



Per ASTM C1048, Standard Specifications for Heat Treated Flat Glass:

HOLE SIZE TOLERANCE

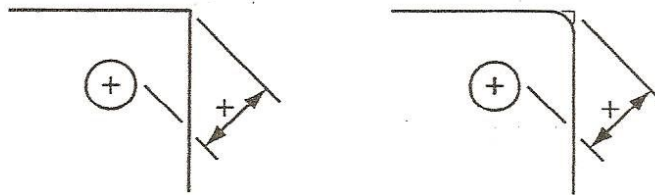
+/- 1/16" for glass thickness up to and including 3/8"

+/- 1/8" for glass thickness up to and including 1/2"

- The *minimum* hole size for tempered StarBrite must be 1/4", or the glass thickness, whichever is greater.
- The *maximum* hole size or cutout for tempered StarBrite cannot be greater than 1/3 of the shortest glass edge.
- Chips and flakes at hole edges are permissible as long as they do not exceed 1/16".

HOLE LOCATION

The hole location tolerance is +/- 1/16"



NOTE—

$$X = 6.5t$$

Where:

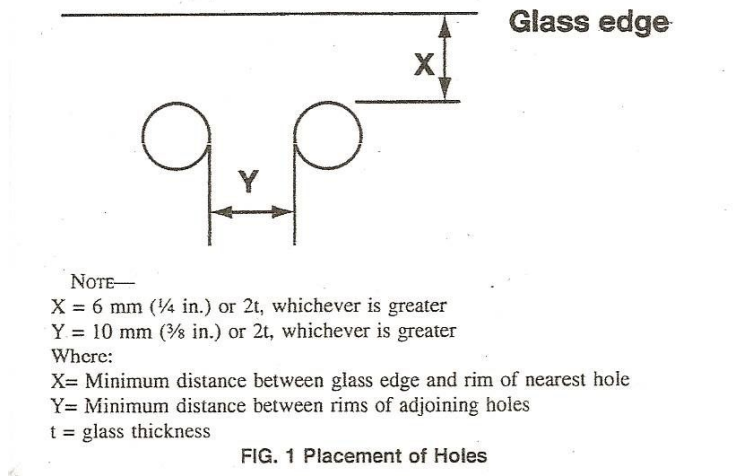
X = Minimum distance between glass corner and rim of nearest hole

t = Glass thickness.

FIG. 2 Location of Holes Near Corners

GLASS CORNER

Holes that are located near a glass corner (the point where the horizontal and vertical glass edges meet) must be a minimum of 6.5 times the glass thickness from the edge of the hole to the glass corner when the hole is 90 degree or more

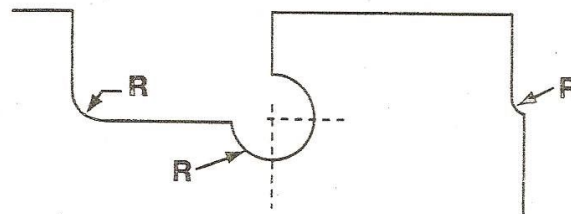


GLASS EDGE (X)

The closest distance between the edge of a hole and the edge of the glass for tempered StarBrite is $\frac{1}{4}$ ", or two times the glass thickness, whichever is greater.

DISTANCE BETWEEN TWO HOLES (Y)

The closest distance between the edges of two holes for tempered StarBrite is $\frac{3}{8}$ ", or two times the glass thickness, whichever is the greater.



NOTE 1—
 $R \geq t$
 t = thickness of glass
 R = radius
 See paragraph 7.9.6.

FIG. 4 Notch and Cutout Fillets

CUTOUTS, HINGES, OR NOTCHES

All cutouts, hinges, or notches must have an inside radius (R) that is equal to or greater than the glass thickness.