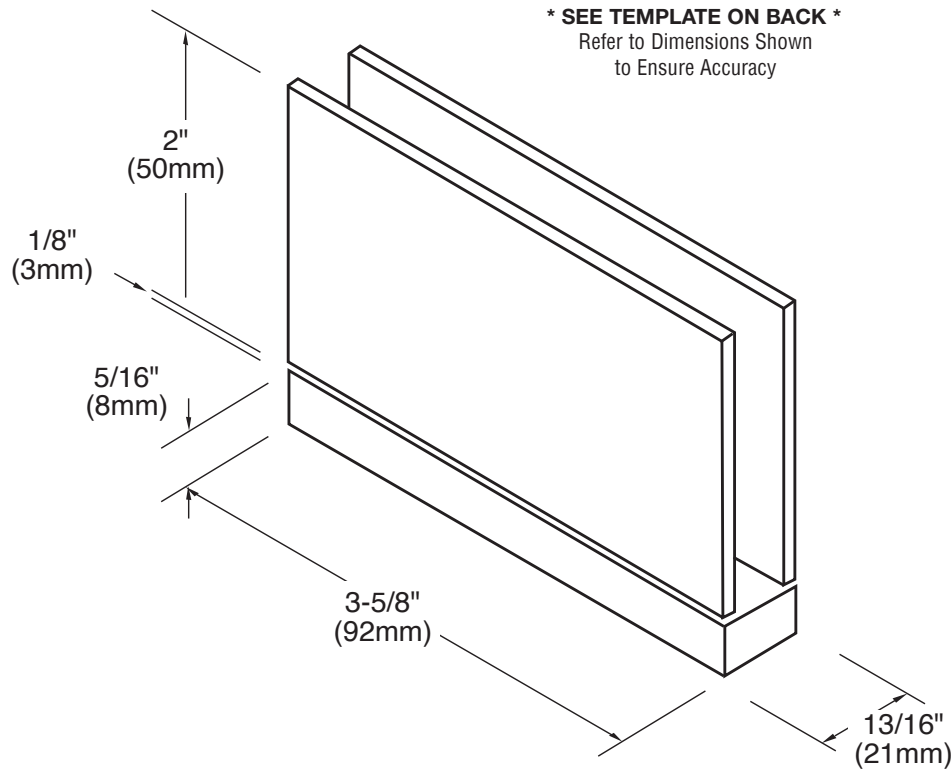




## CARDIFF

Top or Bottom Mount Hinge

CAT. NO. CAR01

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

### Important Information:

**Template Options:** The Top or Bottom Mount CAR01 Hinge offers numerous choices of templates. Refer to the lower left hand corner of this page for the various selections. If using an Edge Mount Template, the capabilities of your temperer may determine your choice of Preferred or Alternate Methods. The Preferred Method has a full leg cutout that allows a full length vertical seal on the hinge side. The Alternate Methods all have a short leg cutout, resulting in an interrupted seal.

The Inset Mount Template is beneficial for two reasons. It allows a full length vertical seal. Also, by inseting the hinge a certain distance towards the center of the door, it enables the door to avoid hitting a towel bar, or some other protrusion from the wall.

**Vertical Clearances:** If using the Top or Bottom Mount CAR01 Hinges with the CRL Deluxe Header Kit, DISREGARD the suggested top clearance instructions shown on these templates. For vertical deductions using the Header Kit, refer to page 2-22 in Section 2.

**Optional Pivot Pins:** Optional 5° Pivot Pins (Cat. No. PIVPIN) are sold as a set, one pin for the top hinge and one pin for the bottom hinge. These 5° offset Pivot Pins allow the installer to adjust the closing position of the door 5° inwards or outwards.

### Specifications:

Glass Sizes: 5/16" (8mm) to 3/8" (10mm) thick tempered safety glass  
Construction: Solid brass  
Closing Type: Self-centering when within 15° of closed position  
Includes: Gaskets, screws and template

**Max Clamping Screw Torque: 60-70 lbf-in (677.99.790.9 cN-m)**

### Maximum Door Capacities for Two Hinges

Maximum Door Weight: 100 lbs.(46 kg)  
Maximum Door Width: 31"(787mm)

### Use of Gaskets:

For 5/16"(8mm) Glass: Use one thick gasket and one thin gasket on each side  
For 3/8"(10mm) Glass: Use one thick gasket on each side

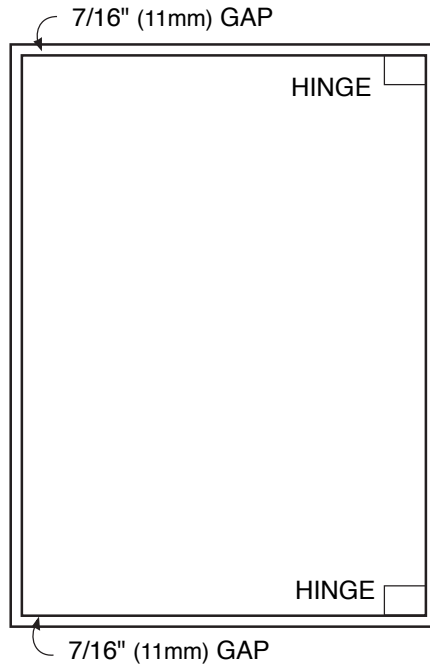
### Recommendations:

For public safety, we recommend the use of only tempered safety glass. Do not use power tools when installing these hinges.

### Maintenance Guidelines:

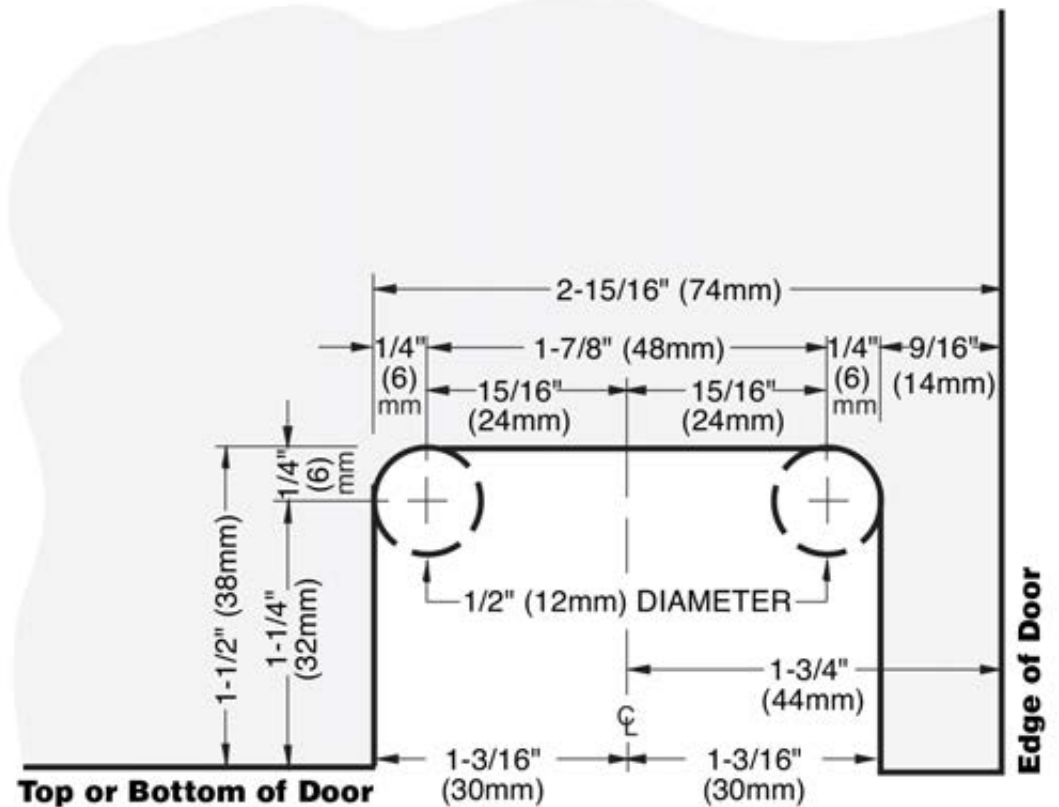
- Never use an abrasive cleaner on the hardware. Many of the components are coated with a clear lacquer that will be irreparably damaged if subjected to harsh, abrasive chemicals. Advise your customer that drying the hardware with a clean, soft towel on a daily basis is the best way to maintain the hardware. If mineral deposits build-up, mix a couple of drops of a mild liquid soap (such as Ivory or a similar product) into a cup of warm water. Using a soft, non-abrasive cloth, clean the hardware. Rinse thoroughly with clean, warm water and dry.

