

## COLOGNE

180° Glass-to-Glass Hinge

CAT NO. COL180

**\*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:

- 1) This Hinge contains a dual degree pivot pin. The pivot pin is set for normal door closing position. You have the option of altering the closing position of the door 5 degrees inward by utilizing the opposite side of the pivot pin, which has been pre-machined. Special order custom pivot pins are available (Cat.No. VIEP1N) that can be machined at any angle up to 45 degrees.
- 2) The Cologne Hinge is designed to accommodate two types of cut-outs in the glass. If the two steel pins in the body of the Hinge are left in place, the "mouse ear" cut-out option should be used. This application is recommended to prevent slip-page. If the two steel pins are removed, the rectangular cut-out option can be utilized.

### Specifications:

|                 |  |
|-----------------|--|
| Glass Sizes:    | 3/8" (10mm) to 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 or Three Hinges

|                      |                 |                 |
|----------------------|-----------------|-----------------|
| Maximum Door Weight: | 110 lbs.(50 kg) | 140 lbs.(64 kg) |
| Maximum Door Width:  | 36"(914mm)      | 36"(914mm)      |

### Use of Gaskets:

- For 3/8" (10mm) Glass: Use one thick gasket on each side  
 For 1/2" (12mm) Glass: Use one thin gasket on each side

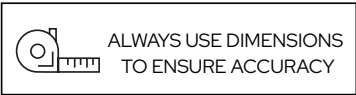
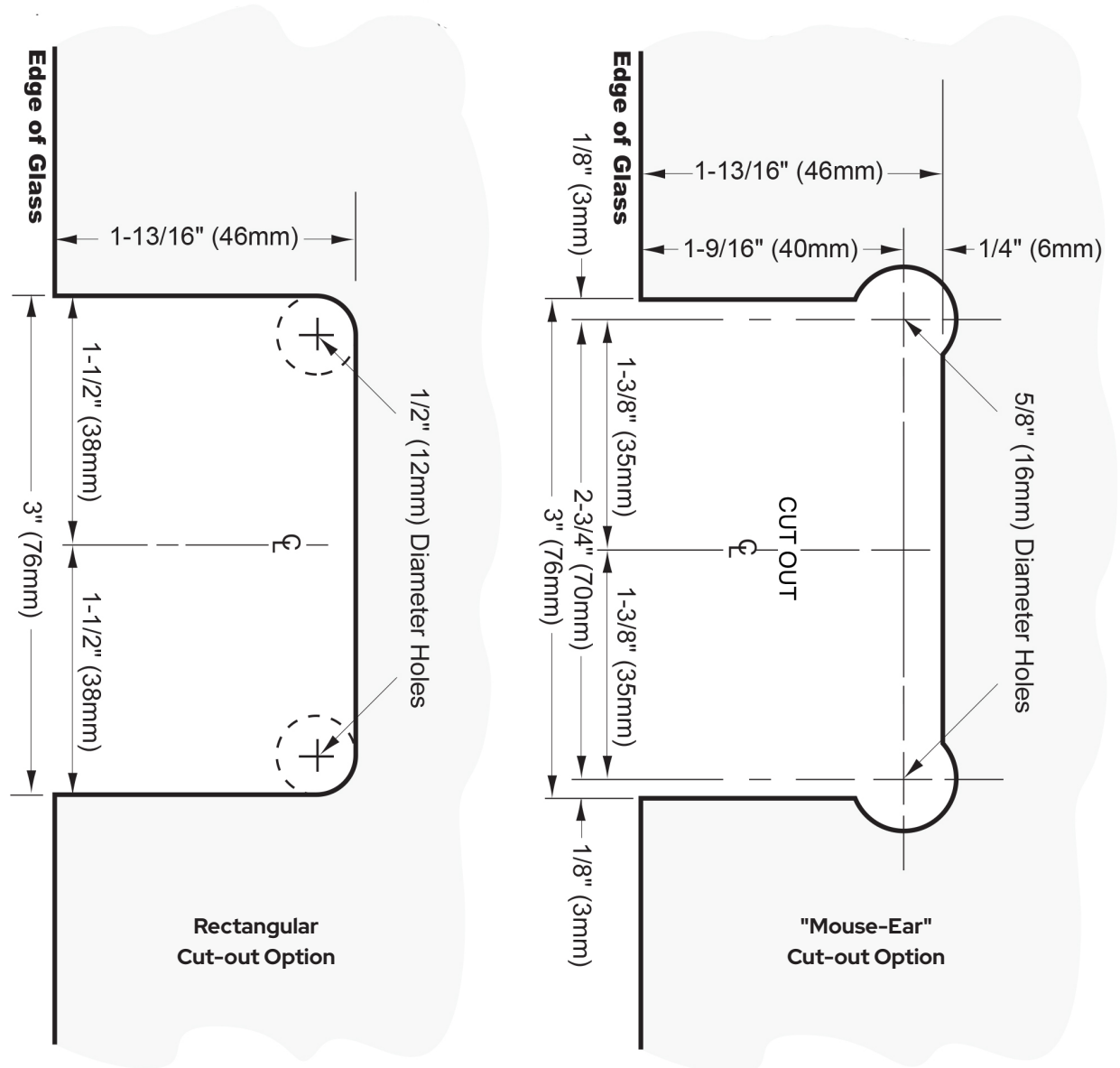
### Recommendations:

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

### Maintenance Guidelines:

- Our hinges are greased at the factory for quiet and trouble-free operation. If there is any squeaking that occurs after installation, put a drop of "3 in 1 Oil" (also known as "household oil") on the white nylon washer that the hinge body pivots on. This washer is the component that acts as a buffer, so the body of the hinge doesn't pivot directly on the brass center block. This solution doesn't require the disassembly of the hinge. **Note: Do not use spray lubricant on these hinges.** If the hinge has been disassembled, upon re-assembly, use white lithium grease to lubricate the interior mechanism.
- 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.



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