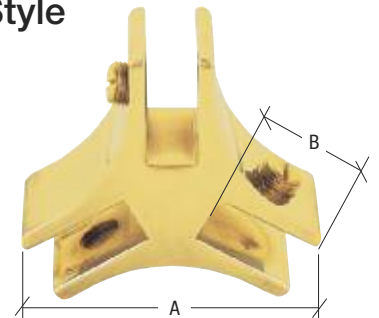Use for connecting two panels together at 90 degree angles. Great for making heavy glass furniture and display cubes.
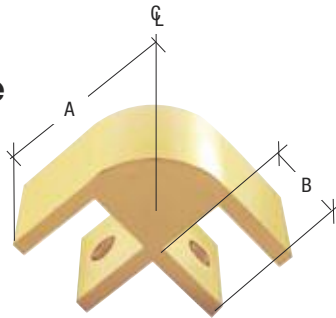
| CAT. NO. | GLASS THICKNESS | A | B | ANODIZED FINISH |
|---|---|---|---|---|
| E238A | 3/8" (10 mm) | 1-11/16" (43 mm) | 27/32" (21 mm) | Chrome |
| E238GA | 3/8" (10 mm) | 1-11/16" (43 mm) | 27/32" (21 mm) | Gold |
| E212A | 1/2" (12 mm) | 1-7/8" (48 mm) | 1" (25 mm) | Chrome |
| E212GA | 1/2" (12 mm) | 1-7/8" (48 mm) | 1" (25 mm) | Gold |
| E234GA | 3/4" (19 mm) | 2-1/4" (57 mm) | 1-1/16" (27 mm) | Gold |

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

## CRL Standard "Y" Style Three-Way 120 Degree Glass Connectors

Use for connecting three panels together. Ideal for making heavy glass table pedestals and displays.
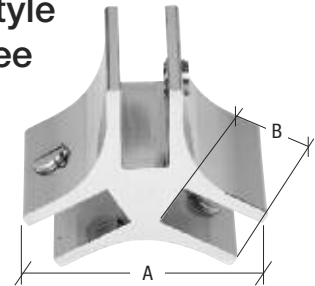
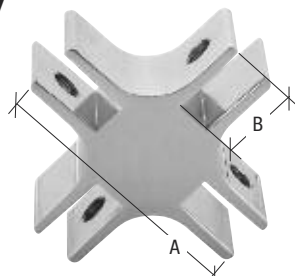| CAT. NO. | GLASS THICKNESS | A | B | ANODIZED FINISH |
|---|---|---|---|---|
| E338A | 3/8" (10 mm) | 2-1/4" (57 mm) | 27/32" (21 mm) | Chrome |
| E338GA | 3/8" (10 mm) | 2-1/4" (57 mm) | 27/32" (21 mm) | Gold |
| E312A | 1/2" (12 mm) | 2-3/4" (70 mm) | 1-1/32" (26 mm) | Chrome |
| E312GA | 1/2" (12 mm) | 2-3/4" (70 mm) | 1-1/32" (26 mm) | Gold |
| E334GA | 3/4" (19 mm) | 3-1/2" (89 mm) | 1-1/8" (29 mm) | Gold |

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

## CRL Standard Four-Way 90 Degree Glass Connectors

Use for connecting four panels together at 90 degree angles. Great for making heavy glass table top bases and display stands.
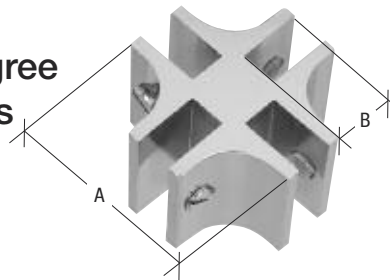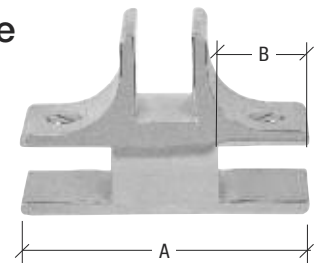
| CAT. NO. | GLASS THICKNESS | A | B | ANODIZED FINISH |
|---|---|---|---|---|
| E438A | 3/8" (10 mm) | 2-5/16" (59 mm) | 25/32" (20 mm) | Chrome |
| E438GA | 3/8" (10 mm) | 2-5/16" (59 mm) | 25/32" (20 mm) | Gold |
| E412A | 1/2" (12 mm) | 2-7/8" (73 mm) | 31/32" (25 mm) | Chrome |
| E412GA | 1/2" (12 mm) | 2-7/8" (73 mm) | 31/32" (25 mm) | Gold |
| E434A | 3/4" (19 mm) | 3-3/8" (86 mm) | 1-1/8" (29 mm) | Chrome |
| E434GA | 3/4" (19 mm) | 3-3/8" (86 mm) | 1-1/8" (29 mm) | Gold |

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

## CRL Standard "T" Style Three-Way 90 Degree Glass Connectors

Use for connecting three panels together at 90 degree angles. Ideal for furniture and high tech displays.
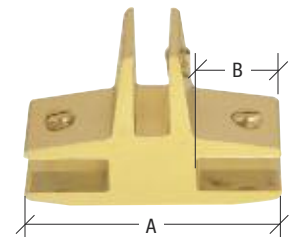
| CAT. NO. | GLASS THICKNESS | A | B | ANODIZED FINISH |
|---|---|---|---|---|
| E738A | 3/8" (10 mm) | 2-5/8" (67 mm) | 29/32" (23 mm) | Chrome |
| E738GA | 3/8" (10 mm) | 2-5/8" (67 mm) | 29/32" (23 mm) | Gold |

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

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## CRL Deluxe Heavy Glass Furniture Connectors

- 1-1/2" (38 mm) Length for Use With 1/2" or 3/4" (12 or 19 mm) Tempered Glass
- Available in Beautifully Finished Chrome or Brass
- Ideal for Manufacturers of Fine Glass Furniture
- Available in Full Length Styles for 1/2" (12 mm) Tempered Glass (See Page 82SC)

These CRL Deluxe Heavy Glass Connectors are available for use with 1/2" or 3/4" (12 or 19 mm) glass. They come in sturdy brass and chrome finishes in different configurations. This line of CRL Deluxe Glass Connectors includes Full Length Connectors, which are designed to give a totally closed end appearance to coffee, sofa, or end tables. The metal screws have nylon tips to prevent chipping or scratching of the glass. Our Connectors give the furniture designer or display builder unlimited flexibility in terms of product variations for a truly elegant appearance. Tempered glass is recommended.

**USE MONOLITHIC TEMPERED GLASS**

## CRL Deluxe Two-Way 90 Degree Glass Connectors

Use for connecting two panels together at a 90 degree angle. Great for making heavy glass furniture and display cubes.
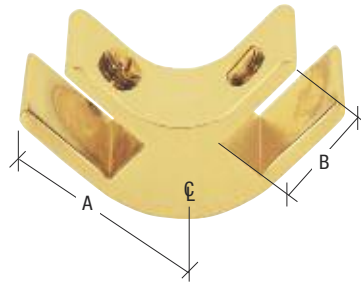
| CHROME CAT. NO. | BRASS CAT. NO. | GLASS THICKNESS | A | B |
|---|---|---|---|---|
| GFC2901CH | GFC2901BR | 1/2" (12 mm) | 2-5/8" (67 mm) | 1-1/4" (32 mm) |
| GFC6901CH | GFC6901BR | 3/4" (19 mm) | 2-5/8" (67 mm) | 1-1/4" (32 mm) |

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

## CRL Deluxe "Y" Style Three-Way 120 Degree Glass Connectors

Use for connecting three panels together at 120 degree angles. Ideal for making heavy glass table pedestals and displays.

| CHROME CAT. NO. | BRASS CAT. NO. | GLASS THICKNESS | A | B |
|---|---|---|---|---|
| GFC3120CH | GFC3120BR | 1/2" (12 mm) | 3-3/8" (86 mm) | 1-1/4" (32 mm) |
| GFC7120CH | GFC7120BR | 3/4" (19 mm) | 3-1/2" (89 mm) | 1-1/4" (32 mm) |

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

## CRL Deluxe Four-Way 90 Degree Glass Connectors

Use for connecting four panels together at 90 degree angles. Great for making heavy glass table top bases and display stands.

| CHROME CAT. NO. | BRASS CAT. NO. | GLASS THICKNESS | A | B |
|---|---|---|---|---|
| GFC4901CH | GFC4901BR | 1/2" (12 mm) | 4-1/4" (108 mm) | 1-1/4" (32 mm) |
| GFC8901CH | GFC8901BR | 3/4" (19 mm) | 3-15/16" (100 mm) | 1-1/4" (32 mm) |

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

## CRL Deluxe "T" Style Three-Way 90 Degree Glass Connectors

Use for connecting three panels together at 90 degree angles. Great for making heavy glass table top bases and display stands.

| CHROME CAT. NO. | BRASS CAT. NO. | GLASS THICKNESS | A | B |
|---|---|---|---|---|
| GFC3901CH | GFC3901BR | 1/2" (12 mm) | 4-1/4" (108 mm) | 1-1/4" (32 mm) |
| GFC7901CH | GFC7901BR | 3/4" (19 mm) | 4" (102 mm) | 1-1/4" (32 mm) |

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

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## CRL Deluxe Full Length 90 Degree Heavy Glass Connectors

- Four Different Lengths for Use With 1/2" (12 mm) Tempered Glass

Designed for 1/2" (12 mm) tempered glass to give a closed end appearance to coffee, sofa, and end tables. Available in beautifully finished chrome. Ideal for manufacturers of fine glass furniture. For replacement set screws order Cat. No. GFC1CH (Two per pack).