**Note:** Disregard vertical clearances shown if using CRL Deluxe Header Kit. See page 2-22 for vertical deductions.



ALWAYS USE DIMENSIONS  
TO ENSURE ACCURACY

**IMPORTANT:** Project measurements from the edge of the glass.



## CARDIFF

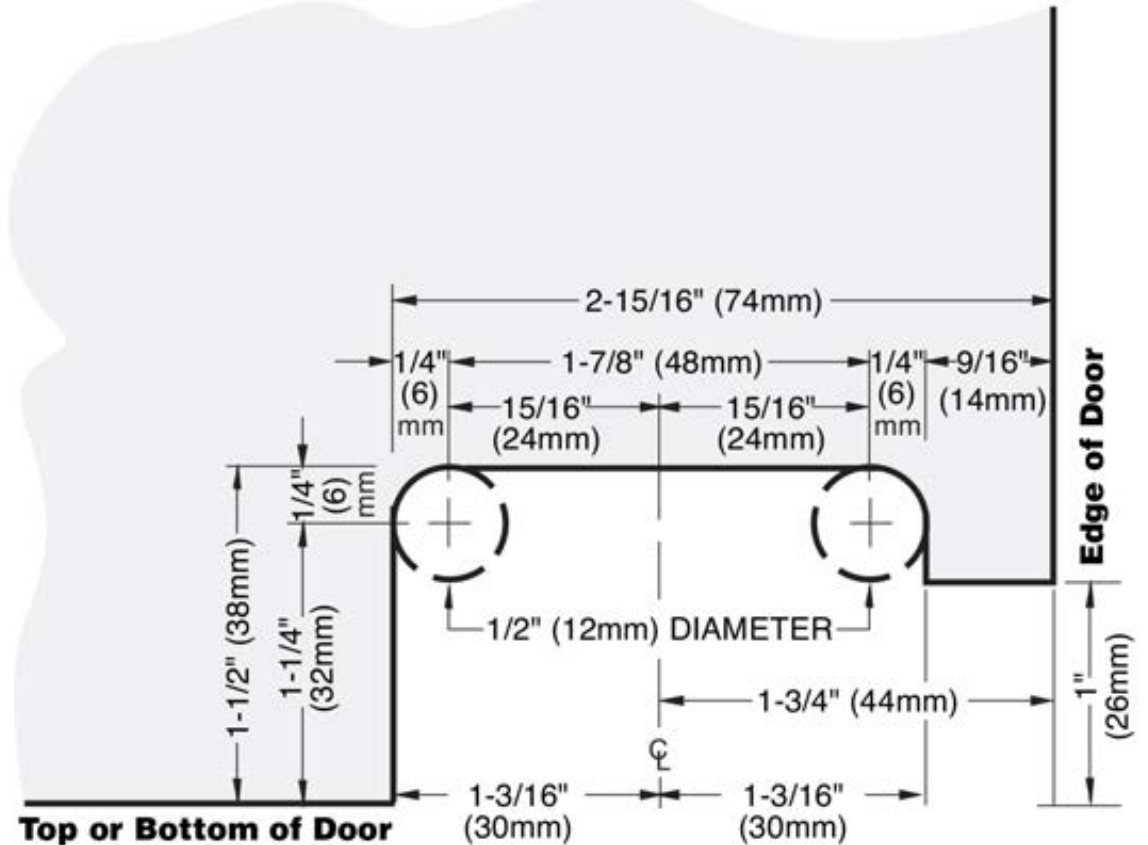
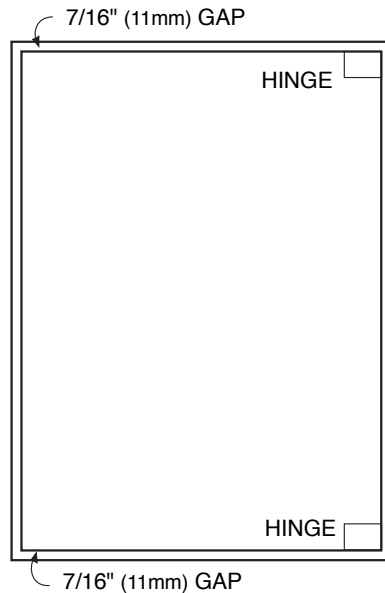
Top or Bottom Mount Hinge

CAT. NO. CAR01

Edge Mount Preferred Method 7/16" (11mm) Clearance

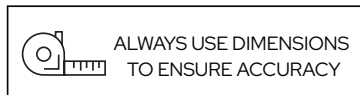
**IMPORTANT:** Project measurements from the edge of the glass.

**Note:** Disregard vertical clearances shown if using CRL Deluxe Header Kit. See page 2-22 for vertical deductions.



**Top or Bottom of Door**

**Edge of Door**



## CARDIFF

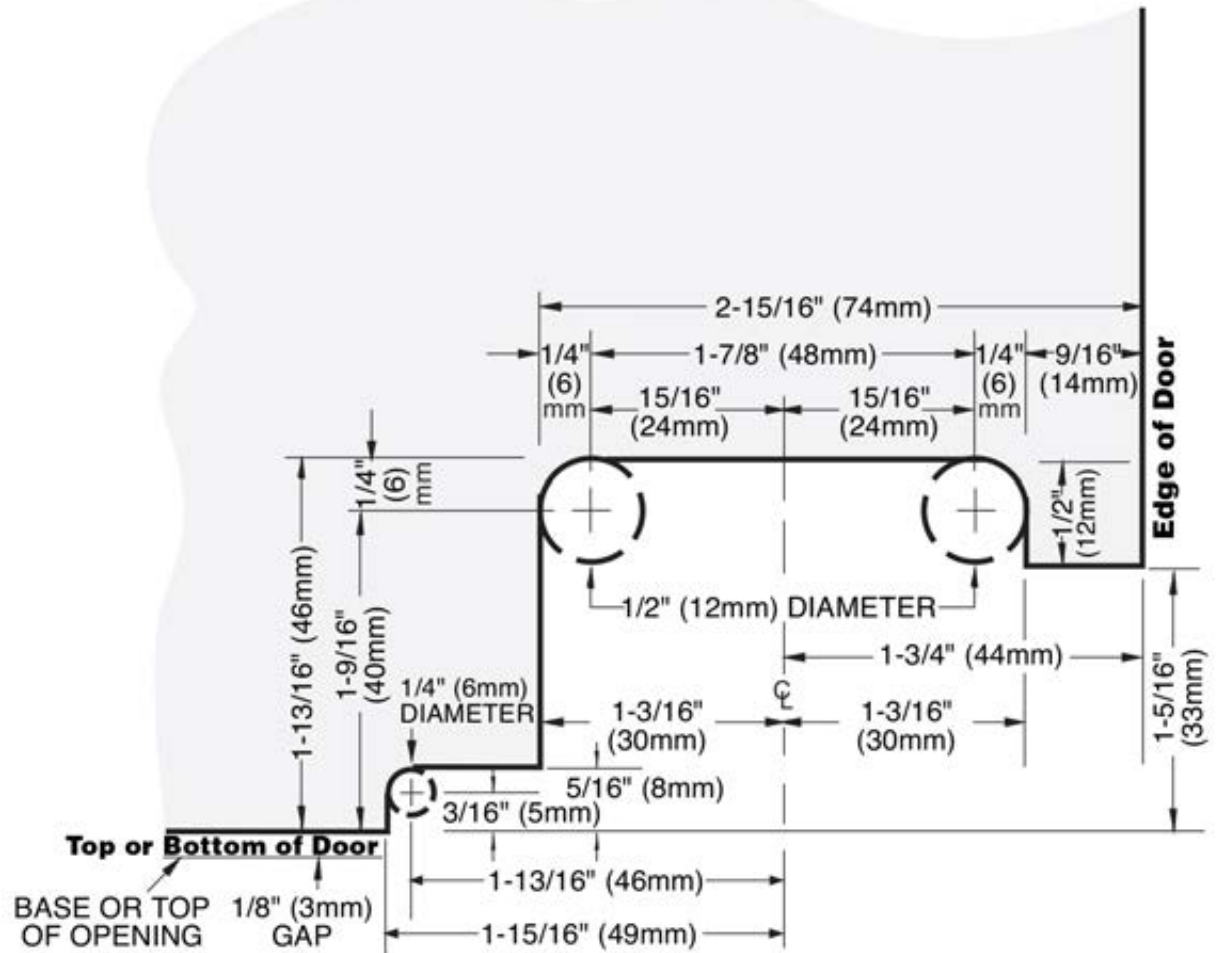
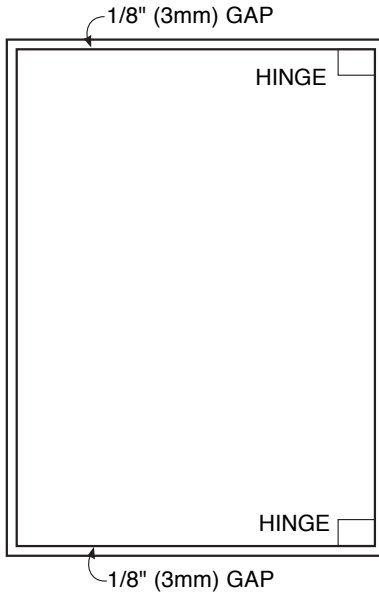
Top or Bottom Mount Hinge

