

	Dimension from long-point of miter to center of 7/8" (22mm) diameter holes	
Angle	Mount to wall on short-point of miter	Mount to wall on long-point of miter
0° - 5°	1-1/2" (38 mm)	1-1/2" (38 mm)
6° - 10°	1-9/16" (40 mm)	1-7/16" (37 mm)
11° - 15°	1-5/8" (41 mm)	1-7/16" (37 mm)
16° - 20°	1-11/16" (43 mm)	1-3/8" (35 mm)
21° - 25°	1-3/4" (44 mm)	1-3/8" (35 mm)
26° - 30°	1-7/8" (48 mm)	N/A
31° - 35°	1-15/16" (49 mm)	N/A
36° - 40°	2-1/16" (52 mm)	N/A
41° - 45°	2-3/16" (56 mm)	N/A
46° - 47°	2-5/16" (59 mm)	N/A
48° - 50°	2-7/16" (62 mm)	N/A

Note: All dimensions above already provide for a 1/16" (1.5 mm) clearance between the glass and the wall.

Specifications:

Material: Solid brass
 Glass Thickness Range: 5/16" (8mm) to 1/2" (12mm)
 Hole Size Required: 7/8" (22mm)
 Includes: Mounting screws and gaskets

Note: The ADJ037 Adjustable Wall-to-Glass Clamp is designed for use in fastening a fixed panel of glass that runs into a wall at an angle other than 90 degrees. It is important to note the clamp can be mounted to the wall on either the long-point side or short-point side of the miter, on angles up to 25 degrees from 90 degrees (not lower than 65 degrees or over 115 degrees - see Example 1 below). For angles more than 25 degrees from 90 degrees (lower than 65 degrees or over 115 degrees), the wall-mounted portion must be fastened on the side of the glass that has the short-point of the miter (see Example 2 below).

Identifying Your Angle and Miter:

In order to use the ADJ037, the angle the glass runs into the wall must be properly identified. Please use the following as a guideline to correctly identify the angle and miter required:

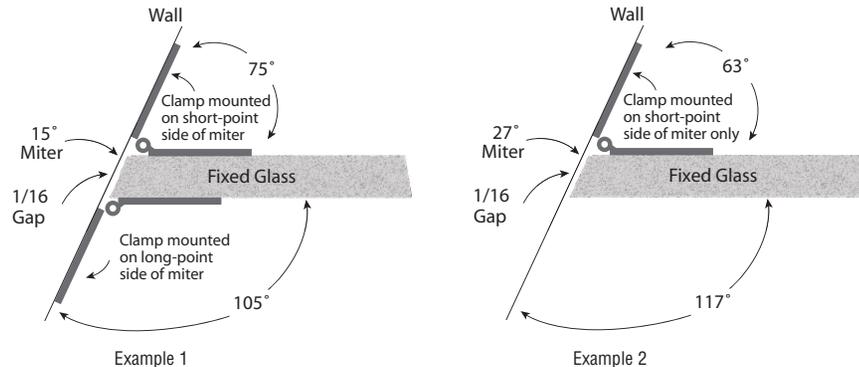
When a fixed panel of glass runs into a wall squarely at 90 degrees, the angle/miter is considered "0". "0" means "no miter" on the glass, just a polished edge. If a glass panel runs into a wall at an angle, a miter should be put on the glass to correspond with the number of degrees from 90 (or "0" miter) the glass is to be mitered. In Example 1 above, the glass is running into the wall at 105°/75°. Each of these numbers is 15° from 90°. As shown in Example 1 above, a 15° miter is put on the glass. To get the correct hole location in the glass, use the chart to the right.