**USE MONOLITHIC TEMPERED GLASS**
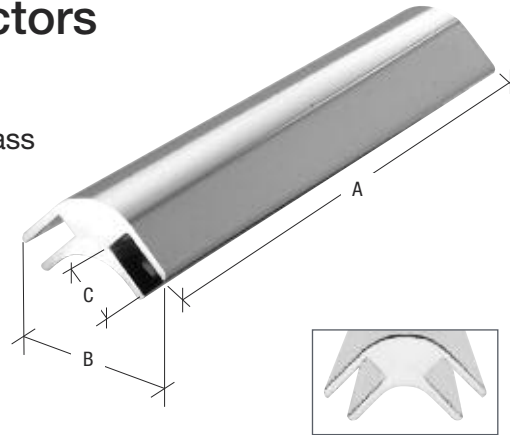
| CHROME CAT. NO. | GLASS THICKNESS | A | B | C |
|---|---|---|---|---|
| GFC2902CH | 1/2" (12 mm) | 14-3/4" (375 mm) | 3-9/16" (90 mm) | 1-1/4" (32 mm) |
| GFC2903CH | 1/2" (12 mm) | 17-3/4" (451 mm) | 3-9/16" (90 mm) | 1-1/4" (32 mm) |
| GFC2904CH | 1/2" (12 mm) | 23-3/4" (603 mm) | 3-9/16" (90 mm) | 1-1/4" (32 mm) |
| GFC2905CH | 1/2" (12 mm) | 27-3/4" (705 mm) | 3-9/16" (90 mm) | 1-1/4" (32 mm) |

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

## CRL Acrylic Heavy Glass Connectors

- Sizes to Accommodate 3/8" and 1/2" (10 and 12 mm) Tempered Glass
- Highly Polished, Beveled Edge Design Complements Glass Furniture Designs
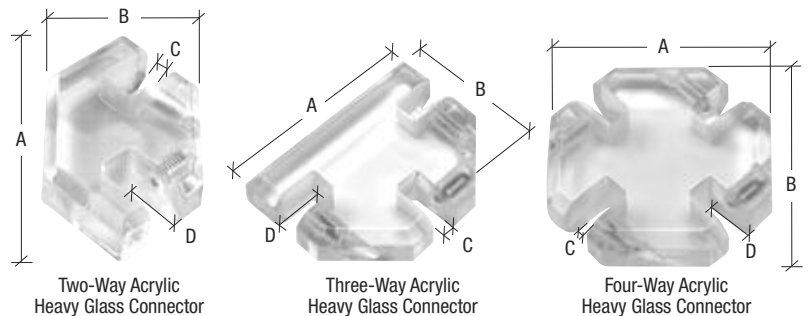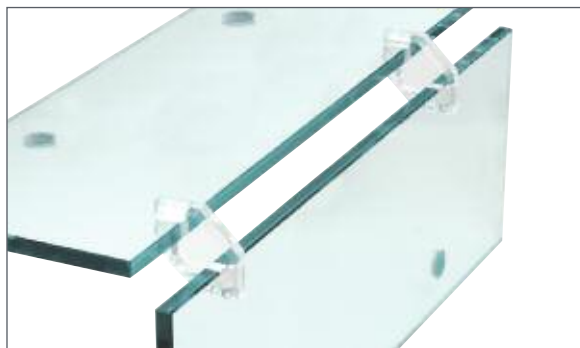
Two-Way Acrylic Heavy Glass Connector

Three-Way Acrylic Heavy Glass Connector

Four-Way Acrylic Heavy Glass Connector

These CRL Acrylic Heavy Glass Connectors provide a quick and easy way to create beautiful, durable glass table bases. These attractive and functional connectors have built-in set screws, so that installation is as easy as turning a screw.

CRL Heavy Glass Connectors are durable and reusable, and have highly polished beveled edges. They're the first step towards building elegant glass cocktail, lamp, and sofa back tables your customers will treasure for a lifetime. Tempered glass is recommended.

**USE MONOLITHIC TEMPERED GLASS**

| CAT. NO. | STYLE | GLASS THICKNESS | A | B | C | D |
|---|---|---|---|---|---|---|
| HGC238 | Two-Way | 3/8" (10 mm) | 3-1/4" (83 mm) | 1-7/8" (48 mm) | 13/32" (10 mm) | 3/4" (19 mm) |
| HGC212 | Two-Way | 1/2" (12 mm) | 3-1/2" (89 mm) | 1-7/8" (48 mm) | 17/32" (14 mm) | 7/8" (22 mm) |
| HGC338 | Three-Way | 3/8" (10 mm) | 3" (76 mm) | 2-1/4" (57 mm) | 13/32" (10 mm) | 3/4" (19 mm) |
| HGC312 | Three-Way | 1/2" (12 mm) | 3-1/2" (89 mm) | 2-1/2" (64 mm) | 17/32" (14 mm) | 7/8" (22 mm) |
| HGC438 | Four-Way | 3/8" (10 mm) | 3" (76 mm) | 3" (76 mm) | 13/32" (10 mm) | 3/4" (19 mm) |
| HGC412 | Four-Way | 1/2" (12 mm) | 3-1/2" (89 mm) | 3-1/2" (89 mm) | 17/32" (14 mm) | 7/8" (22 mm) |

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

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## CRL Deluxe Glass Corner Connectors

- For Tempered Glass Up to 3/8" (10 mm) Thick
- Beautiful Chrome Finish
- High Tech Design

These CRL Deluxe Glass Showcase Corner Connectors permit glass panels from thicknesses of 1/8" to 3/8" (3 to 10 mm) to fit tightly together without exterior extrusions. These heavily chromed Showcase Connectors fit on the inside of your showcase or display cabinet, and present a very contemporary look while securely fastening each glass panel together. Very easy to assemble, only a hex nut cap remains on the exterior. **NOTE**: Requires 3 mm hex wrench to tighten screws.

**Glass Fabrication**: 1/4" (6 mm) drilled holes in the glass panels are required for installation. Tempered glass is recommended.

**USE MONOLITHIC TEMPERED GLASS**

## CRL Deluxe Two-Way Glass Corner Connector

CRL Deluxe Two-Way Corner Connectors are used for connecting vertical and horizontal corners in 'all-glass' showcases.

| CAT. NO. | FINISH |
|----------|--------|
| 3107CH | Chrome |

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

1-19/64" (33 mm)
1-19/64" (33 mm)
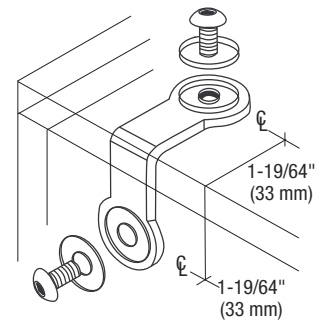
## CRL Deluxe Three-Way Glass Corner Connector

CRL Deluxe Three-Way Corner Connectors are used for connecting three pieces of glass at the corners of 'all-glass' showcases.

| CAT. NO. | FINISH |
|----------|--------|
| 3108CH | Chrome |

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

1-19/64" (33 mm)
1-19/64" (33 mm)
1-19/64" (33 mm)
1-19/64" (33 mm)
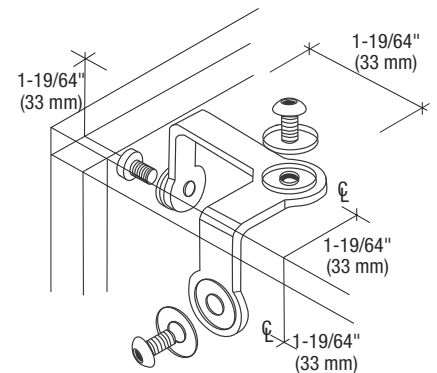
## CRL Tempered Glass for Displays

- 3/16" (5 mm) Brite Pencil Edged Panels Available in Convenient Cases of 10 Panels
- Perfect for Use With CRL Glass Connectors

CRL Tempered Glass is available in easy-to-handle cases of 10 each. See page 75SC.
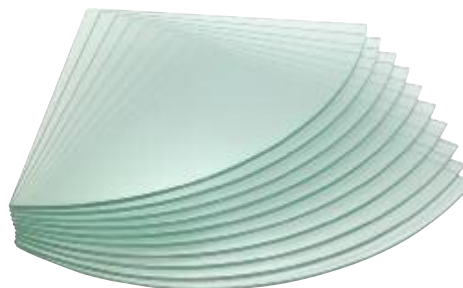
Quarter Rounds

Squares and Rectangles

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## CRL Clear Heavy Glass Top Vinyl

### - Green Tinted to Blend With Glass

Place this specially designed Top Vinyl on glass or panel uprights to protect and support heavy furniture tops. Its green tint blends with the glass edge to create an inconspicuous cushion. Available in profiles for three thicknesses of glass, and in two types of packaging, 1/2" (12.7 mm) lengths and 100 foot (30.5 m) rolls.