CAT. NO. CAR01

Edge Mount Alternate Method  $7/16"$  (11mm) Clearance

**IMPORTANT:** Project measurements from the edge of the glass.

**Note:** Disregard vertical clearances shown if using CRL Deluxe Header Kit. See page 2-22 for vertical deductions.



ALWAYS USE DIMENSIONS  
TO ENSURE ACCURACY

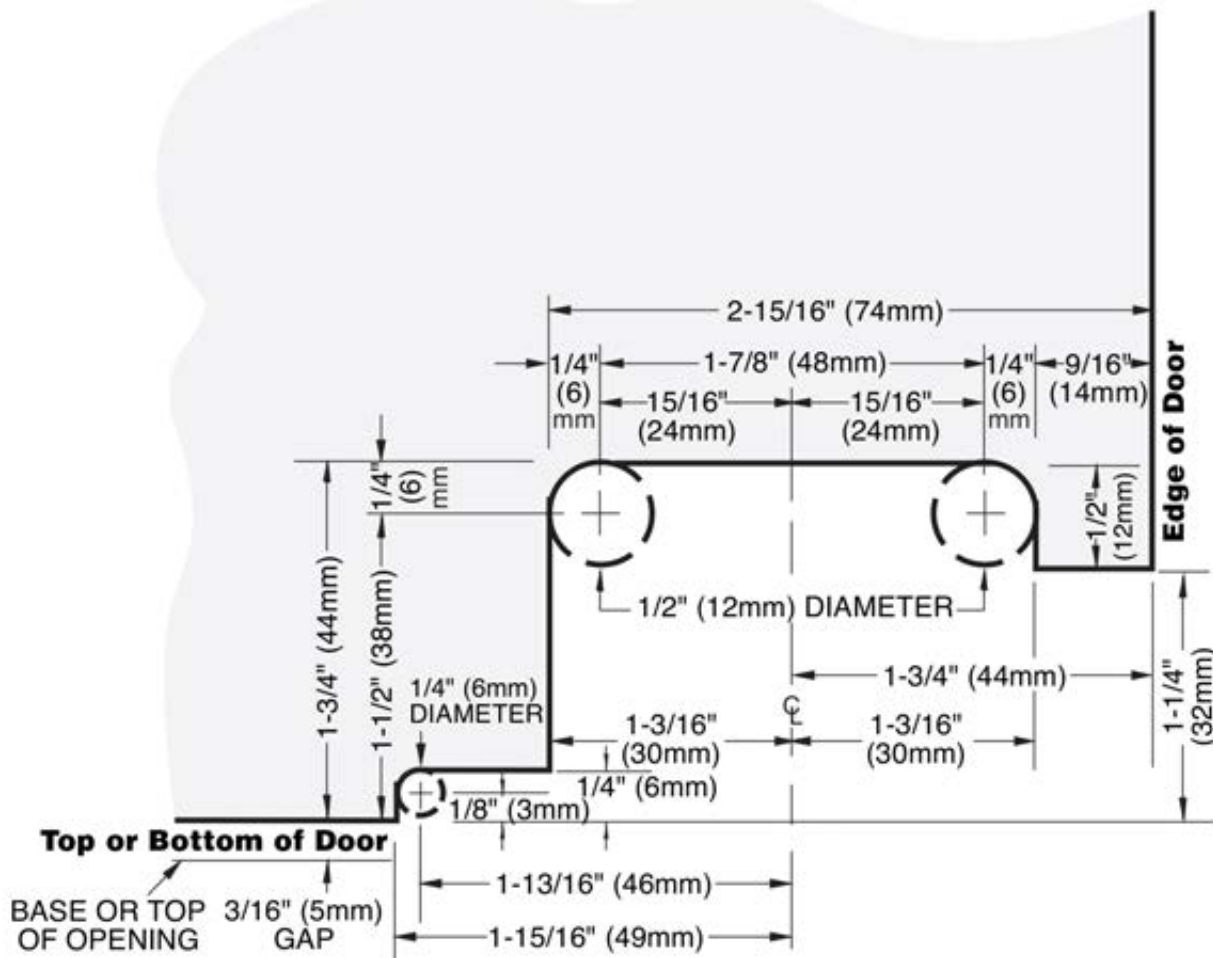
**CARDIFF**

## Top or Bottom Mount Hinge

CAT. NO. CAR01

### Edge Mount Alternate Method 1/8" (3mm) Clearance

Diagram illustrating the assembly of a rectangular panel. The panel is shown with two hinges, labeled "HINGE", positioned at the top right and bottom right corners. The panel is surrounded by a frame, and the gap between the panel and the frame is indicated as  $3/16"$  (5mm) GAP at the top and bottom edges.



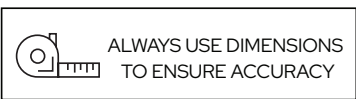
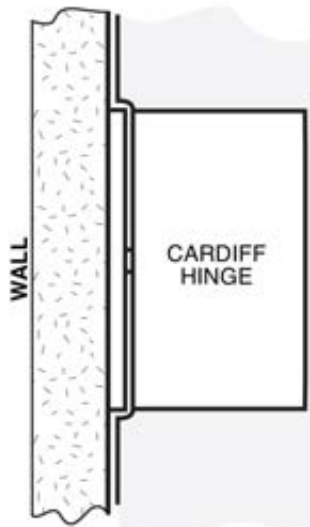
### Edge Mount Alternate Method 3/16" (5mm) clearance

Diagram illustrating the assembly of a rectangular panel. The panel is shown with two hinges, labeled "HINGE", attached to its top and bottom edges. The distance between the hinges is indicated as "HINGE". The gap between the panel and the frame is labeled "3/16" (5mm) GAP".

The diagram illustrates the dimensions for mounting a door handle. It shows a side view of the handle with two circular knobs. Key dimensions include:

- Top or Bottom of Door:** The mounting surface.
- Knob Diameter:** 1/2" (12mm).
- Knob Spacing:** 1-3/16" (30mm) between the centers of the knobs.
- Mounting Hole Diameter:** 1-1/4" (32mm).
- Mounting Hole Spacing:** 1-7/8" (48mm) between the centers of the mounting holes.
- Mounting Hole Diameter:** 1-1/2" (38mm).
- Edge of Door:** The vertical edge of the door.
- Inset:** Indicated by "?\*" on the right side, showing the distance from the edge of the door to the mounting holes.

Inset Mount Method 7/16" (11mm) clearance



## CARDIFF

Top or Bottom Mount Hinge

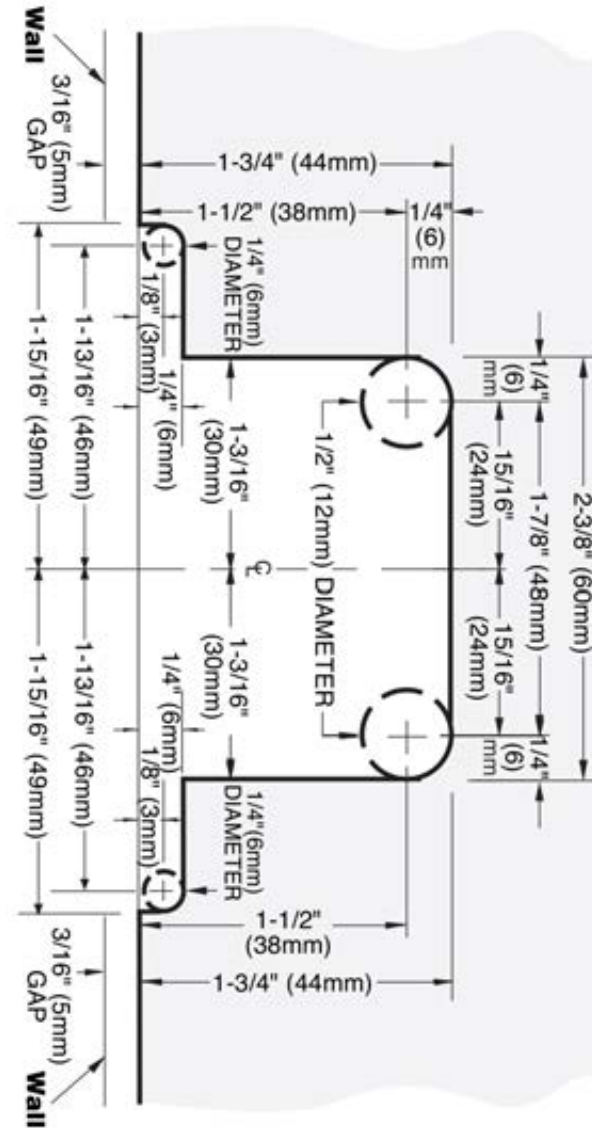
CAT. NO. CAR01

Transom Mount Method 3/16" (5mm) clearance

For Technical Assistance in the United States and Canada 1.800.421.6144. Press 2, then option 1

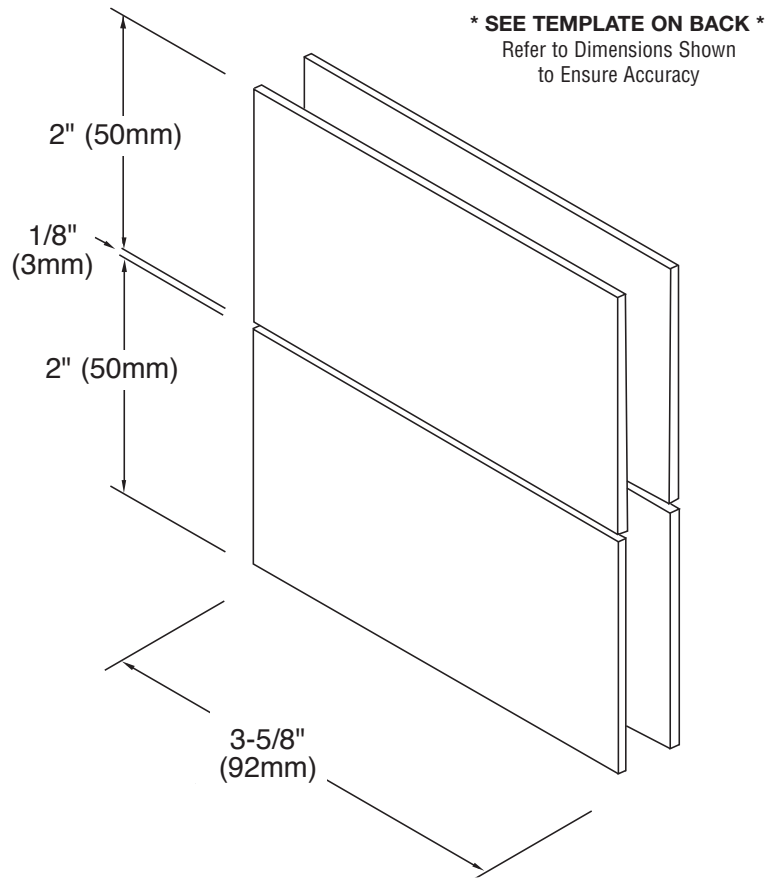
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**IMPORTANT:** Project measurements from the edge of the glass.





