

CRL Glass Clamps for Frameless Shower Enclosures

- For the Truly "All-Glass" Appearance of a Frameless Shower Enclosure
- Various Designs to Assist in Matching CRL Shower Door Hinge Configurations
- Wall Mount, Glass-to-Glass, Transom and Specialty Clamps for Most Any Application
- Over 20 Stock Finishes in Some Models, With Custom Finishes Available Upon Request
- Solid Brass Construction

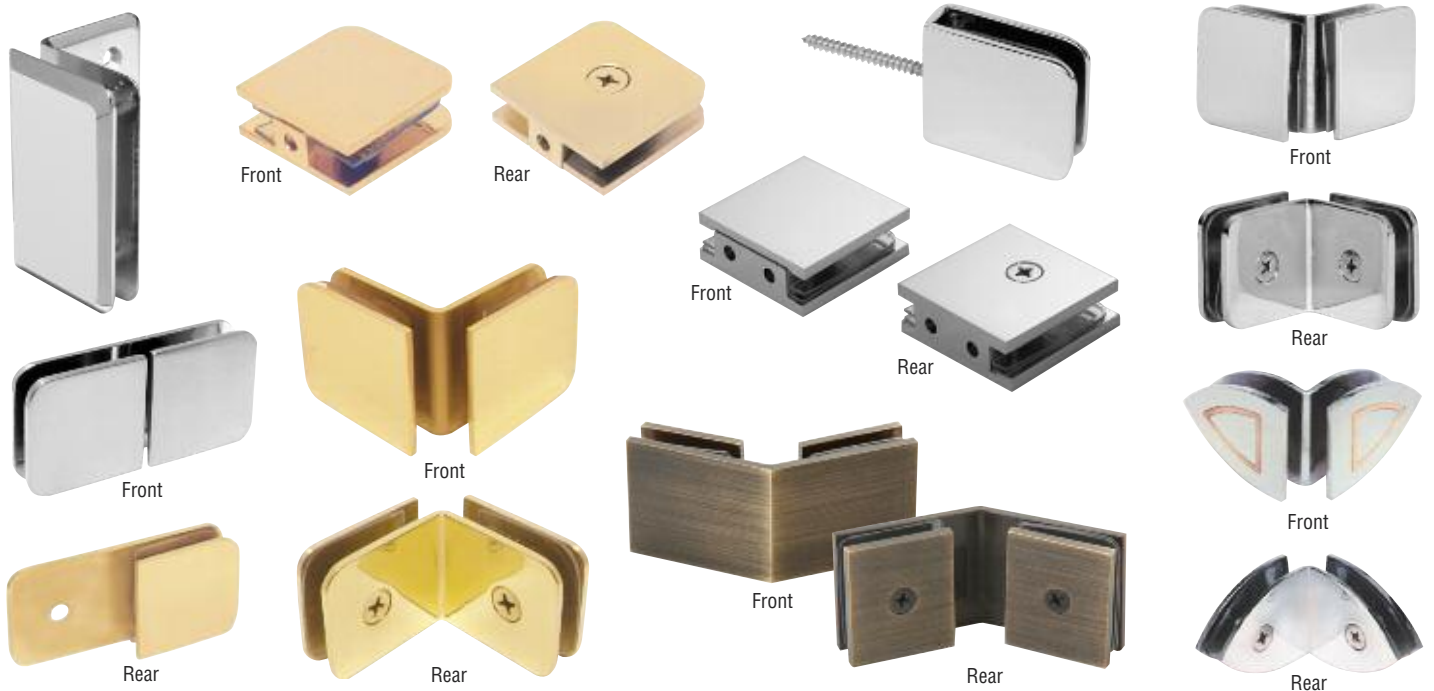


CRL Glass Clamps present a more modern and alternative method of securing vertical lites of glass in frameless shower enclosures. Clamps generally require holes or a notch in the glass, thus truly acting as a mechanical fastener. Therefore, while serving this practical function, they assist in perpetuating the 'all-glass' appearance preferred by many designers, architects, and homeowners. U-Clamps for fixed panels, Glass-to-Glass Clamps for joining fixed panels at various angles, as well as Specialty and Transom Clamps complete a product line that allows the use of these Clamps to assist in most any frameless shower application.

Why Would You Want to Use Glass Clamps to Secure Fixed Panels, Instead of Traditional U-Channel?

The answer to this question is basically a matter of aesthetics and individual customer preference. It is always interesting that while these modern shower enclosures are referred to as "frameless", by installing U-Channel around the fixed panels you are actually starting to give the shower a "framed" appearance. By utilizing the range of CRL Glass Clamps available, the enclosure can have more of a truly 'all-glass', or "frameless" appearance, while maintaining a high level of safety.