**CAT. NO. TV38**
3/8" (10 mm)
Glass

**CAT. NO. TV12**
1/2" (12 mm)
Glass

**CAT. NO. TV34**
3/4" (19 mm)
Glass

- Cut Pieces or Rolls

**MSDS ONLINE**

**1/2" LONG PIECES**

| CAT. NO. | GLASS THICKNESS | QTY/BOX |
|---|---|---|
| TV38 | 3/8" (10 mm) | 100 |
| TV12 | 1/2" (12 mm) | 100 |
| TV34 | 3/4" (19 mm) | 100 |

Minimum order: 100 each.  Sizes can be combined for quantity pricing.

**100 FOOT ROLLS**

| CAT. NO. | GLASS THICKNESS | ROLL LENGTH |
|---|---|---|
| TV38C | 3/8" (10 mm) | 100' (30.5 m) |
| TV12C | 1/2" (12 mm) | 100' (30.5 m) |
| TV34C | 3/4" (19 mm) | 100' (30.5 m) |

Minimum order: 1 roll.  Sizes can be combined for quantity pricing.
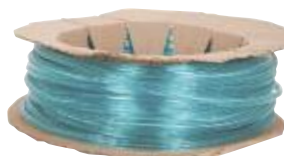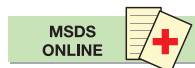
## CRL Clear Plastic Bumper for Display Glass

### - Press Fit on the Edge of 3/16" (5 mm) Tempered Glass
### - Protects Against Scratching

Specifically designed for use on retail displays using 3/16" (5 mm) thick tempered glass. They press fit on the edge of the glass and provide a cushion for glass or other materials which are used as tops and placed on the display. They keep the top material from sliding as well as protect both the edges and top from scratching and chipping. Bumpers measure 1/2" (12.7 mm) long x 3/8" (9.5 mm) wide.

| CAT. NO. | DESCRIPTION |
|---|---|
| CPDB | Clear Plastic Bumper |

Minimum order: 20 each.  Must be ordered in increments of 20.

## CRL Cushy Corners

### - Decorative Protection for Glass Table Tops
### - Can Be Used on 1/4" to 3/4" (6 to 19 mm) Thick Glass
### - Removable and Reusable

These CRL Cushy Corners offer protection against bumps and bruises from sharp corners of glass table tops, desk tops, and cabinet corners.  The soft cushioned styles of Cushy Corners come in four designs (Shell, Southwest, Contempo, and Floral) in packages of four. These decorative corners are especially helpful in homes with toddlers, and will not damage furniture surfaces.  Easy to apply with concealed adhesive transfer strips and can be easily removed for cleaning.  Transparent light blue tint.

Shell Pattern

Floral Pattern

Southwest Pattern

Contempo Pattern

| CAT. NO. | DESCRIPTION | QTY/PKG |
|---|---|---|
| C6050 | Shell Pattern | 4 |
| C6060 | Floral Pattern | 4 |
| C6070 | Southwest Pattern | 4 |
| C6080 | Contempo Pattern | 4 |

Minimum order: 1 package.  Patterns can be combined for quantity pricing.

**NOTE**: For 1/4" to 1/2" (6 to 12 mm) glass, use one Cushy Corner on the top.  For 3/4" (19 mm) glass, "sandwich" the glass with one Cushy Corner on the top and one on the bottom of the corner.

go to crlaurence.com to search for
**glass-protectors** | Search
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CRL US ALUMINUM

## CRL Shelf Hardware and Tempered Glass Shelves

**USE MONOLITHIC TEMPERED GLASS**

- 1/4" and 3/8" (6 and 10 mm) Thick Tempered Glass Shelves for Use With CRL Shelf Brackets in Over 300 Possible Combinations
- Conveniently Packed for UPS Shipment

Half Rounds and Rectangles

Quarter Rounds
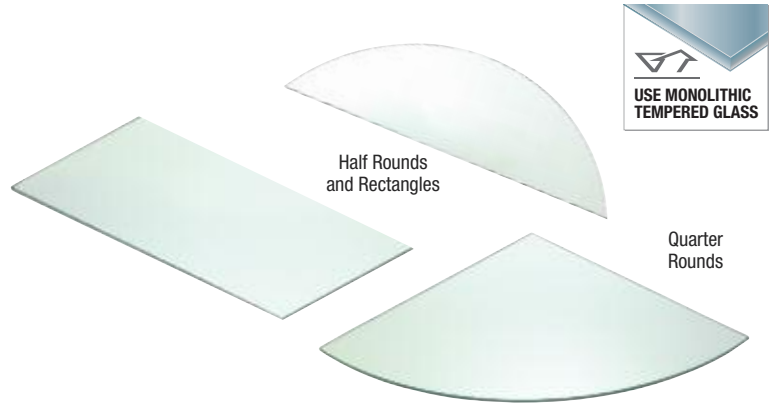
For your convenience, CRL offers pre-packaged Tempered Glass Shelves in eight different sizes. You can stock and display a variety of CRL Shelf Brackets and Tempered Glass that will allow your customer to "mix and match" hardware and glass to create that perfect look. See pages 88SC-95SC for our selection of Shelf Hardware.

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. 5275. You can send us an e-mail at **crlaurence.com/support**.

## These Shelf Hardware and Tempered Glass Combinations are Just a Few of the Possibilities

CRL DL631 Series Shelf Backets
Page 89SC

CRL 1270 Series Shelf Brackets
Page 91SC

CRL FA12 Series Shelf Brackets
Page 90SC

CRL SE3896 and SE1496 Series Shelf Kits
Page 87SC

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**shelf-hardware**   Search

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**85SC**

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**CRL** U.S. ALUMINUM

## CRL Tempered Glass Shelves

- Nine Sizes and Shapes Packaged for UPS Shipment
- Available in 1/4" and 3/8" (6 and 10 mm) Thicknesses
- Each Shelf is Individually Packed Inside a Master Case

**USE MONOLITHIC TEMPERED GLASS**

CRL offers the convenience of pre-packaged Tempered Glass Shelves that you can display in your showroom and have available for your customers. These Glass Shelves will allow your customer to "mix and match" different types of Shelf Bracket Hardware with different shapes, sizes, and thicknesses of glass to create that perfect shelf for their homes.

CRL Tempered Glass Shelves are beautifully fabricated with highly polished flat edges. You can choose from 1/4" or 3/8" (6 or 10 mm) thicknesses in an assortment of shapes. Match them to our Shelf Bracket Hardware for over 300 different design combinations. Each Shelf is individually packed within the master case, allowing you to sell them individually to your customers, or carry them safely to the job site. NOTE: Only full cases can be ordered; individual shelves cannot be shipped.

**CAT. NO. 14TGQ12**
12" Quarter Round
1/4" Thickness

**CAT. NO. 38TGQ12**
12" Quarter Round
3/8" Thickness

**CAT. NO. 14TGH518**
5" x 18" Half Round
1/4" Thickness

**CAT. NO. 14TGR518**
5" x 18" Rectangle
1/4" Thickness

**CAT. NO. 38TGR524**
5" x 24" Rectangle
3/8" Thickness

**CAT. NO. 14TGR824**
8" x 24" Rectangle
1/4" Thickness

**CAT. NO. 38TGR1024**
10" x 24" Rectangle
3/8" Thickness

**CAT. NO. 38TGR1036**
10" x 36" Rectangle
3/8" Thickness

| CAT. NO. | GLASS SIZE | SHAPE | GLASS THICKNESS | QTY/CASE |
| --- | --- | --- | --- | --- |
| 14TGQ12 | 12" (305 mm) Radius | Quarter Round | 1/4" (6 mm) | 5 |
| 14TGH518 | 5" x 18" (127 x 457 mm) | Half Round | 1/4" (6 mm) | 5 |
| 14TGR518 | 5" x 18" (127 x 457 mm) | Rectangle | 1/4" (6 mm) | 5 |
| 14TGR824 | 8" x 24" (203 x 610 mm) | Rectangle | 1/4" (6 mm) | 5 |
| 38TGQ12 | 12" (305 mm) Radius | Quarter Round | 3/8" (10 mm) | 5 |
| 38TGR524 | 5" x 24" (127 x 610 mm) | Rectangle | 3/8" (10 mm) | 5 |
| 38TGR1024 | 10" x 24" (254 x 610 mm) | Rectangle | 3/8" (10 mm) | 3 |
| 38TGR1036 | 10" x 36" (254 x 914 mm) | Rectangle | 3/8" (10 mm) | 2 |

Minimum order: 1 full case. Shapes and sizes can be combined for quantity pricing. F.O.B. CRL service centers.