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## CARDIFF

Glass-to-Glass Hinge

CAT. NO. CAR02

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

For Technical Assistance in the United States and Canada 1.800.421.6144. Press 2, then option 1

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### Important Information:

**Template Options:** The Glass-to-Glass Mount CAR02 Hinge offers numerous choices of templates. Refer to the lower left hand corner of this page for the various selections. If using an Edge Mount Template, the capabilities of your temperer may determine your choice of Preferred or Alternate Methods. The Preferred Method has a full leg cutout that allows a full length vertical seal on the hinge side. The Alternate Methods all have a short leg cutout, resulting in an interrupted seal.

The Inset Mount Template is beneficial for two reasons. It allows a full length vertical seal. Also, by inseting the hinge a certain distance towards the center of the door, it enables the door to avoid hitting a towel bar, or some other protrusion from the wall.

**Optional Pivot Pins:** Optional 5° Pivot Pins (Cat.. No. PIVPIN) are sold as a set, one pin for the top hinge and one pin for the bottom hinge. These 5° offset Pivot Pins allow the installer to adjust the closing position of the door 5° inwards or outwards.

### Specifications:

Glass Sizes: 5/16" (8mm) to 3/8" (10mm) thick tempered safety glass  
Construction: Solid brass  
Closing Type: Self-centering when within 15° of closed position  
Cutout Required  
Includes: Gaskets, screws and template

### Maximum Door Capacities for Two Hinges

Maximum Door Weight: 100 lbs.(46 kg)  
Maximum Door Width: 31"(787mm)

### Use of Gaskets:

For 5/16"(8mm) Glass: Use one thick gasket and one thin gasket on each side  
For 3/8"(10mm) Glass: Use one thick gasket on each side

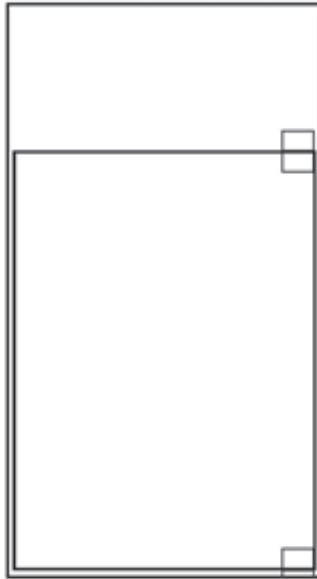
### Recommendations:

For public safety, we recommend the use of only tempered safety glass. Do not use power tools when installing these hinges.

### Maintenance Guidelines:

- Never use an abrasive cleaner on the hardware. Many of the components are coated with a clear lacquer that will be irreparably damaged if subjected to harsh, abrasive chemicals. Advise your customer that drying the hardware with a clean, soft towel on a daily basis is the best way to maintain the hardware. If mineral deposits build-up, mix a couple of drops of a mild liquid soap (such as Ivory or a similar product) into a cup of warm water. Using a soft, non-abrasive cloth, clean the hardware. Rinse thoroughly with clean, warm water and dry.

**IMPORTANT:** Project measurements from the edge of the glass.



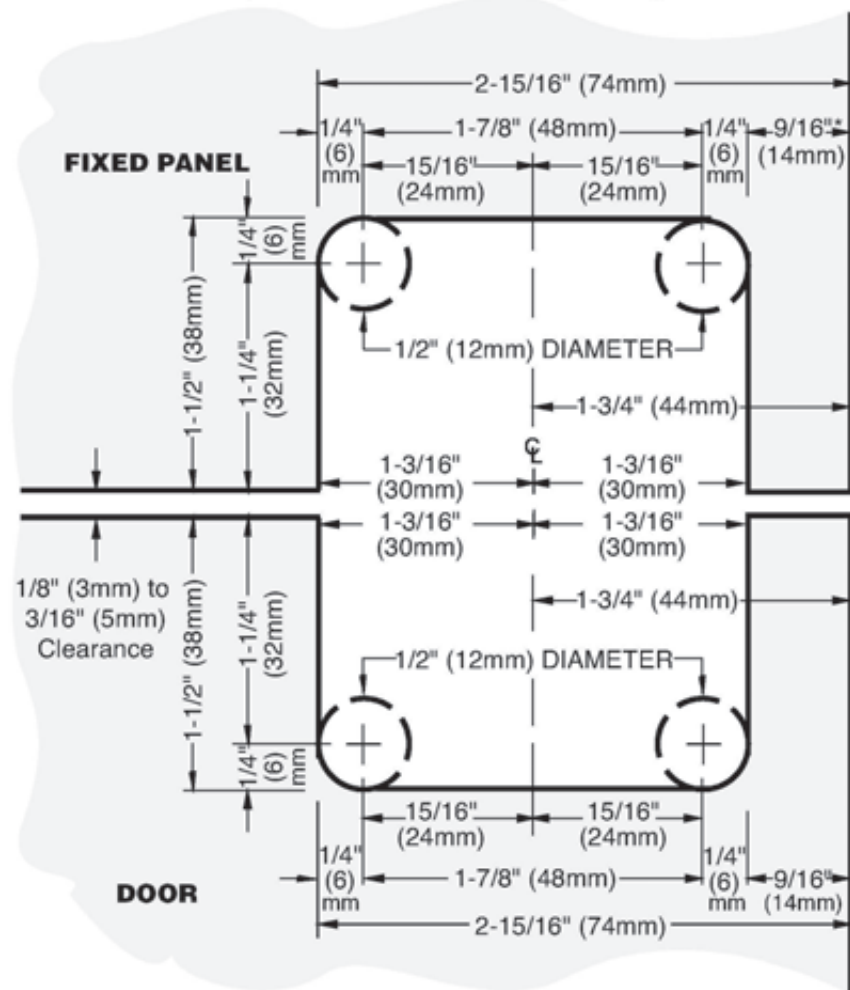
ALWAYS USE DIMENSIONS  
TO ENSURE ACCURACY

## CARDIFF

Glass-to-Glass Hinge

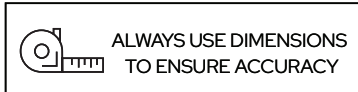
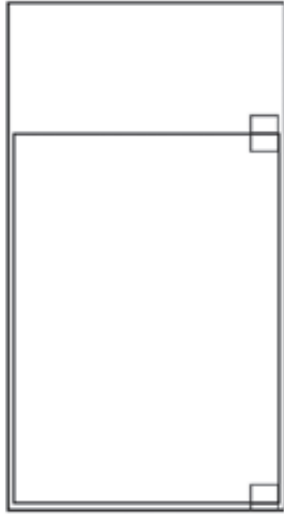
CAT. NO. CAR02

Edge Mount Preferred Method 1/8" (3mm) to 3/16" (5mm) clearance



\* The 9/16" (14mm) measurement is ok as long as the fixed panel side clearance is the same as the door side clearance. If not, make the appropriate add-on or deduction.