GLASS CLAMPS

Adjustable Wall Mount Clamp

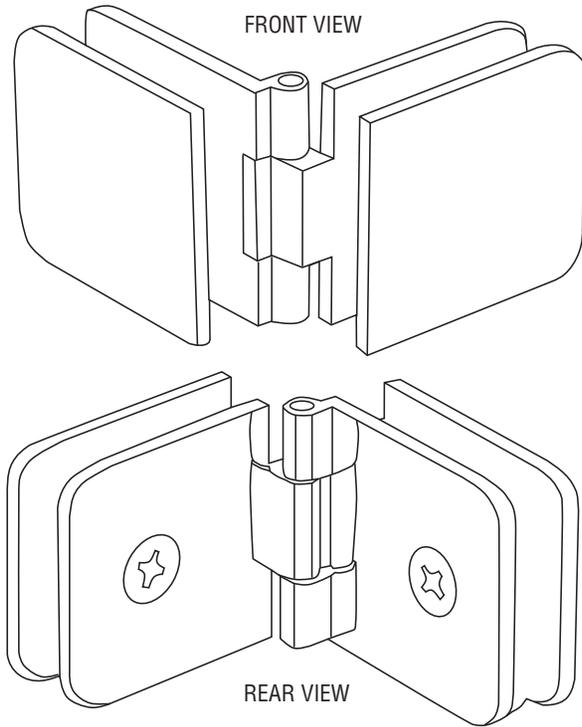
CAT. NO. ADJ037



Hole Drilling Information

The table to the right addresses the dimension required from the long-point of the miter to the centerline of a 7/8" (22 mm) hole in the glass. **No U-notches are required for the ADJ037.** All dimensions shown already allow for a 1/16" (1.5 mm) clearance between the glass and the wall.

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



Note:

The ADJ180 Adjustable Glass-to-Glass Clamp is designed for use in joining two pieces of glass that come together at a non-traditional angle. The table below addresses hole dimensions for each of the two panels of glass, evenly dividing the angle and having equal miter on each piece of glass.

GLASS CLAMPS

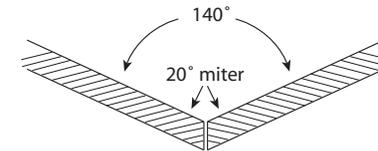
Adjustable Wall Mount Clamp

CAT. NO. ADJ037

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

Specifications:

Material: Solid brass
 Glass Thickness Range: 5/16" (8mm) to 1/2" (12mm)
 Hole Size Required: 7/8" (22mm)
 Includes: Mounting screws and gaskets



Example

To determine the correct miter to use on each piece, use the following formula: FORMULA : 180 minus "A" divided by 2 = your miter ("A" = your angle) Example: the angle is 140 degrees. 180 - 140 = 40. 40 / 2 = 20 degree miter on each piece of glass.

Angle	Dimension from longpoint of miter to center of 7/8" (22mm) diameter holes
90 – 95 Degrees	1-7/8" (48 mm)
96 – 100 Degrees	1-3/4" (44 mm)
101 – 105 Degrees	1-11/16" (43 mm)
106 – 110 Degrees	1-5/8" (41 mm)
111 – 115 Degrees	1-5/8" (41 mm)
116 – 120 Degrees	1-5/8" (41 mm)
121 – 125 Degrees	1-9/16" (40 mm)
126 – 130 Degrees	1-1/2" (38 mm)
131 – 135 Degrees	1-1/2" (38 mm)
136 – 140 Degrees	1-7/16" (37 mm)
141 – 145 Degrees	1-3/8" (35 mm)
146 – 150 Degrees	1-3/8" (35 mm)
151 – 155 Degrees	1-5/16" (33 mm)
156 – 160 Degrees	1-5/16" (33 mm)
161 – 165 Degrees	1-5/16" (33 mm)
166 – 170 Degrees	1-1/4" (32 mm)
171 – 175 Degrees	1-1/4" (32 mm)
176 – 180 Degrees	1-3/16" (30 mm)

Note: All dimensions above already provide for a 1/16" (1.5 mm) clearance between the two pieces of glass.