## Use Our Tempered Glass Shelves
## With These CRL Shelf Brackets and Clamps

CRL Aluminum Shelf Brackets
Page 88SC

CRL Adjustable Shelf Brackets
Page 89SC

CRL Shower Interior Shelf Brackets
Page 90SC

CRL No-Drill Shelf Clamps
Page 91SC

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**shelf-hardware**     Search

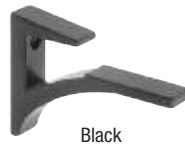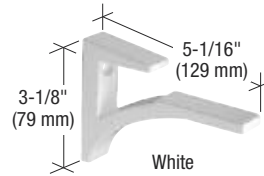or enter the Catalog Number for complete product information

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# CRL Aluminum Shelving Extrusions for Glass

- For 1/4" and 3/8" (6 and 10 mm) Thick Tempered Glass
- Available in Four Lengths and Finishes
- Easy to Install

**USE MONOLITHIC TEMPERED GLASS**

CRL Aluminum Shelf Extrusions are designed to support glass shelves without a lot of visible metal.  The cleat easily attaches to studs with screws, and can support a shelf with a maximum projection of 12" (305 mm). Offered in 96" (2.4 m) long Extrusions, so now you are no longer limited to "standard size" shelves.  The Extrusions may be easily cut to size, and by installing matching End Caps the shelves make for a beautiful presentation.

Available for both 1/4" and 3/8" (6 and 10 mm) thick glass, the Extrusions come in the following finishes: brite anodized, brite gold anodized, brushed nickel, and white. 18", 24", and 36" (457, 610, and 914 mm) long Shelf Kits come with one pair of matching plastic End Caps.  All lengths come with Silicone Strips to cushion the glass.

**ONLINE** INSTALLATION RESOURCES
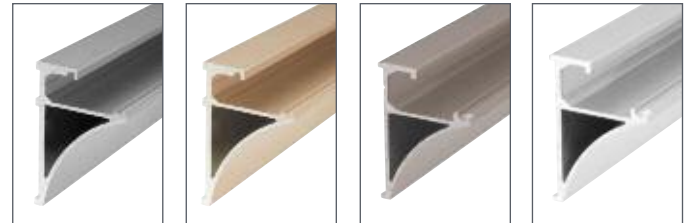
Brite Anodized | Brite Gold Anodized | Brushed Nickel | White

### 18" (457 MM) SHELF KITS

| 1/4" (6 MM) GLASS CAT. NO. | FINISH | 3/8" (10 MM) GLASS CAT. NO. |
|---|---|---|
| SE1418BA | Brite Anodized | SE3818BA |
| SE1418BGA | Brite Gold Anodized | SE3818BGA |
| SE1418BN | Brushed Nickel | SE3818BN |
| SE1418W | White | SE3818W |

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

### 24" (610 MM) SHELF KITS

| 1/4" (6 MM) GLASS CAT. NO. | FINISH | 3/8" (10 MM) GLASS CAT. NO. |
|---|---|---|
| SE1424BA | Brite Anodized | SE3824BA |
| SE1424BGA | Brite Gold Anodized | SE3824BGA |
| SE1424BN | Brushed Nickel | SE3824BN |
| SE1424W | White | SE3824W |

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

### 36" (914 MM) SHELF KITS

| 1/4" (6 MM) GLASS CAT. NO. | FINISH | 3/8" (10 MM) GLASS CAT. NO. |
|---|---|---|
| SE1436BA | Brite Anodized | SE3836BA |
| SE1436BGA | Brite Gold Anodized | SE3836BGA |
| SE1436BN | Brushed Nickel | SE3836BN |
| SE1436W | White | SE3836W |

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

### 96" (2.4 M) EXTRUSIONS ONLY

| 1/4" (6 MM) GLASS CAT. NO. | FINISH | 3/8" (10 MM) GLASS CAT. NO. |
|---|---|---|
| SE1496BA | Brite Anodized | SE3896BA |
| SE1496BGA | Brite Gold Anodized | SE3896BGA |
| SE1496BN | Brushed Nickel | SE3896BN |
| SE1496W | White | SE3896W |

Minimum order: 1 each.  96" Long Extrusions do not come with End Caps, which must be ordered separately (see below).

# CRL End Caps for Aluminum Shelving Extrusions

- Cover Exposed Edges of Our Aluminum Shelving Extrusions
- Formed and Shaped to Fit, Ready to Install

CRL End Caps for Aluminum Shelving Extrusions protect the exposed edge and provide a beautiful finished product.  Available for both sizes of Aluminum Shelving Extrusions, End Caps are made of injection molded plastic, and easily install with Cat. No. RTV408C Clear Silicone.  One pair per package.

1/4" End Cap in Brite Anodized | 1/4" End Cap in Brite Gold Anodized | 3/8" End Cap in Brushed Nickel | 3/8" End Cap in White

| 1/4" (6 MM) GLASS CAT. NO. | FINISH TO MATCH | 3/8" (10 MM) GLASS CAT. NO. |
|---|---|---|
| END14BA | Brite Anodized | END38BA |
| END14BGA | Brite Gold Anodized | END38BGA |
| END14BN | Brushed Nickel | END38BN |
| END14W | White | END38W |

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

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## CRL Aluminum Shelf Clips

**ONLINE** *INSTALLATION*
*RESOURCES*

- Three Beautiful Finishes for 3/8" to 1/2" (10 to 12 mm) and 5/8" to 3/4" (16 to 19 mm) Thick Shelves

USE MONOLITHIC TEMPERED GLASS

- Easily Installed
- Will Support Shelves Up to 12" (305 mm) Deep
- Holds Up to 80 Pounds (36 kg)

Chrome

5-1/16" (129 mm)

3-1/8" (79 mm)

White

These CRL Aluminum Shelf Clips can be installed anywhere storage is needed. The black, chrome, and white powder coated colors will go with any décor, and can be used in any environment including retail display, kitchen, bath, office, laundry room or garage. These Clips will accommodate glass or wood shelves up to 1/2" or 3/4" (12 or 19 mm) thick. The design of the clip provides support on the top edge and underneath, and will hold up to 80 pounds (36 kg) per pair. Each pack contains two Clips, mounting tape, spacer tabs, screws, and installation instructions.

Black

| CAT. NO. | FINISH | SHELF THICKNESS | QTY/PKG |
|----------|--------|-----------------|---------|
| SC5CH | Chrome | 3/8" to 1/2" (10 to 12 mm) | 2 |
| SC5BL | Black | 3/8" to 1/2" (10 to 12 mm) | 2 |
| SC5W | White | 3/8" to 1/2" (10 to 12 mm) | 2 |
| SC75CH | Chrome | 5/8" to 3/4" (16 to 19 mm) | 2 |
| SC75BL | Black | 5/8" to 3/4" (16 to 19 mm) | 2 |
| SC75W | White | 5/8" to 3/4" (16 to 19 mm) | 2 |

Minimum order: 1 pack. All Brackets can be combined for quantity pricing.

## CRL Designer Aluminum Shelf Brackets

- Ornate Curved Design

USE MONOLITHIC TEMPERED GLASS

- Will Support Shelves Up to 12" (305 mm) Deep
- Holds Up to 80 Pounds (36 kg)

Chrome

5-1/16" (129 mm)

3-3/8" (86 mm)

White

These CRL Designer Aluminum Shelf Brackets may be installed anywhere a classy shelf is desired. The black, chrome, and white powder coated colors will go with any décor, and can be used in any environment including retail display, kitchen, bath, or office. These Designer Brackets will accommodate glass or wood shelves up to 1/2" or 3/4" (12 or 19 mm) thick. The design of the Bracket provides support on the top edge and underneath, and will hold up to 80 pounds (36 kg). Each pack contains two Brackets, mounting tape, spacer tabs, screws, and installation instructions.

Black

| CAT. NO. | FINISH | SHELF THICKNESS | QTY/PKG |
|----------|--------|-----------------|---------|
| CC5CH | Chrome | 3/8" to 1/2" (10 to 12 mm) | 2 |
| CC5BL | Black | 3/8" to 1/2" (10 to 12 mm) | 2 |
| CC5W | White | 3/8" to 1/2" (10 to 12 mm) | 2 |
| CC75CH | Chrome | 5/8" to 3/4" (16 to 19 mm) | 2 |
| CC75BL | Black | 5/8" to 3/4" (16 to 19 mm) | 2 |
| CC75W | White | 5/8" to 3/4" (16 to 19 mm) | 2 |

Minimum order: 1 pack. All Brackets can be combined for quantity pricing.