**IMPORTANT:** Project measurements from the edge of the glass.

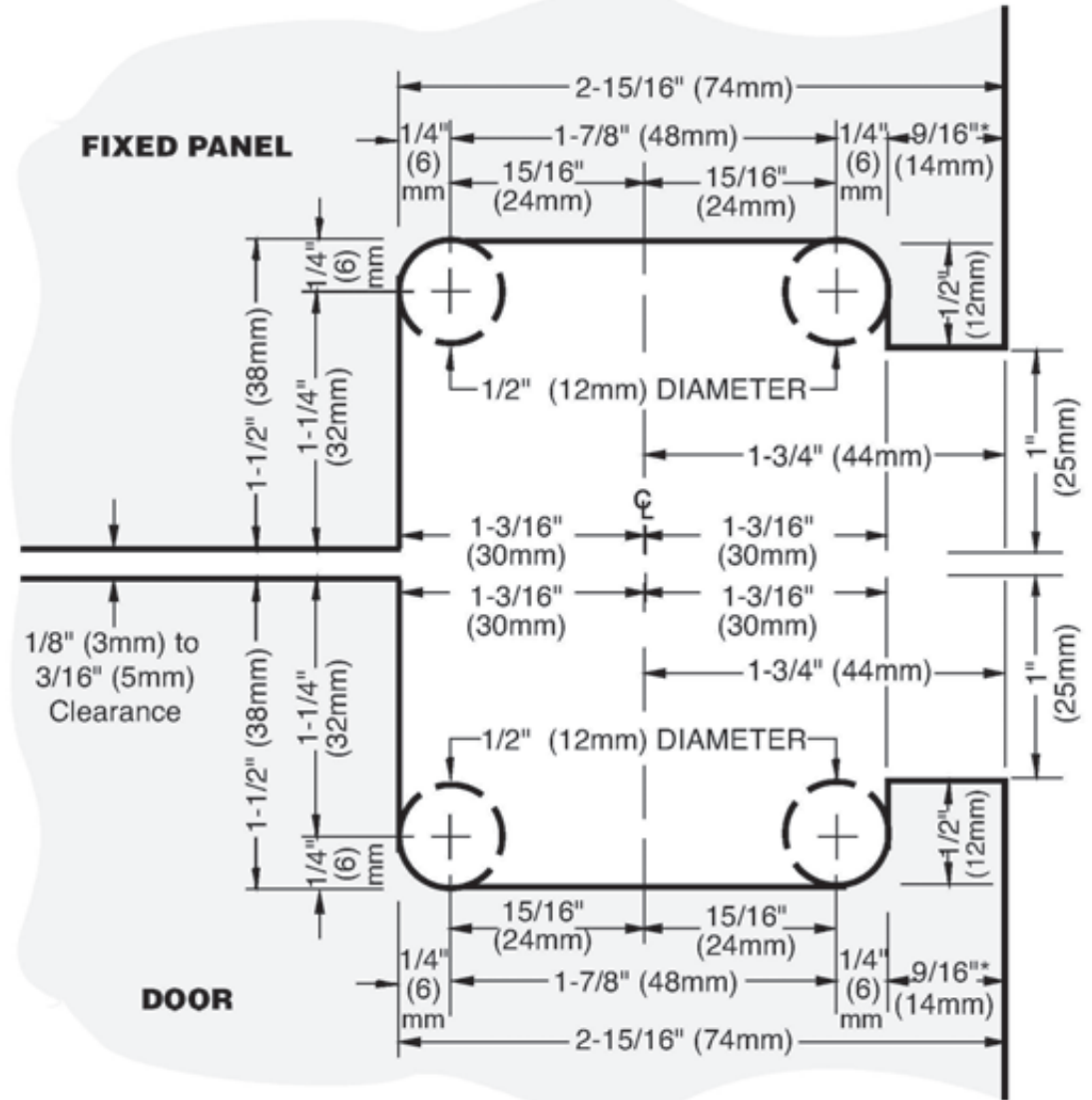


**CARDIFF**

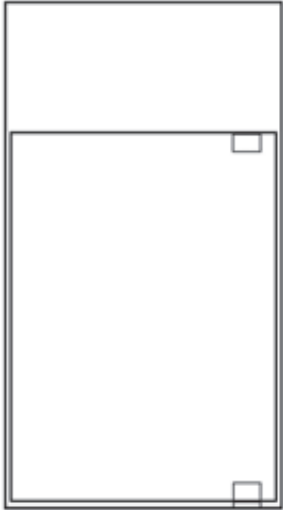
## Glass-to-Glass Hinge

CAT. NO. CAR02

### Edge Mount Alternate Method 1/8" (3mm) to 3/16" (5mm) clearance



**IMPORTANT:** Project measurements from the edge of the glass.



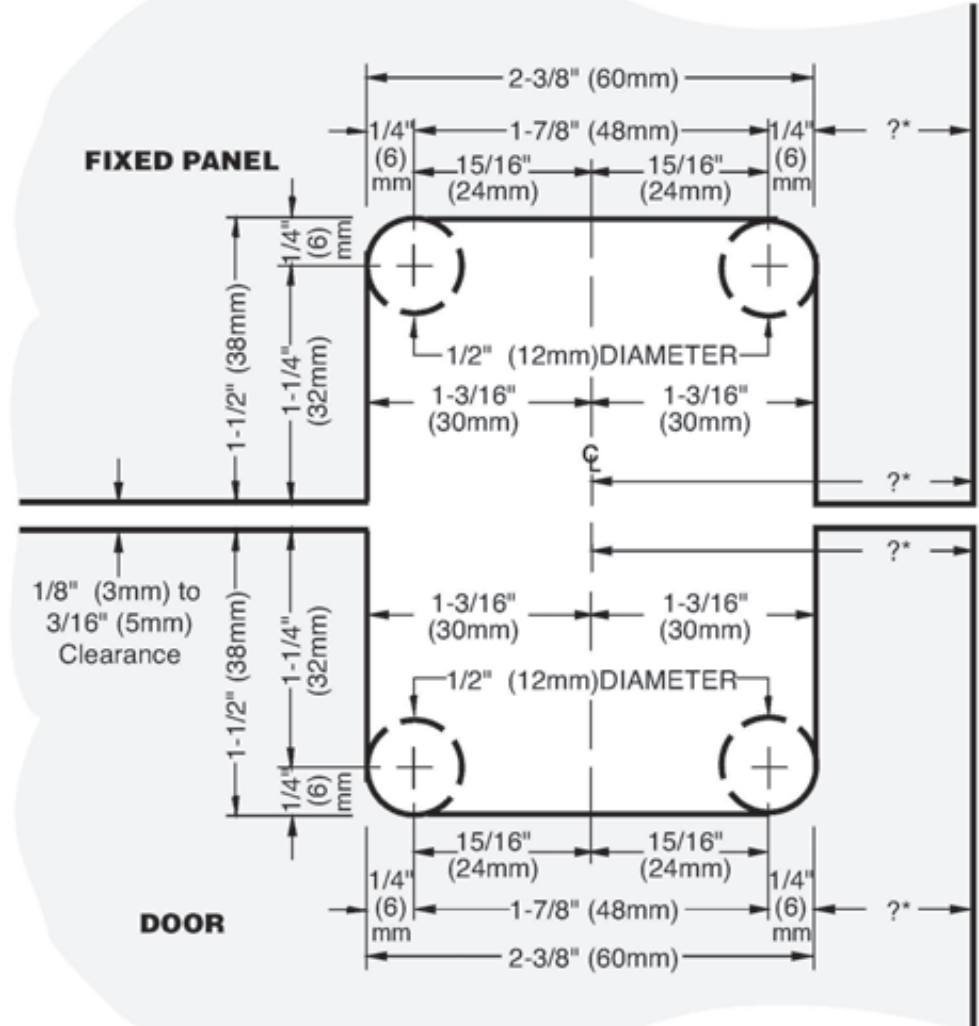
ALWAYS USE DIMENSIONS  
TO ENSURE ACCURACY

## CARDIFF

Glass-to-Glass Hinge

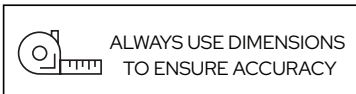
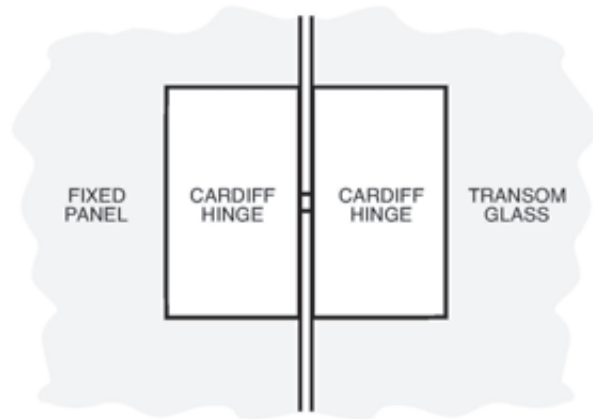
CAT. NO. CAR02

Inset Mount Method 1/8" (3mm) to 3/16" (5mm) clearance



\*This measurement varies depending on the amount of inset you desire.