Fixed Panel U-Clamps, Glass-to-Glass Clamps, Transom Clamps, and Specialty Clamps for Most Any Frameless Shower Application



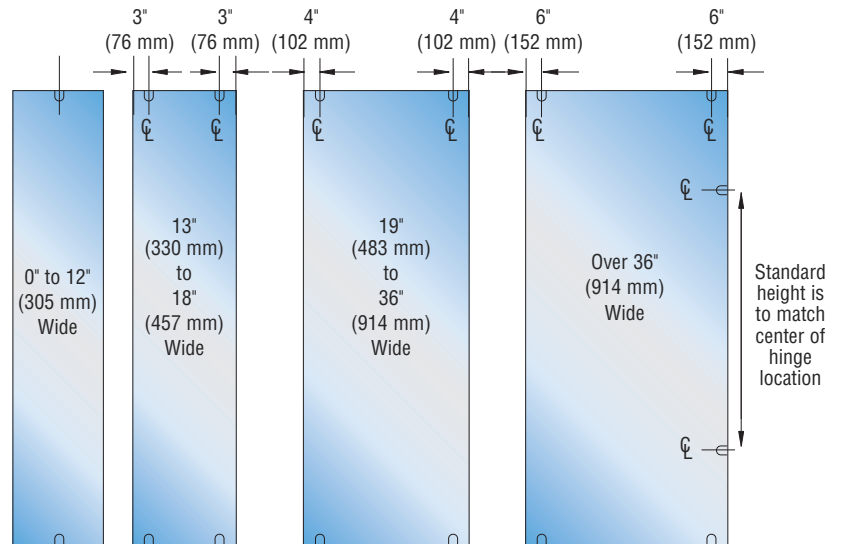
CRL Guidelines for Glass Clamp Positioning

Top and Bottom Placement

In most Clamp installations the top or bottom placement fall under these recommended guidelines.

Depending on the design and symmetry of the shower enclosure, CRL Glass Clamps can be positioned in a variety of locations. However, you should never place the design above the structural strength of the unit. With a little planning you can generally accomplish both feats.

The diagrams to the right were developed as guidelines to assist with proper positioning of our Glass Clamps. As always, if you have any questions concerning Clamp placement, contact our Shower Technical Sales Department for design assistance.



Panel Width

0 to 12" (305 mm)

13" (330 mm) to 18" (457 mm)

19" (483 mm) to 36" (914 mm)

Over 36" (914 mm)

Clamp Location (To Center-Line of Hole)

Location depends on installation conditions, but at least one Clamp is always recommended.

Two Clamps recommended, located 3" (76 mm) in from each vertical edge.

Two Clamps recommended, located 4" (102 mm) in from each vertical edge.

Two Clamps recommended, located 6" (152 mm) in from each vertical edge.



Side Placement

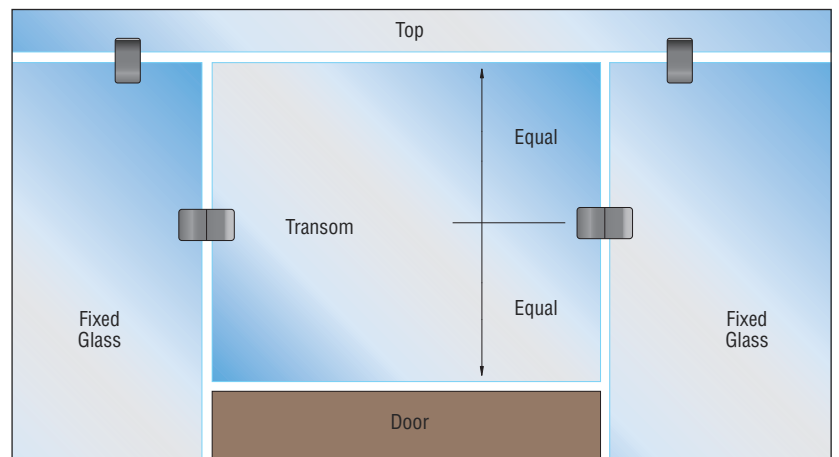
Side placement of the Clamps depends on installation conditions, but most of the time the placement location matches Hinges or some other hardware to achieve symmetry. At least one Clamp should be positioned near the top, unless a header is used.



CAT. NO. SDT21

Movable Transom Clamp Placement

Transom Clamps should be perfectly centered to provide a "teeter-totter" effect to the moving panel.



Complete Glass Clamp Installation Details are shown in our Cat. No. SDT21 Frameless Shower Door Guide. Contact your CRL Sales Representative to purchase this over 800 page Guide to Design Criteria, Glass Fabrication, Installation Details, and a complete set of Templates for CRL Frameless Shower Door Hardware. Or you may contact our Shower Technical Sales Department for individual assistance with your project.