## CRL Aluminum Display Shelf Brackets

- Two Finishes for 3/16" to 1/4" (5 to 6 mm) Thick Shelves

USE MONOLITHIC TEMPERED GLASS

- No Drilling of Glass Required
- Mount Display Shelves Efficiently and Economically

This CRL Anodized Aluminum Display Bracket is ideally suited for installing display shelves using 3/16" or 1/4" (5 or 6 mm) thick glass. The shelf is secured to the bracket with a single nylon tipped screw; no drilling of the glass is required. It is recommended that the Brackets be installed into wall studs to provide maximum support. These Brackets are intended for lightweight display items. The maximum shelf protrusion from the wall should not exceed 8" (203 mm).

Chrome Anodized

Gold Anodized

| CAT. NO. | FINISH | SHELF THICKNESS | QTY/PKG |
|----------|--------|-----------------|---------|
| E106A | Chrome Anodized | 3/16" to 1/4" (5 to 6 mm) | 1 |
| E106GA | Gold Anodized | 3/16" to 1/4" (5 to 6 mm) | 1 |

Minimum order: 1 pack. All Brackets can be combined for quantity pricing.

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## CRL Adjustable Shelf Brackets

- For Glass or Wood Shelves 1/8" to 15/16" (3 to 24 mm) Thick
- Will Support Shelves Up to 12" (305 mm) Deep

CRL Regular Size Adjustable Shelf Brackets are designed to work with 1/8" to 15/16" (3 to 24 mm) thick glass or wood shelves up to 10" (254 mm) deep. Heavy-Duty Adjustable Shelf Brackets work with 1/2" to 15/16" (12 to 24 mm) thick glass or wood shelves up to 12" (305 mm) deep.

The Brackets are secured with one screw (included) to the substrate. An adjustment screw is also included to accommodate various shelf glass thicknesses. Maximum recommended weight per pair of DL631 Brackets when correctly installed is 44 pounds (20 kg). Maximum recommended weight per pair of DL661 Brackets correctly installed is 50 pounds (23 kg).

**USE MONOLITHIC TEMPERED GLASS**
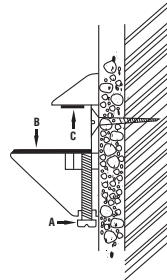
A = Adjustment Screw
B = Plastic Cap
C = Foam Cushion
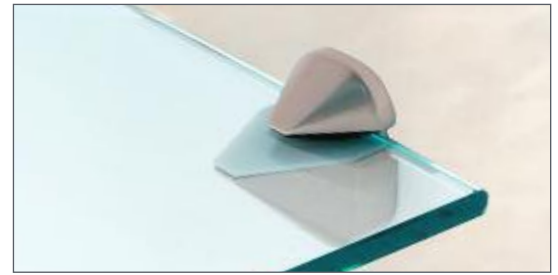
| REGULAR CAT. NO. | HEAVY-DUTY CAT. NO. | FINISH |
|---|---|---|
| DL631CH | DL661CH | Chrome |
| DL631BR | DL661BR | Brass |
| DL6310RB | DL6610RB | Oil Rubbed Bronze |
| DL631BL | DL661BL | Black |
| DL631BN | DL661BN | Brushed Nickel |
| DL631SC | DL661SC | Satin Chrome |
| DL631W | DL661W | White |

Minimum order: DL631 Series 1 pair. DL661 Series 1 each.
Finishes can be combined for quantity pricing.

**Regular**

1-1/16" (27 mm)

1-7/8" (47.6 mm)
Side View

1-9/16" (39.7 mm)
Front View

Bottom View

**Heavy-Duty**

1-3/8" (35 mm)

3-1/8" (79 mm)
Side View

2" (51 mm)
Front View

Bottom View
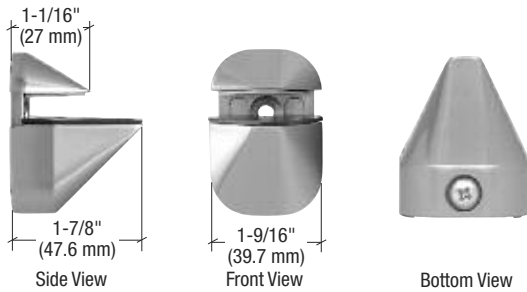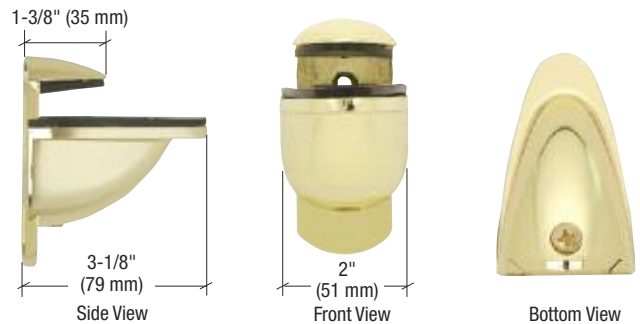
## CRL Shelf Rods and Supports

- Create Beautiful and Safe Glass Shelves
- Available in Our Three Most Popular Finishes

Designed for use with 1/4" to 3/8" (6 to 10 mm) thick tempered glass, CRL's Shelf Rods and Supports are used to create beautiful glass shelves with an extra safety factor. The 24" or 36" (610 or 914 mm) long hollow Rods can be used as is, or cut-to-size. The attractively designed Supports can be attached to the shelf wherever required to create a truly unique look. Set screws hold them tight to the glass. The Rods come in packs of six each, the Supports are sold individually.

Adjustable Shelf Brackets shown in photo are sold separately. See above.

2-5/8" (67 mm)

1-3/4" (45 mm)

13/32" (10 mm)

3/8" (9.5 mm)

5/8" (16 mm)

**USE MONOLITHIC TEMPERED GLASS**
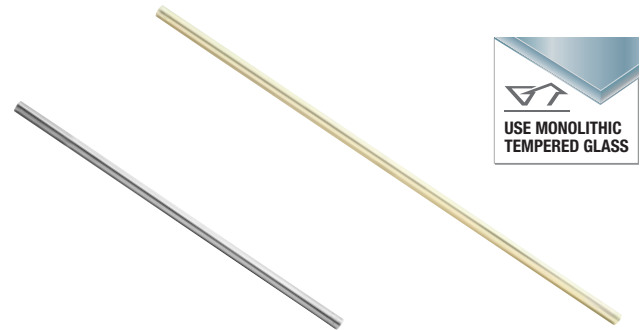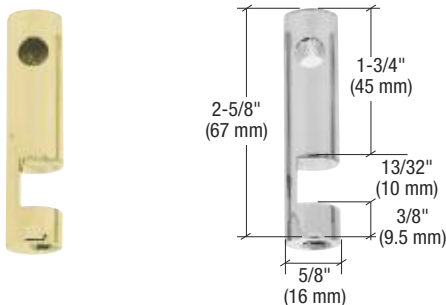
| LEFT HAND ROD SUPPORT | | CENTER ROD SUPPORT | | RIGHT HAND ROD SUPPORT | | 24" (610 MM) ROD | | 36" (914 MM) ROD | |
|---|---|---|---|---|---|---|---|---|---|
| CAT. NO. | FINISH | CAT. NO. | FINISH | CAT. NO. | FINISH | CAT. NO. | FINISH | CAT. NO. | FINISH |
| RDB1CH | Polished Chrome | RDB2CH | Polished Chrome | RDB3CH | Polished Chrome | RD24CH | Polished Chrome | RD36CH | Polished Chrome |
| RDB1BR | Polished Brass | RDB2BR | Polished Brass | RDB3BR | Polished Brass | RD24BR | Polished Brass | RD36BR | Polished Brass |
| RDB1BN | Brushed Nickel | RDB2BN | Brushed Nickel | RDB3BN | Brushed Nickel | RD24BN | Brushed Nickel | RD36BN | Brushed Nickel |

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

Minimum order: 1 pack of six. Sizes and finishes can be combined for quantity pricing.