**IMPORTANT:** Project measurements from the edge of the glass.

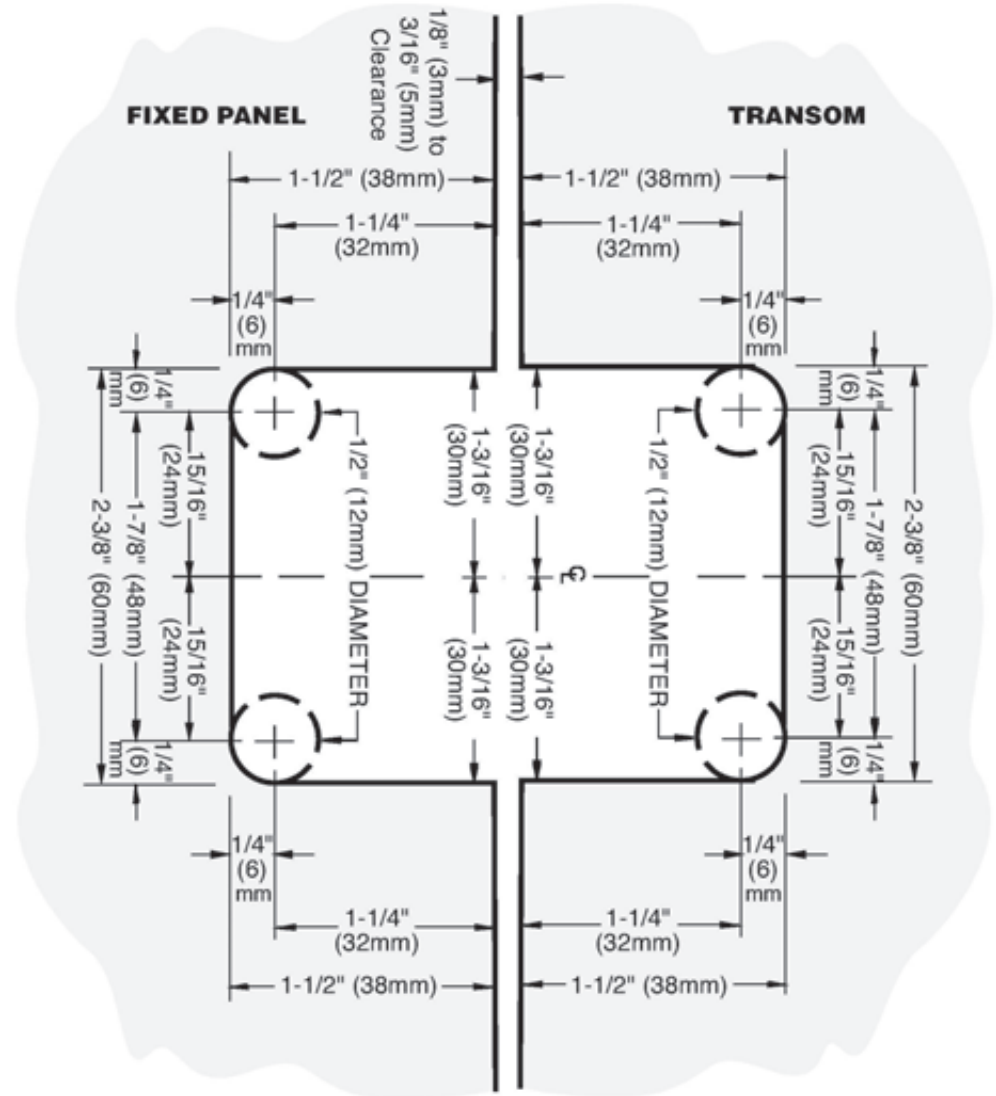


## CARDIFF

Glass-to-Glass Hinge

CAT. NO. CAR02

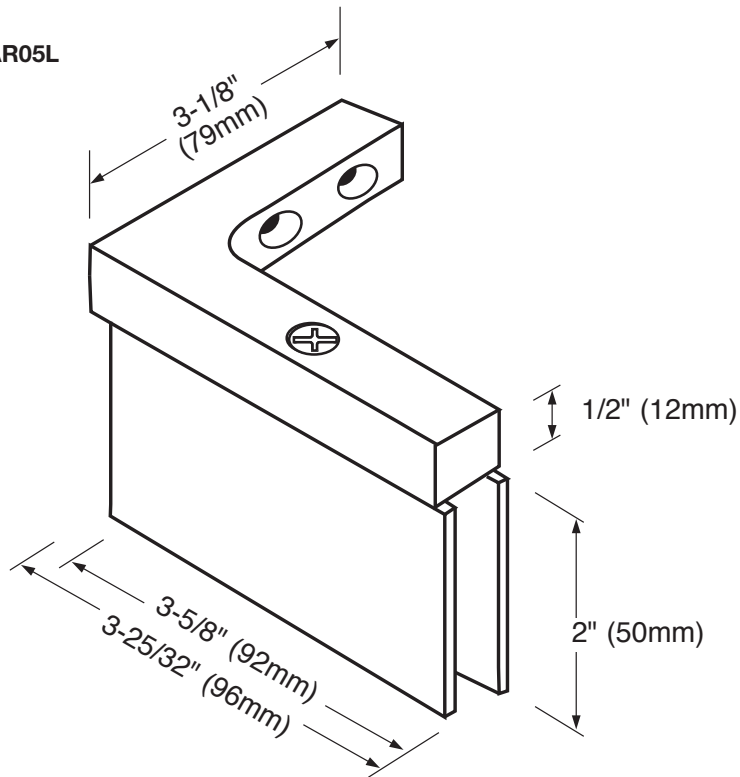
Transom Mount Method 3/16" (5mm) clearance





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Model CAR05L  
Shown



## CARDIFF

Wall Mount Hinge

CAT. NO. CAR05L & CAR05R

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

### Important Information:

**Template Options:** The Cardiff Wall Mount CAR05L or CAR05R Hinge offers two template options, depending upon the capabilities of the temperer (see lower left of this page). The Preferred Method allows a full vertical seal along the hinge side. The Alternate Method leaves a short leg of glass, thus not allowing a full length vertical seal.

**Optional Pivot Pins:** Optional 5° Pivot Pins (Cat. No. PIVPIN) are sold as a set, one pin for the top hinge and one pin for the bottom hinge. These 5° Offset Pivot Pins allow the installer to adjust the closing position of the door 5° inwards or outwards.

### Specifications:

|                 |                                                        |
|-----------------|--------------------------------------------------------|
| Glass Sizes:    | 5/16" (8mm) to 3/8" (10mm) thick tempered safety glass |
| Construction:   | Solid brass                                            |
| Closing Type:   | Self-centering when within 15° of closed position      |
| Cutout Required |                                                        |
| Includes:       | Gaskets, screws and template                           |

### Maximum Door Capacities for Two Hinges

|                      |                 |
|----------------------|-----------------|
| Maximum Door Weight: | 100 lbs.(46 kg) |
| Maximum Door Width:  | 31"(787mm)      |

### Use of Gaskets:

For 5/16"(8mm) Glass: Use one thick gasket and one thin gasket on each side  
For 3/8"(10mm) Glass: Use one thick gasket on each side

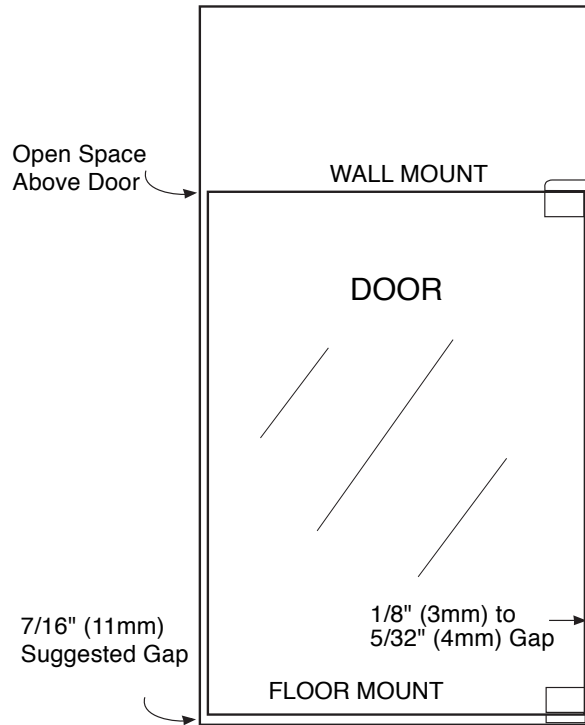
### Recommendations:

For public safety, we recommend the use of only tempered safety glass. Do not use power tools when installing these hinges.

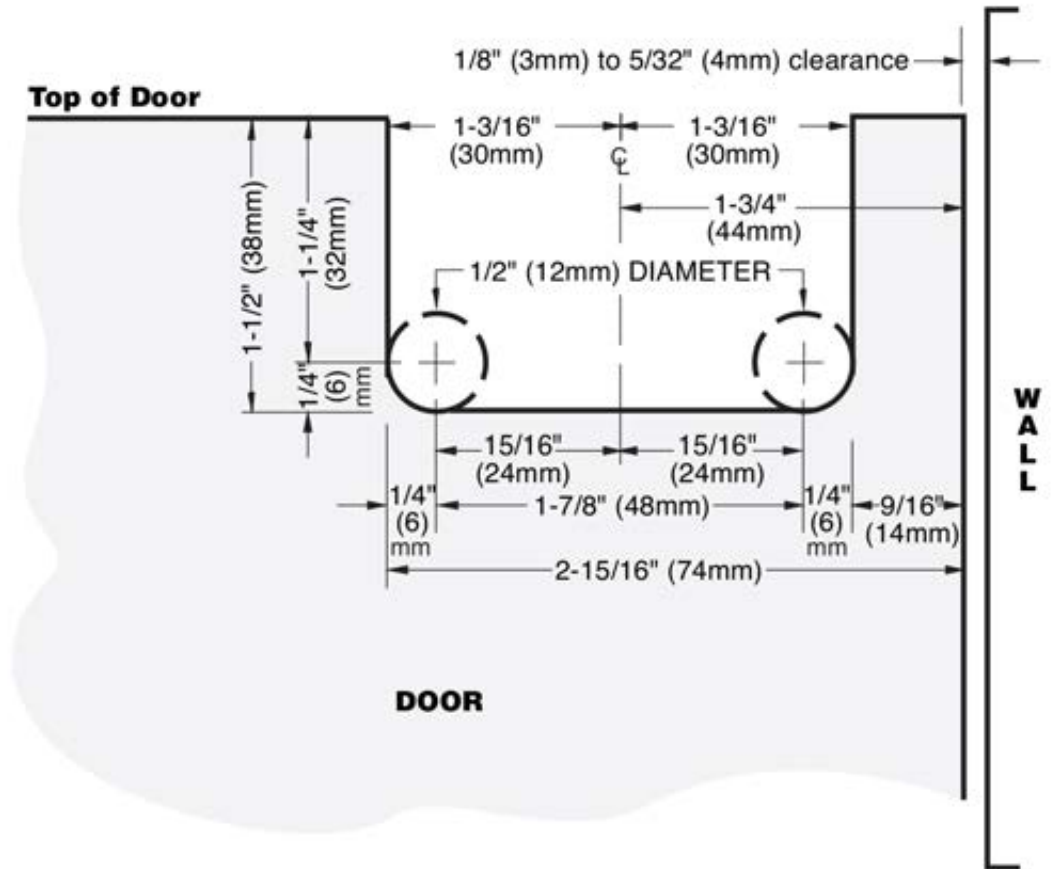
### Maintenance Guidelines:

- Never use an abrasive cleaner on the hardware. Many of the components are coated with a clear lacquer that will be irreparably damaged if subjected to harsh, abrasive chemicals. Advise your customer that drying the hardware with a clean, soft towel on a daily basis is the best way to maintain the hardware. If mineral deposits build-up, mix a couple of drops of a mild liquid soap (such as Ivory or a similar product) into a cup of warm water. Using a soft, non-abrasive cloth, clean the hardware. Rinse thoroughly with clean, warm water and dry.

