

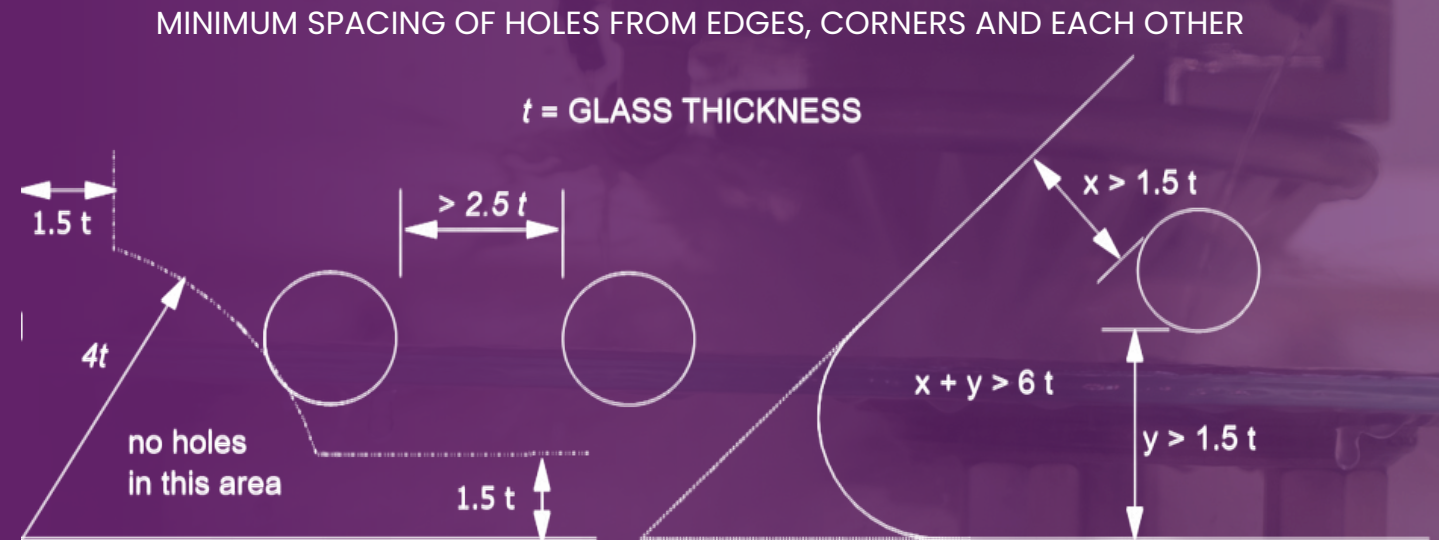
DRILL HOLE TOLERANCES (PNEUMATIC DRILL)



Hole Spacing

The below graphic outlines the required distance of a hole from the edge and corner of a panel:

t=	Glass Thickness mm
x=	Distance
y=	Distance
>=	Greater Than



IF HOLES ENCROACH INTO THE EDGE OR CORNER ZONE, CHECK WITH MANAGEMENT OR OFFICE BEFORE TOUGHENING

Diameter and positioning tolerances

The below table outlines the tolerance for both diameter size and positioning of holes:

Hole size mm	mm
6-20mm	+/-1.0mm
21-50mm	+/-2.0mm

Restrictions on countersink holes

When countersinking, the maximum you can countersink into the glass is 50% of the glass thickness.

DRILL HOLE TOLERANCES (PNEUMATIC DRILL)



Hole Size

The below table outlines the hole sizes within varying thickness of annealed glass:

Glass Thickness	Type	6mm	7mm	8mm	9mm	10mm	11mm	12mm	13mm	14mm	15-34mm	35mm+
4mm	Annealed/ mirror	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
5mm	Annealed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
6mm	Annealed/ Mirror	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
8mm	Annealed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
10mm	Annealed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
12mm	Annealed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
15mm	Annealed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC

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Hole Size

The below table outlines the hole sizes within varying thickness of toughened glass:

Glass Thickness	Type	6mm	7mm	8mm	9mm	10mm	11mm	12mm	13mm	14mm	15-34mm	35mm+
4mm	Toughened	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
5mm	Toughened	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
6mm	Toughened	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
8mm	Toughened	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CNC
10mm	Toughened	No	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	CNC
12mm	Toughened	No	No	No	No	No	No	Yes	Yes	Yes	Yes	CNC
15mm	Toughened	No	No	No	No	No	No	No	No	No	Yes	CNC