

Highland Glass

CUT-OUT, HOLE & CORNER DIAGRAMS

Holes up to 74mm Diameter

See Diagram 1

- The distance from the edge of the hole to the nearest edge of the glass must be equal to 1.5 times the thickness of the glass for 4mm to 6mm and 2 times for glass thickness of 8mm and over. (refer to fig 1)
- Distance from the edge of a hole in the corner of the glass sheet must be at least 4 times the thickness of the glass. (refer to fig 2)
- Distance between holes must be at least 4 times the thickness of the glass (refer to fig 3)
- Diameter of holes cannot be greater than the thickness of the glass
- Diameter of holes cannot be greater than 33% of the sheet at the narrowest point (refer to fig 4)
- In a sheet with holes, the minimum width of the sheet must be 8 times the thickness of the glass.

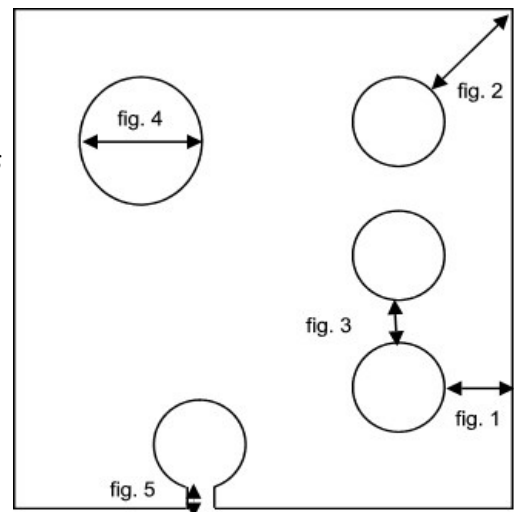


Diagram 1

Special Hole Requirements:

See diagram 1

if a hole is placed in a position closer than the recommended distance, a saw cut can be made to minimise the stresses and chances of breakage.

Cut-out Guidelines:

See Diagram 2

- Distance between hole/centre cut-out and glass edge must be at least 4 times the thickness of the glass with a minimum of 75mm for cut-outs exceeding 150mm diameter or dimensions in direction. (refer to fig 6)



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- Distance between holes/centre cut-outs must be at least 4 times the thickness of the glass. Where one or either hole/centre cut-outs exceed 150mm diameter or dimensions in directions. If you are unsure ask us for technical advice first.
- Height/Width of the hole/centre cut-out must not be more than 33% of the glass height/width. (refer to fig 7)
- Dimensions of the hole/centre cut-out should not be less than the thickness of the glass. (refer to fig 7)
- All non circular centre cut-outs must have a radius corner with a minimum radius of not less than the thickness of the glass. (refer to fig 8)

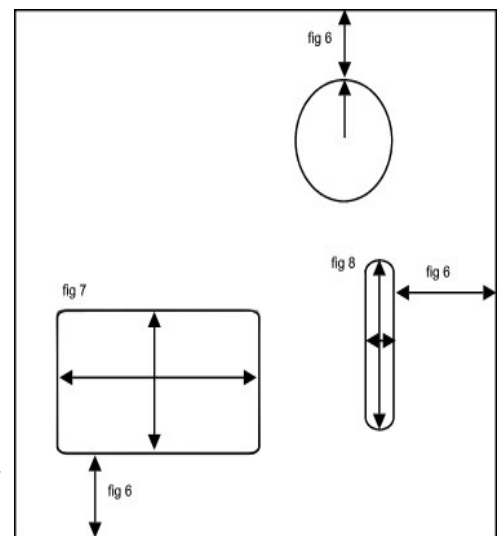


DIAGRAM 2

Side and Corner Cut-outs

See diagram 3

- The height/width of the cut-out must not be less than the thickness of the glass. (refer to fig 9a)
- The height/width of the cut-out must not exceed 33% of the sheet measurement.
- Minimum distance from the corner of the sheet should be 75mm (refer to fig 9b)
- All cut-outs must have internal radius corners no less than the thickness of the glass.
- External corners on cut-outs must be rounded (refer to fig 10)
- Distance between cut-outs must be at least 4 times the thickness of the glass. (refer to fig 10)
- Where one or either of the cut-outs exceed 150mm dimension in any dimension in any directions, ask for technical advice first.

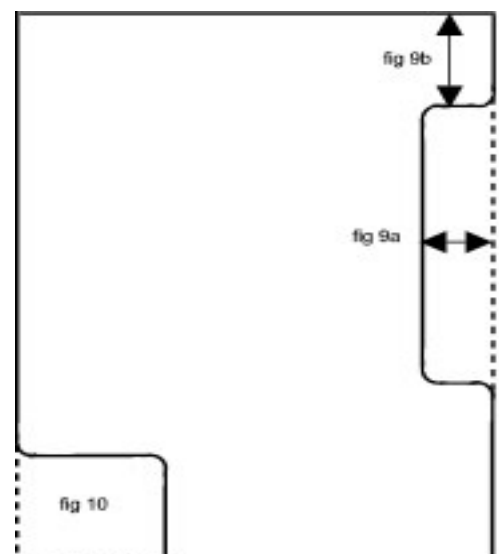


DIAGRAM 3