**IMPORTANT:** Project measurements from the edge of the glass.



ALWAYS USE DIMENSIONS  
TO ENSURE ACCURACY



## CARDIFF

Wall Mount Hinge

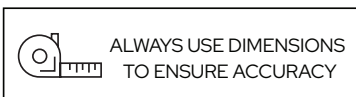
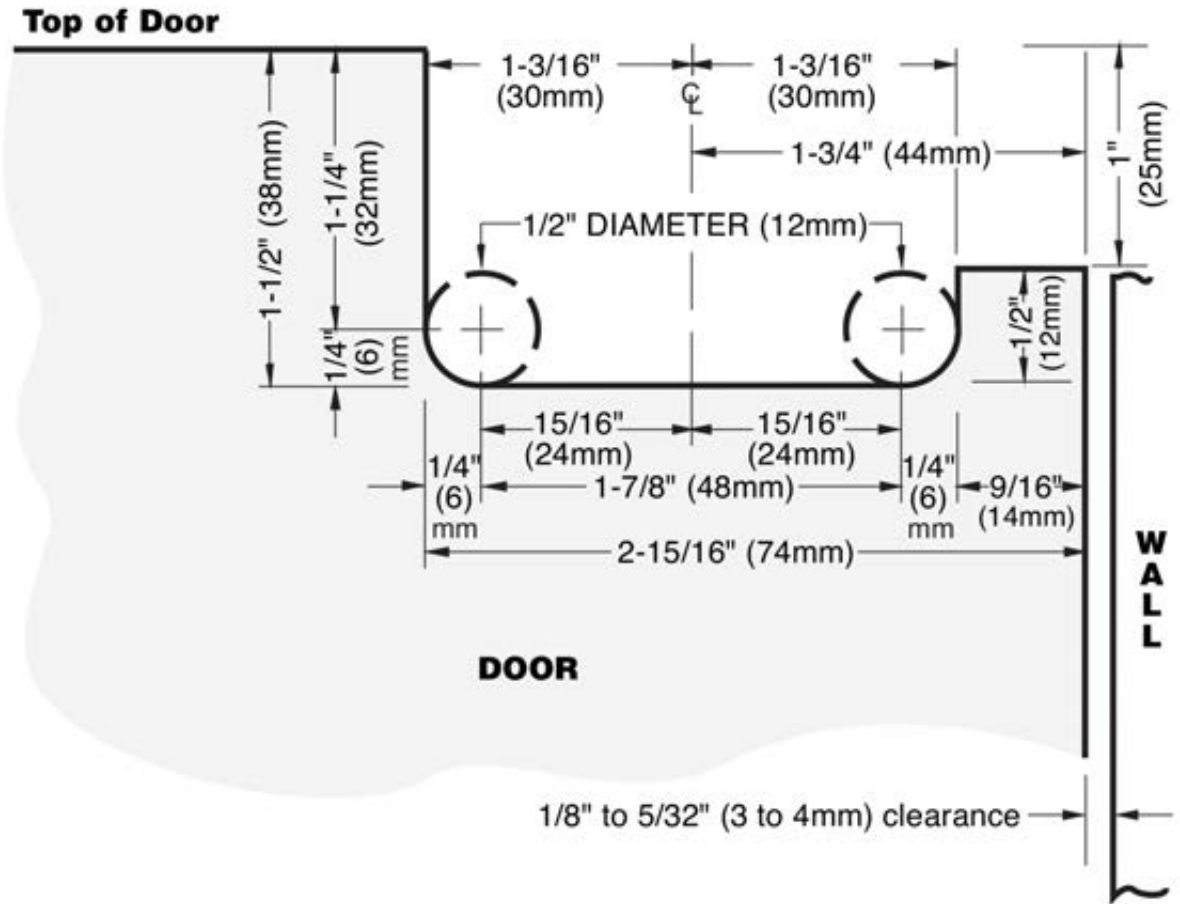
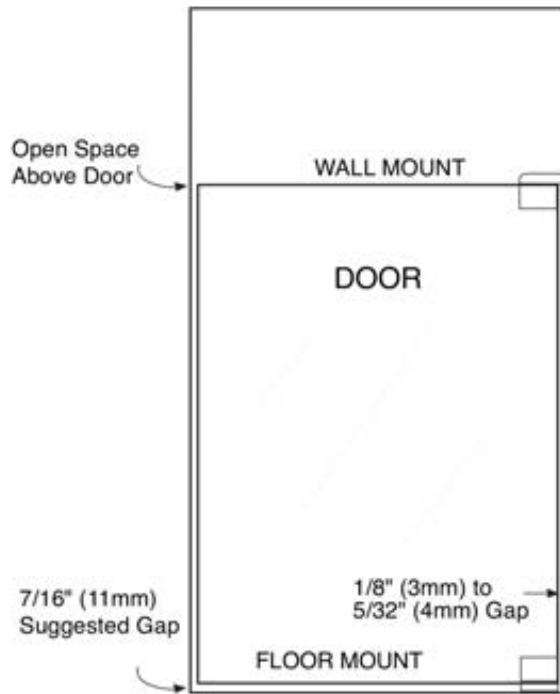
CAT. NO. CAR05L & CAR05R

Wall Mount Preferred Method (Even with top of door)

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**IMPORTANT:** Project measurements from the edge of the glass.



## CARDIFF

Wall Mount Hinge

CAT. NO. CAR05L & CAR05R

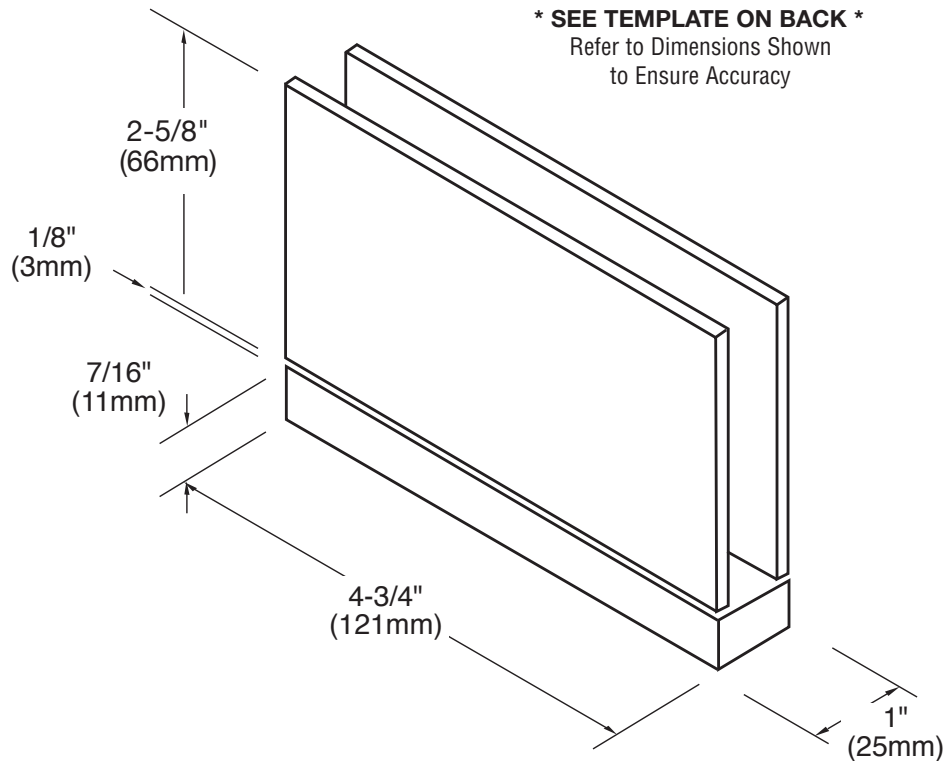
Wall Mount Alternate Method (Even with top of door)

For Technical Assistance in the United States and Canada 1.800.421.6144. Press 2, then option 1

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## SENIOR CARDIFF

Top or Bottom Mount Hinge

CAT. NO. SRCAR01

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

### Important Information:

**Template Options:** The Top or Bottom Mount SRCAR01 Hinge offers two choices of templates. Refer to the lower left hand corner of this page for the selections. The Edge Mount Template has a full leg cutout that allows a full length vertical seal on the hinge side.

The Inset Mount Template enables the door to avoid hitting a towel bar, or some other protrusion from the wall.

**Optional Pivot Pins:** Optional 5° Pivot Pins (Cat. No. SRPIVP1N) are sold as a set, one pin for the top hinge and one pin for the bottom hinge. These 5° offset Pivot Pins allow the installer to adjust the closing position of the door 5° inwards or outwards.