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## CRL Thru-Glass Shelf Clamps

- For 1/4" to 3/8" (6 to 10 mm) Thick Tempered Glass
- Available in Three Styles and Six Popular Finishes
- Requires 1/2" (12 mm) Holes in Glass

**USE MONOLITHIC TEMPERED GLASS**

**NEW!**

CRL Solid Brass Thru-glass Shelf Clamps can be used to secure lightweight articles, such as shampoo bottles. Clamps require 1/2" (12 mm) holes in the glass. Nylon tip brass set screws are used to support the glass. Maximum 5" glass protrusion from the mounting surface is recommended. Clamps will hold 1/4" to 3/8" (6 to 10 mm) thick tempered glass.

| CAT. NO. | FINISH | CAT. NO. | FINISH | CAT. NO. | FINISH |
|---|---|---|---|---|---|
| FA80CH | Chrome | FA81CH | Chrome | FA82CH | Chrome |
| FA80BR | Brass | FA81BR | Brass | FA82BR | Brass |
| FA80BN | Brushed Nickel | FA81BN | Brushed Nickel | FA82BN | Brushed Nickel |
| FA800RB | Oil Rubbed Bronze | FA810RB | Oil Rubbed Bronze | FA820RB | Oil Rubbed Bronze |
| FA80PN | Polished Nickel | FA81PN | Polished Nickel | FA82PN | Polished NIckel |
| FA80SC | Satin Chrome | FA81SC | Satin Chrome | FA82SC | Satin Chrome |

Minimum order: 1 each. All Clamps can be combined for quantity pricing.
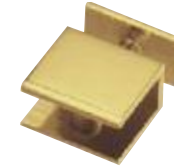
**CAT. NO. FA80**
Size: 1-1/8" (28.6 mm) Wide x 1" (25.4 mm) Deep

**CAT. NO. FA82**
Size: 1-15/16" (49.2 mm) Wide x 1" (25.4 mm) Deep

**CAT. NO. FA81**
Size: 3-15/16" (100 mm) Wide x 1" (25.4 mm) Deep

## CRL Solid Brass Shelf Clamps

- For 1/4" to 3/8" (6 to 10 mm) Thick Tempered Glass
- No Glass Fabrication Required
- Available In Three Styles and Up to Nine Finishes

**USE MONOLITHIC TEMPERED GLASS**

CRL Solid Brass Shelf Clamps can be used to secure a shelf for lightweight articles. Clamps should be secured to wall with screws (not included) in studs, or with Molly-type anchors. Nylon tip brass set screws secure the glass. Maximum 5" (127 mm) glass protrusion from wall is recommended. Clamps will hold 1/4" to 3/8" (6 to 10 mm) tempered glass, with no glass fabrication required.
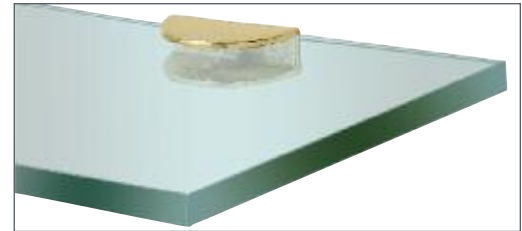
| CAT. NO. | FINISH |
|---|---|
| FA10CH | Chrome |
| FA10BR | Brass |
| FA10BC0 | Brushed Copper |
| FA10BN | Brushed Nickel |
| FA100RB | Oil Rubbed Bronze |
| FA10PN | Polished Nickel |
| FA10SC | Satin Chrome |
| FA10SB | Satin Brass |
| FA10UBR | Ultra Brass |

| CAT. NO. | FINISH | CAT. NO. | FINISH |
|---|---|---|---|
| FA11CH | Chrome | FA12CH | Chrome |
| FA11BR | Brass | FA12BR | Brass |
| FA11BN | Brushed Nickel | FA120RB | Oil Rubbed Bronze |
| FA110RB | Oil Rubbed Bronze | FA12BN | Brushed Nickel |
| FA11PN | Polished Nickel | FA12SB | Satin Brass |
| FA11SB | Satin Brass | FA12SC | Satin Chrome |

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

**CAT. NO. FA10**
Size: 1-1/8" (28.6 mm) Wide x 1" (25.4 mm) Deep

**CAT. NO. FA12**
Size: 1-15/16" (49.2 mm) Wide x 1" (25.4 mm) Deep
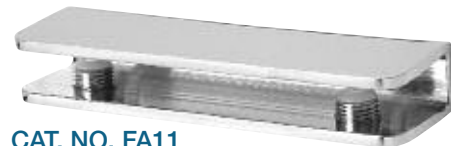
**CAT. NO. FA11**
Size: 3-15/16" (100 mm) Wide x 1" (25.4 mm) Deep

## CRL Shelf Clamps With Support Leg

- For 1/4" to 3/8" (6 to 10 mm) Thick Tempered Glass
- Support Leg for Extra Strength

CRL Solid Brass Shelf Clamps with Support Leg can be used to secure a shelf for lightweight articles. Clamps should be secured to wall with screws (not included) in studs, or with Molly-type anchors. Nylon tip brass tension screws secure the glass. Maximum 5" (127 mm) glass protrusion from wall is recommended. Clamps will hold 1/4" to 3/8" (6 to 10 mm) tempered glass, with no glass fabrication required. "F" shape gives an extra 1/2" (12 mm) support against the wall. The wall thickness of the clamps is 1/8" (3.2 mm) all around. One Clamp per pack.

**CAT. NO. EH132/EH134**
Size: 1-9/16" (40 mm) Wide x 1-3/16" (30 mm) Deep

**CAT. NO. EH124/EH126**
Size: 1-15/16" (49 mm) Wide x 15/16" (24 mm) Deep
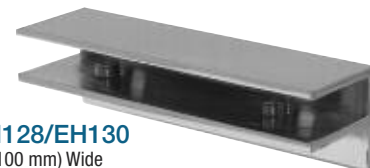
**CAT. NO. EH128/EH130**
Size: 3-15/16" (100 mm) Wide x 1-3/16" (30 mm) Deep

| CAT. NO. | FINISH | CAT. NO. | FINISH | CAT. NO. | FINISH |
|---|---|---|---|---|---|
| EH132 | Chrome | EH124 | Chrome | EH128 | Chrome |
| EH134 | Brass | EH126 | Brass | EH130 | Brass |

Minimum order: 1 pack. All Clamps can be combined for quantity pricing.

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## CRL No-Drill Round Shelf Clamps for Glass

- Solid Brass With Chrome or Gold Plated Finishes
- For 3/8" and 1/2" (10 and 12 mm) Thick Tempered Glass
- No Glass Drilling Required

CRL No-Drill Glass Shelf Clamps are made of solid brass with a beautiful chrome or gold plated finish.  They make mounting small glass shelves directly to walls or inside cabinets easy because nylon set screws secure the glass, so absolutely no glass drilling is required.  The Round Clamps come in two diameters, 25/32" and 15/16" (19.8 and 23.8 mm) for 3/8" and 1/2" (10 and 12 mm) tempered glass.  Maximum shelf protrusion from the wall is 5" (127 mm).  Shelf Clamps are also suitable for use with small acrylic or wood shelves.  Back wall thickness on clamps is 5/16" (8 mm).

Single Mounting Hole

Chrome

Gold

**USE MONOLITHIC TEMPERED GLASS**
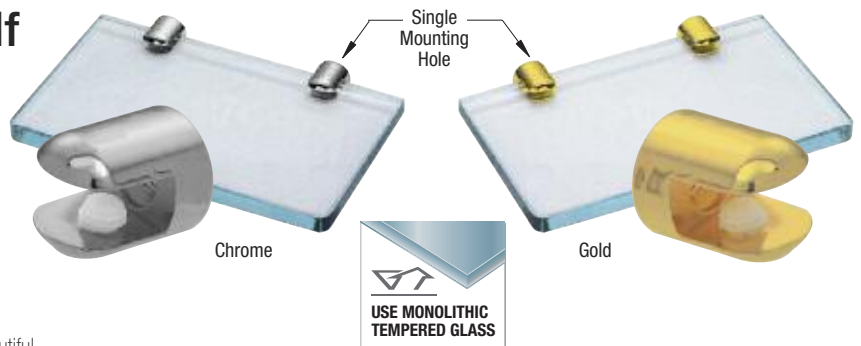
| CAT. NO. | FINISH | DIAMETER | GLASS THICKNESS |
|---|---|---|---|
| 1020CHR | Chrome | 25/32" (19.8 mm) | 3/8" (10 mm) |
| 1020GP | Gold | 25/32" (19.8 mm) | 3/8" (10 mm) |
| 1222CHR | Chrome | 15/16" (23.8 mm) | 1/2" (12 mm) |
| 1222GP | Gold | 15/16" (23.8 mm) | 1/2" (12 mm) |

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

## CRL No-Drill Long Shelf Clamps for Glass

- Solid Brass With Chrome or Gold Plated Finishes
- For 3/8" and 1/2" (10 and 12 mm) Thick Tempered Glass
- No Glass Drilling Required

CRL No-Drill Glass Shelf Clamps are made of solid brass with a beautiful chrome or gold plated finish.  They make mounting small glass shelves directly to walls or inside cabinets easy because nylon set screws secure the glass, so absolutely no glass drilling is required.  Long Clamps are available in two lengths, 1-1/4" and 2-3/4" (32 and 70 mm) for 3/8" and 1/2" (10 and 12 mm) tempered glass. Maximum shelf protrusion from the wall is 5" (127 mm).  Shelf Clamps are also suitable for use with small acrylic or wood shelves.  Back wall thickness on clamps is 1/4" (6 mm).

