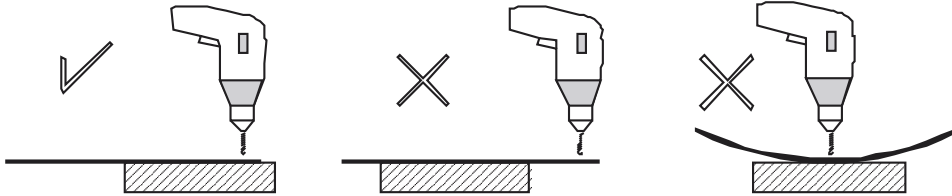
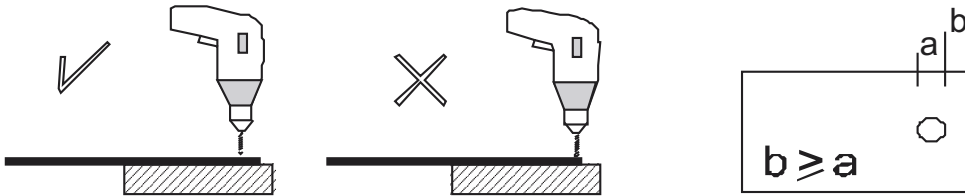


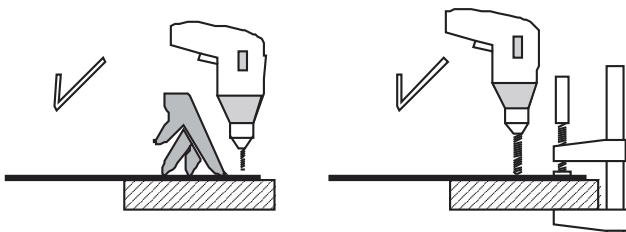
## Pointers on Drilling Acrylic (Perspex)



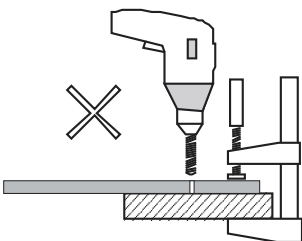
A\_ Support the sheet FLAT on a solid surface, use a piece of wood, drilling Acrylic unsupported usually causes breakage and/or chipping of the bottom edge of the hole.



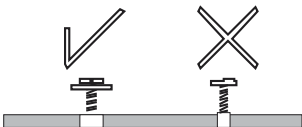
B\_ Avoid drilling too close to the edge, Try to leave as an absolute minimum, a distance equivalent to the thickness of the drill bit between edge of sheet and edge of hole.



C\_ Clamp or firmly hold the sheet down while drilling, the drill bit being spiral, will cause the sheet to lift up nearing the bottom edge, and will cause breakage. Try reverse rotation near the bottom edge. For safety use a clamp for holes larger than 10mm Dia.



D\_ Go straight for the required drill bit size, enlargement is risky and usually causes breakage & cracks.



E\_ Allow for sheet expansion especially for outdoor areas, make the holes a good deal bigger than the screws, use a washer.

F\_ Do not use excessive force, especially on sheets thinner than 4.5mm, allow the drill bit to heat up so it will almost fuse it way through. You could use reverse rotation.

G\_ In order to get a clean hole and to avoid chipping of the bottom edge, slow down your plunging speed nearing the bottom.

H\_ Set the Drill speed to Fast but push slowly .

Any kind of drill-bits will do. Older bits are safer, as they tend to heat up and soften the plastic.