### Specifications:

|                 |                                                   |
|-----------------|---------------------------------------------------|
| Glass Sizes:    | 1/2" (12mm) thick tempered safety glass           |
| Construction:   | Solid brass                                       |
| Closing Type:   | Self-centering when within 15° of closed position |
| Cutout Required |                                                   |
| Includes:       | Gaskets, screws and template                      |

### Maximum Door Capacities for Two Hinges

|                      |                  |
|----------------------|------------------|
| Maximum Door Weight: | 145 lbs. (66 kg) |
| Maximum Door Width:  | 36" (914mm)      |

### Use of Gaskets:

For 1/2" Glass: Use one thin gasket on one side and one thick gasket on the other side

For 12mm Glass: Use one thick gasket on both sides

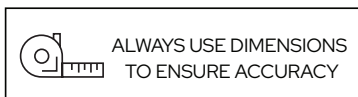
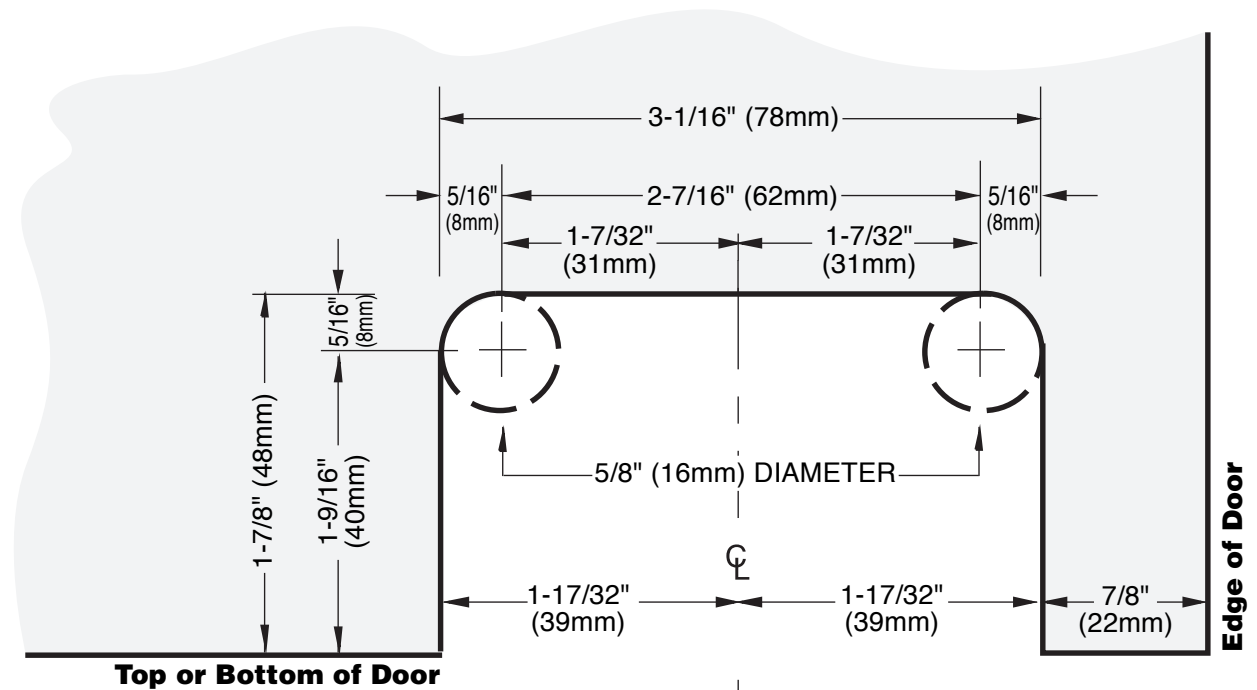
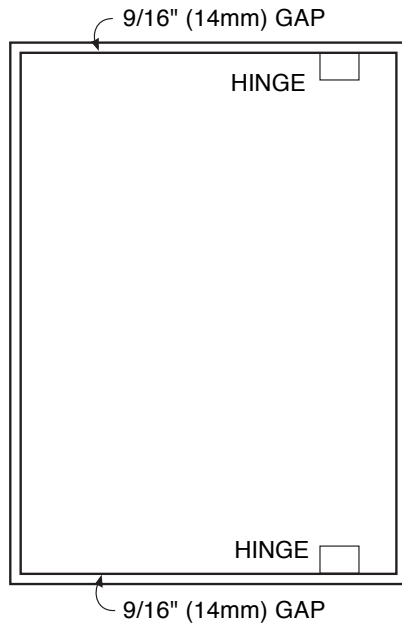
### Recommendations:

For public safety, we recommend the use of only tempered safety glass. Do not use power tools when installing these hinges.

### Maintenance Guidelines:

- Never use an abrasive cleaner on the hardware. Many of the components are coated with a clear lacquer that will be irreparably damaged if subjected to harsh, abrasive chemicals. Advise your customer that drying the hardware with a clean, soft towel on a daily basis is the best way to maintain the hardware. If mineral deposits build-up, mix a couple of drops of a mild liquid soap (such as Ivory or a similar product) into a cup of warm water. Using a soft, non-abrasive cloth, clean the hardware. Rinse thoroughly with clean, warm water and dry.

**IMPORTANT:** Project measurements from the edge of the glass.



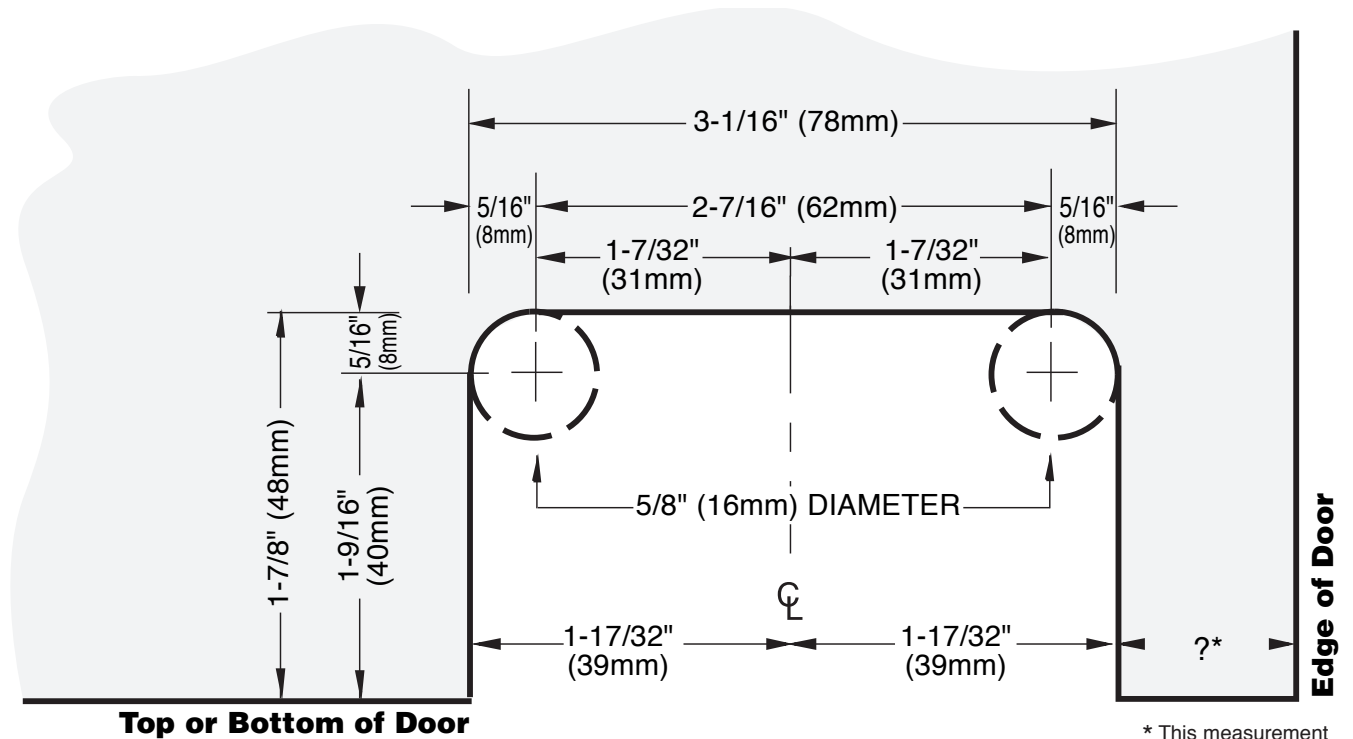
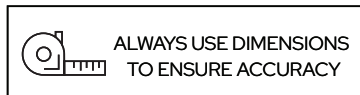
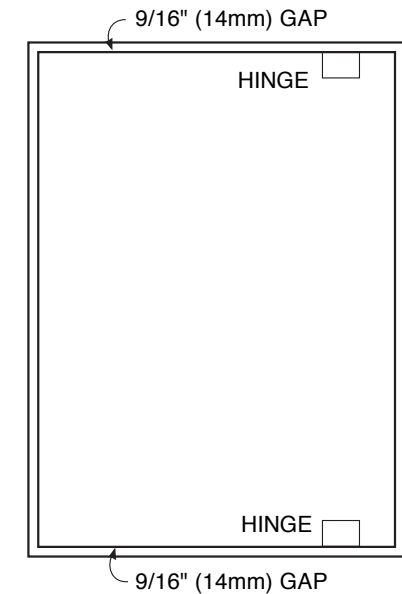
## SENIOR CARDIFF

## Top or Bottom Mount Hinge

CAT. NO. SRCAR01

### Edge Mount Method (9/16" (14mm) Clearance)

**IMPORTANT:** Project measurements from the edge of the glass.



\* This measurement varies depending on the amount of inset you desire.

## SENIOR CARDIFF

Top or Bottom Mount Hinge

CAT. NO. SRCAR01

Inset Mount Method (9/16" (14mm) Clearance)

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