Single Mounting Hole

Double Mounting Holes

Gold

Chrome

**USE MONOLITHIC TEMPERED GLASS**
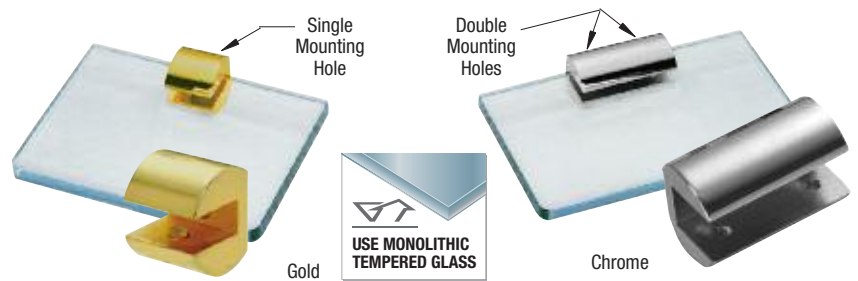
| CAT. NO. | FINISH | DIAMETER | GLASS THICKNESS |
|---|---|---|---|
| 1230CHR | Chrome | 1-1/4" (32 mm) | 3/8" (10 mm) |
| 1230GP | Gold | 1-1/4" (32 mm) | 3/8" (10 mm) |
| 1270CHR | Chrome | 2-3/4" (70 mm) | 3/8" (10 mm) |
| 1270GP | Gold | 2-3/4" (70 mm) | 3/8" (10 mm) |
| 1430CHR | Chrome | 1-1/4" (32 mm) | 1/2" (12 mm) |
| 1430GP | Gold | 1-1/4" (32 mm) | 1/2" (12 mm) |
| 1470CHR | Chrome | 2-3/4" (70 mm) | 1/2" (12 mm) |
| 1470GP | Gold | 2-3/4" (70 mm) | 1/2" (12 mm) |

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

## CRL Cable Shelf Brackets

- Put Up a Shelf With Only Two Screws
- Works on Any Shelf Up to 16" (406 mm) Deep
- Strong; Holds Up to 100 Pounds (45 kg)

CRL's Cable Shelf Bracket will help provide low-cost, high-style storage. They can hold any shelving material including wood, tempered glass, and marble. They can also be used for utility shelving. The brackets come in natural aluminum or anodized black finish and are available for 3/8" to 1/2" (10 to 12 mm) and 5/8" to 3/4" (16 to 19 mm) thick shelves. Constructed of stainless steel cable and aluminum fittings which help to hold up to 100 pounds (45 kg). The design supports the front and rear of the shelf in suspension. Includes a pair of brackets, round back plates, two screws, plastic tabs, and instructions.

One Set
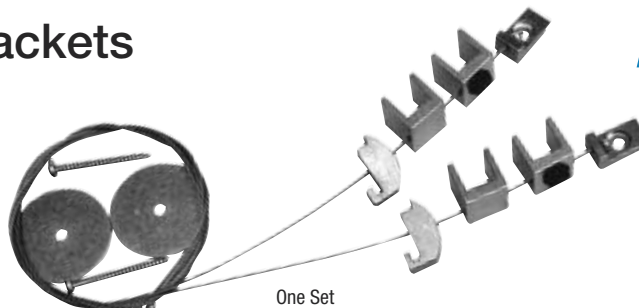
- Two Sizes and Finishes to Choose From

| CAT. NO. | SHELF THICKNESS | FINISH |
|---|---|---|
| CSB5 | 3/8" - 1/2" (10-12 mm) | Aluminum |
| CSB5B | 3/8" - 1/2" (10-12 mm) | Black |
| CSB75 | 5/8" - 3/4" (16-19 mm) | Aluminum |
| CSB75B | 5/8" - 3/4" (16-19 mm) | Black |

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

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# CRL Shelf Clamps

CRL has a diversified selection of Glass Clamps that can be used for a variety of shelving applications. These solid brass Clamps are designed for glass thicknesses from 1/4" to 5/16" (6 to 8 mm). It is recommended that the depth of the shelf should not exceed 5" (127 mm), and that the Clamps are installed into wall studs or a wood substrate.

**USE MONOLITHIC TEMPERED GLASS**

## CRL Rectangular Shelf Clamps for 1/4" to 5/16" (6 to 8 mm) Glass

CRL Rectangular Shelf Clamps are designed to solve glass mounting problems such as flush glazing, or attaching shelves to walls. These long Clamps have the attaching strength to hold glass securely. The glass is secured by two plastic tipped set-screws. Use #8 Flat Head Screws to install (not included). One Clamp per pack.
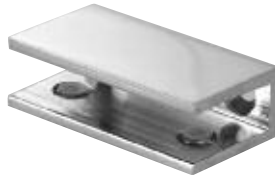
Size: 1-31/32" (50 mm) Wide
x 1-1/16" (27 mm) Deep

- 1 Clamp Per Pack

| CAT. NO. | FINISH |
|----------|--------|
| EH38 | Chrome |
| EH39 | Brushed Nickel |
| EH40 | Brass |

Minimum order: 1 pack. All Clamps can be combined for quantity pricing.

## CRL Slim-Line Shelf Clamps for 1/4" to 5/16" (6 to 8 mm) Glass

CRL Slim-Line Shelf Clamps are designed to mount glass quick and easy without having to drill holes in the glass. These solid brass Clamps can be used for a variety of glass applications. They can be attached to any substrate, and the glass is secured by a plastic tipped set screw. Each Clamp is supplied with one wood screw. One Clamp per pack.

Size: 5/8" (16 mm) Wide
x 1-25/32" (45 mm) Deep Long Leg
7/8" (22 mm) Deep Short Leg

- 1 Clamp Per Pack

| CAT. NO. | FINISH |
|----------|--------|
| EH42 | Chrome |
| EH43 | Brushed Nickel |
| EH44 | Brass |

Minimum order: 1 pack. All Clamps can be combined for quantity pricing.

## CRL Small Vertical Shelf Clamps for 1/4" to 5/16" (6 to 8 mm) Glass

CRL Small Vertical Shelf Clamps are for glass mounting problems such as flush glazing, or attaching shelves to walls. These solid brass universal Clamps can be used for a variety of glass applications. They can be attached to any substrate. The glass is secured by a plastic tipped set screw. Each Clamp is supplied with two wood screws. One Clamp per pack.

Size: 5/8" (16 mm) Wide
x 1-3/16" (30 mm) Deep

- 1 Clamp Per Pack

| CAT. NO. | FINISH |
|----------|--------|
| EH46 | Chrome |
| EH47 | Brushed Nickel |
| EH48 | Brass |

Minimum order: 1 pack. All Clamps can be combined for quantity pricing.

## CRL Large Vertical Shelf Clamps for 1/4" to 5/16" (6 to 8 mm) Glass

CRL Large Vertical Shelf Clamps are great for attaching shelves to walls because the extra long leg gives added support. These solid brass Clamps can be used for a variety of glass applications as well. They can be attached to any substrate, and the glass is secured by a plastic tipped set screw. Each Clamp is supplied with two wood screws. One Clamp per pack.

Size: 3/4" (19 mm) Wide
x 1-29/32" (48 mm) Deep Long Leg
1-1/32" (26 mm) Deep Short Leg

- 1 Clamp Per Pack

| CAT. NO. | FINISH |
|----------|--------|
| EH50 | Chrome |
| EH51 | Brushed Nickel |
| EH52 | Brass |

Minimum order: 1 pack. All Clamps can be combined for quantity pricing.

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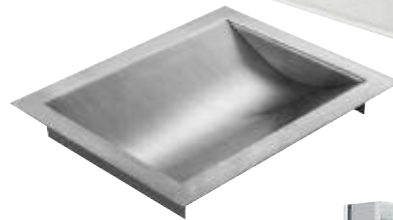From Anywhere in the U.S. or Canada

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## CRL Slot Mount Standoffs

- For 1/4", 3/8", and 1/2" (6, 10, and 12 mm) Thick Materials

CRL Slot Mount Standoffs are designed to be mounted either vertically or horizontally, and can be used for installing shelves without drilling holes in the material.  The nylon tip set screws hold panels firmly in place without damaging panel material or glass.  This 1-1/4" (31.8 mm) diameter Slot Mount Standoff is available to hold 1/4", 3/8", and 1/2" (6, 10, and 12 mm) thick material.  Maximum recommended shelf projection from the wall is 5" (127 mm) when Standoff is anchored to the wall stud.

