

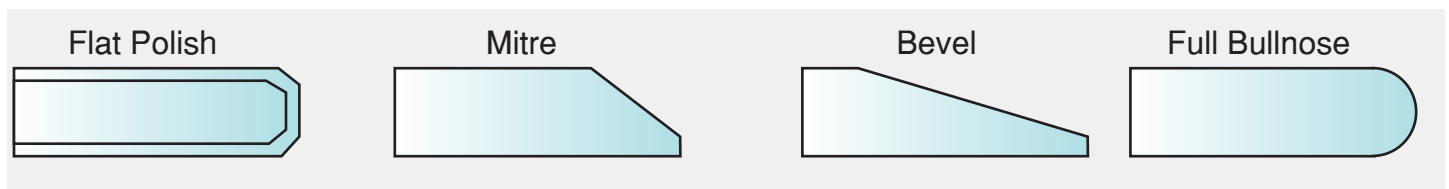
Glass Processing Specifications

Most architectural glass will have some form of edgework other than edges that are clean-cut. The types of edge work are summarised in the table below. In addition, there are specialist decorative finishes available that are primarily used for furniture.

Glass Edge Work

Types of Glass edge work	Detail	Application
Clean Cut	As cut edges, edges are sharp	General glazing concealed edges
Rough Arris	Sharp edges removed Minimum edge work for toughened glass	General glazing concealed edges
Flat Grind or Flat Smooth	Machine smooth Edges	Silicone butt joints
Flat Polish	Machine polished	Exposed edges and furniture
Mitre	Machine edge - 45o or below	Angled silicone glazing
Bevel	Machine edge 4mm - max 30mm 5mm - max 40mm 6-19mm - 50mm	Decorative finishes for windows, furniture and mirrors. Exposed edges also require flat polishing

Types of Glass Edge Work



Cut-Out Positions

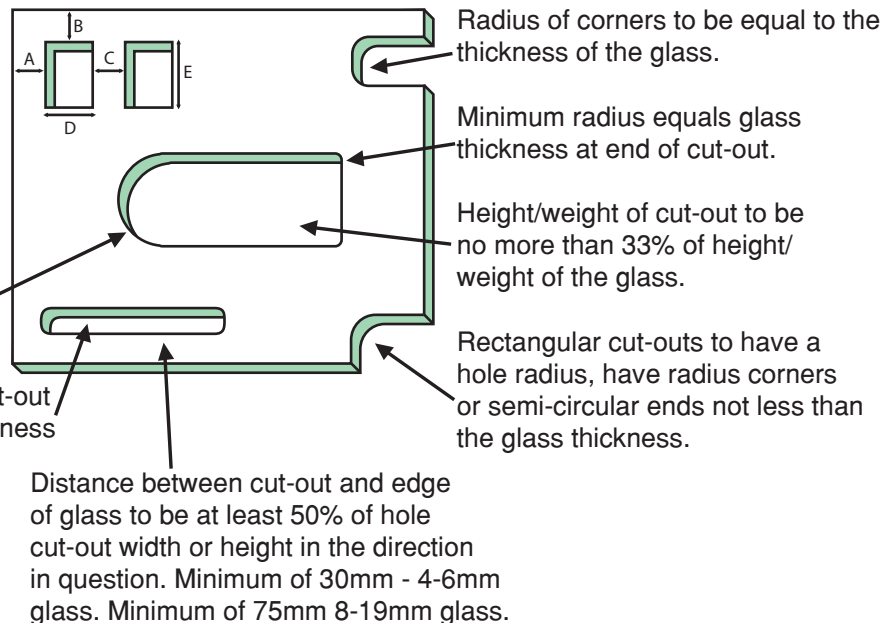
A - Minimum dimension cut-out to edge, 50% of dimension 'D'

B - Minimum dimension cut-out to edge, 50% of dimension 'E'

C - Minimum 50mm

Minimum 19mm radius at semi-circle of cut-out.

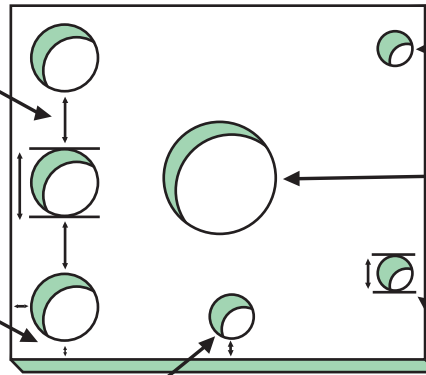
Interior width & height of cut-out not to be less than the thickness of the glass.



Hole Positions

Distance between holes to be at least 4 x thickness of glass.

Holes at corners distance to be 4 x thickness of glass from one edge and at least 1.5 a thickness from other edge. Except where glass thickness > 10mm to be 4 x thickness to both edges and where - angle of corner <90o to be 4 x thickness to both edges.



Countersink holes at 45o angle available on 5-19mm thickness.

Maximum hole diameter to be less than 50% of narrowest height/width of glass for holes over 75mm. Dog and cat doors have special rules which may allow cut-outs closer to the edge of the glass.

Minimum diameter 5mm but not less than glass thickness.

Distance to be 1.5 x thickness of glass up to 10mm glass and 2 x thickness of glass over 10mm for holes at sides.

Glass Templating

If you are supplying us with a template to achieve the correct finish & sizing, we require all templates to be as follows:

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| <ul style="list-style-type: none"> • Customer name to be clearly stated. • The face of template must be clearly stated. • The quantity in which required. • Order number is applicable. • The edge work in which required. • Placement of holes and size of holes. • Stamp type and placement. • Spacer type, colour and size. • Colonials marked. • Must be made from custom board or similar material. Can be made from corflute if there are no arcs or large radius corners. • No glass templates. • Arcs or radius corners must be smooth (no bumps) unless wanted or stated. • If the template has a curved edge it must be clearly stated, otherwise will be made point to point. | <ul style="list-style-type: none"> • Cutouts must be cut out of the template, not drawn on. • If a cutout needs to be polished, this must be clearly stated. • No screws or staples to be protruding from the template. • Must be flat not bowed or broken. • If the template is made up of more than one piece, it must be joined together using a method that requires no screws or staples or bulky wood. • Inner and outer glass to be stated on the template for DG units. • Preferable templates to be as per the desired shape. If however you decide to draw the shape onto the material please do so with a black marker pen and state which side of the line you would like us to cut. |
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