

General

All work-on, including drilling, edge working, cut-outs, etc. and some surface treatments, must be carried out before the glass is toughened.

Kite Glass has invested in the latest equipment and technology to give the highest possible quality standards.

Edgework

All edgework is supplied to current standards. Kite toughened glass has, as a minimum, arris-edged edges. Where smoothed or polished edges are required these will be "flat and arris" profile. Additionally, mitre and bevel edges can be supplied.

Holes

The diameter of holes should not be less than the thickness of the glass. Minimum distances apply from:

- (a) The edge of a hole to the edge of an adjacent hole
- (b) The edge of a hole to the adjacent edge of the glass
- (c) From the edge of a hole to the adjacent corner of the glass

These minimum distances depend on the thickness of the glass and are shown in the following table:

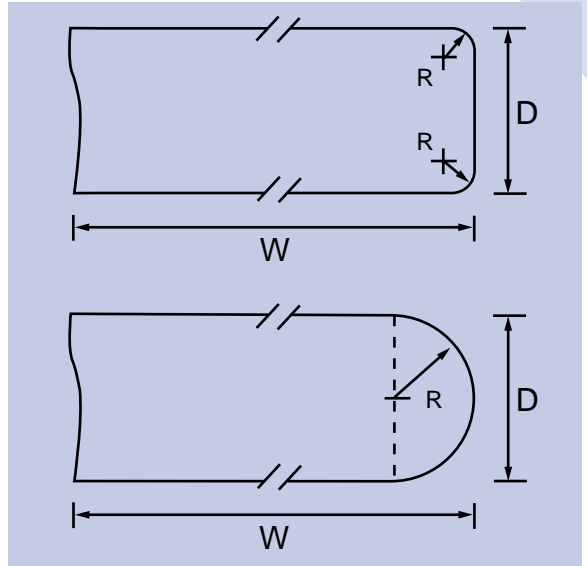
For Hole Diameter up to 40mm	
a) Hole to Hole	2t
b) Hole to Edge of Glass	2t
c) Hole to Corner of Glass	6t
t = Glass Thickness	

For holes over 40mm diameter; please refer to Kite Technical Department.

Tolerances

Hole Diameter	Tolerance
4 – 20mm	± 1mm
20 – 100mm	± 2mm
Over 100mm	Please refer to us

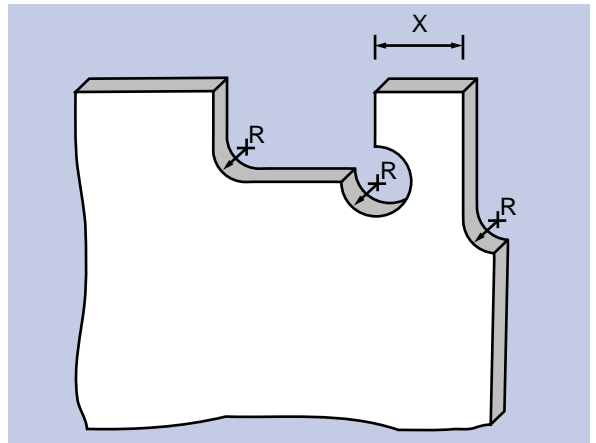
Rectangular Cut-outs



All rectangular cut-outs must have either radius corners or semi-circular ends with a minimum radius equal to the thickness of the glass.

The maximum width (W) of the cut-out should not normally exceed one third of the width of the glass. Should you wish to exceed this, please contact Kite Technical Department.

Notches



Various notch configurations can be supplied and details should be sent to us. The sketch above of a typical notch shows detail areas that should be followed. External corners can be "dubbed" but re-entrant corners must have a minimum radius 'R' equal to the glass thickness. The minimum length of edge 'X' should be 75mm.

Tolerances

Notch dimension = -0 +2mm
 Notch position relative to glass edge = +2mm



Kite Glass

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