M10 - 1.5 Thread

**ONLINE** *INSTALLATION RESOURCES*

**Slot Mount Standoff Assemblies Consist of:**
1 Each Standoff
1 Each Nylon Tip Set Screw
1 Each Clear Gasket

**USE MONOLITHIC TEMPERED GLASS**

| BRASS CAT. NO. | CHROME CAT. NO. | SATIN CHROME CAT. NO. | BRUSHED 316 STAINLESS CAT. NO. | GUN METAL CAT. NO. | MATERIAL THICKNESS |
|---|---|---|---|---|---|
| SM14BR | SM14CH | SM14SC | SM14BS | SM14GM | 1/4" (6 mm) |
| SM38BR | SM38CH | SM38SC | SM38BS | SM38GM | 3/8" (10 mm) |
| SM12BR | SM12CH | SM12SC | SM12BS | SM12GM | 1/2" (12 mm) |

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

# CRL Complete Glass Shelving Kits

- Boost Your "Over the Counter" Sales
- Choose From a Variety of Attractive Designs

## CRL KV® Glass Shelf Kits

- Beautifully Anchors Glass Shelves to Wall
- Kits Come in Two Sizes
- Easy-to-Follow Instructions

- 1/4" (6 mm) Tempered Glass Shelf Included
- White Powder Coat Finish

**MONOLITHIC TEMPERED GLASS INCLUDED**

**ONLINE** *INSTALLATION RESOURCES*

The Glass Shelf Kit from Knape & Vogt® is guaranteed to attract the attention of buyers who want contemporary yet elegant fixtures to grace their homes.  The Shelf Anchor is a one-piece support that grips the glass shelf along the full back edge and mounts almost anywhere.  The Kit comes complete with 1/4" (6 mm) thick tempered glass, with smoothly radiused front corners and polished edges for maximum safety.  Combined with the tempered glass shelf, and properly installed, it easily supports up to a 50 pound (22 kg) load.  White finish is a smooth epoxy powder coating.

| CAT. NO. | GLASS SHELF SIZE | SHELF COLOR | ANCHOR FINISH |
|---|---|---|---|
| 89WH10618 | 6" x 18" (152 x 457 mm) | Clear | White |
| 89WH10824 | 8" x 24" (203 x 610 mm) | Clear | White |

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

## CRL Cable Glass Shelf Kits

- Stainless Cable, Aluminum Fittings
- 3/8" (10 mm) Tempered Glass Included
- Mounts With Just Two Screws
- Available in Three Sizes

**MONOLITHIC TEMPERED GLASS INCLUDED**

**ONLINE** *INSTALLATION RESOURCES*

CRL's Cable Glass Shelf Kits offer a clean and simple, yet strong design.  Constructed of stainless steel cable and aluminum fittings, when installed properly the shelf can hold up to 150 pounds (68 kg).  The design supports the front and rear of the shelf in suspension.  Kit includes: 3/8" (10 mm) tempered glass with all flat polished edges, a pair of brackets, round backplates, two screws, plastic tabs, and installation instructions.

| CAT. NO. | GLASS SHELF SIZE | GLASS THICKNESS | FINISH |
|---|---|---|---|
| 624K | 6" x 24" (152 x 610 mm) | 3/8" (10 mm) | Satin Aluminum |
| 1024K | 10" x 24" (254 x 610 mm) | 3/8" (10 mm) | Satin Aluminum |
| 1036K | 10" x 36" (254 x 914 mm) | 3/8" (10 mm) | Satin Aluminum |

Minimum order: 1 each.  For Cable Shelf Hardware only without glass see page 91SC.

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## CRL KV® Corner Glass Shelf Kits

**ONLINE** *INSTALLATION RESOURCES*

- 1/4" (6 mm) Tempered Glass Shelf
- Easy to Install in Just Minutes
- Accent and Enhance Any Room

**MONOLITHIC TEMPERED GLASS INCLUDED**

This Knape & Vogt® 12" (305 mm) Corner Glass Shelf Kit gives plenty of space for displaying collectibles. The tempered glass has smooth corners and polished edges for an elegant appearance. Each Kit comes in attractive packaging that will capture the attention of your retail customers and spell out the benefits of these innovative Shelf Kits. White and black finishes are a smooth epoxy powder coating.

| CAT. NO. | GLASS SHELF SIZE | SHELF COLOR | ANCHOR FINISH |
|---|---|---|---|
| 89BRC1212 | 12" x 12" (305 x 305 mm) | Clear | Brass |
| 89CHRC1212 | 12" x 12" (305 x 305 mm) | Clear | Chrome |
| 89WHC1212 | 12" x 12" (305 x 305 mm) | Clear | White |
| 89BLKC1212 | 12" x 12" (305 x 305 mm) | Clear | Black |

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

## CRL Corner Cable Glass Shelf Kits

**ONLINE** *INSTALLATION RESOURCES*

- Clean, Simple Design
- 3/8" (10 mm) Tempered Glass Shelf Included
- Mounts With Just One Screw
- Available in Two Sizes

**MONOLITHIC TEMPERED GLASS INCLUDED**

CRL's Corner Cable Glass Shelf Kits are great for living and bath areas. The tempered glass has flat polished edges for an elegant appearance. Kit Includes: 3/8" (10 mm) tempered glass, corner cable bracket, washer and screw, extra corner bumpers, and instructions.

| CAT. NO. | GLASS SHELF SIZE | SHELF COLOR | ANCHOR FINISH |
|---|---|---|---|
| 1010CC | 10" x 10" (254 x 254 mm) | Clear | Aluminum |
| 1212CC | 12" x 12" (305 x 305 mm) | Clear | Aluminum |

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

## CRL Corner Shelf Clip Kits

**ONLINE** *INSTALLATION RESOURCES*

- Installs With Just One Screw
- Two Sizes Available
- 3/8" (10 mm) Tempered Glass Shelf Included

**MONOLITHIC TEMPERED GLASS INCLUDED**

The CRL Corner Shelf Clip Kit is an easy and attractive way to utilize wasted corner space in living and bath areas. Simple to install within minutes with just one screw, this shelf adds instant beauty. The 3/8" (10 mm) tempered glass comes with a brite, flat polished edge all around. Each Kit contains: one clip, 3/8" (10 mm) tempered glass, mounting tape, spacer tabs, a screw, and installation instructions.

| CAT. NO. | GLASS SHELF SIZE | SHELF COLOR | ANCHOR FINISH |
|---|---|---|---|
| 1010SCK | 10" x 10" (254 x 254 mm) | Clear | Satin Chrome |
| 1212SCK | 12" x 12" (305 x 305 mm) | Clear | Satin Chrome |

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

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## CRL Shelf Clip Kits

**ONLINE** INSTALLATION RESOURCES

- Easily Installed With Two Screws
- Holds Up to 80 Pounds (36 kg)
- Three Sizes Available
- 3/8" (10 mm) Tempered Glass Included

**MONOLITHIC TEMPERED GLASS INCLUDED**

Now you can buy one of our most popular selling Shelf Clips complete with 3/8" (10 mm) thick tempered glass included in the Kit. These attractive shelves are available in three popular sizes and will hold up to 80 pounds (36 kg). The tempered glass shelf comes with a bright, flat polished edge on all four sides. Each Kit contains: two clips, 3/8" (10 mm) tempered glass, mounting tape, spacer tabs, screws, and installation instructions.

| CAT. NO. | GLASS SHELF SIZE | GLASS THICKNESS | FINISH |
|---|---|---|---|
| 624SCK | 6" x 24" (152 x 610 mm) | 3/8" (10 mm) | Satin Chrome |
| 1024SCK | 10" x 24" (254 x 610 mm) | 3/8" (10 mm) | Satin Chrome |
| 1036SCK | 10" x 36" (254 x 914 mm) | 3/8" (10 mm) | Satin Chrome |

Minimum order: 1 each. For Shelf Hardware only without glass see page 88SC.

## CRL Big Hook Glass Shelf Kit

**ONLINE** INSTALLATION RESOURCES

- 3/8" (10 mm) Tempered Glass Included
- Mounts With Four Screws
- Perfect Shelf for Baths and Salons

**MONOLITHIC TEMPERED GLASS INCLUDED**

CRL's Big Hook Glass Shelf Kit is ideal for baths and salons. The large hooks at the bottom of the shelf bracket provide for hanging towels or robes. The tempered glass comes with a flat polish on all four edges for an elegant appearance. Kit includes: 3/8" (10 mm) tempered glass, two Big Hook Brackets, four screws with wall anchors. When installed properly the shelf can hold up to 60 pounds (27 kg).

| CAT. NO. | GLASS SHELF SIZE | GLASS THICKNESS | FINISH |
|---|---|---|---|
| 624BHK | 6" x 24" (152 x 610 mm) | 3/8" (10 mm) | Satin Chrome |

Minimum order: 1 each.

## CRL Also Has a Large Selection of Shelf Standards and Brackets

- Easy to Install Designs for Wall or Mirror Mount Installations
- Aluminum, Steel or Clear Polycarbonate Construction

CRL offers a variety of adjustable shelf hardware and design configurations. Standard Bracket choices range from lightweight aluminum to heavy-duty anochrome steel and even crystal clear polycarbonate. Any style you choose is available in a variety of lengths and finishes to provide long lasting, strong, and secure shelving. For additional information please reference our web site at **crlaurence.com/shelf-hardware**.

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# STANDOFF
## AND CLAMP HARDWARE

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**CRL STANDOFF SYSTEMS**
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**CRL SRS STANDOFF RAILING SYSTEM**
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**CRL SWIVEL FITTINGS**
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**CRL GLASS CLAMPS**
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**CRL MALL FRONT CLAMPS**
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**CRL CABLE AND ROD DISPLAY SYSTEMS**
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**CRL DELUXE SHOWCASES**
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**CRL TEMPERED GLASS DISPLAYS
AND HARDWARE**
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**CRL SHELF HARDWARE**
PAGES 85SC TO 95SC

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