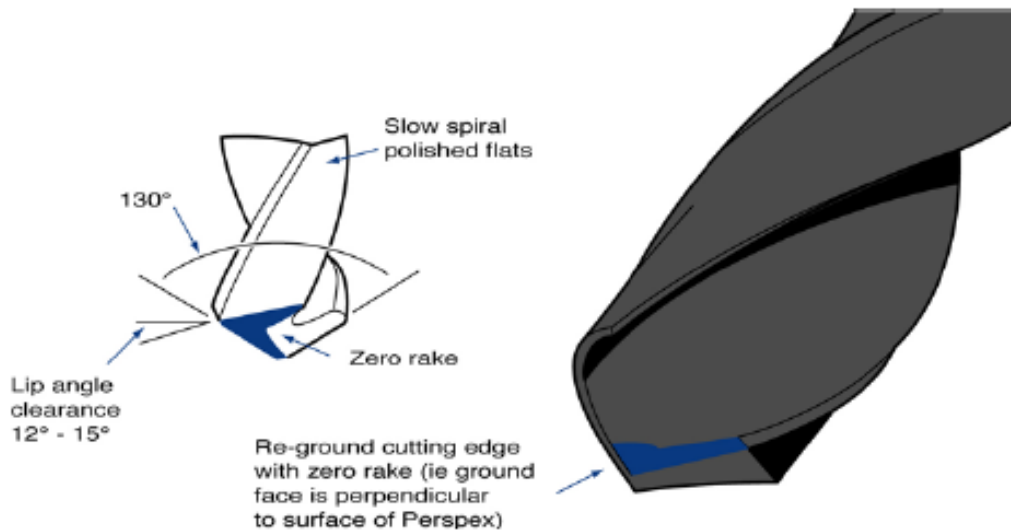


Drilling Perspex / Acrylic

Standard woodworking twist drills can be used for all normal drilling work with Perspex® from Lucite®. It is advisable to re-grind twist drills to give a zero rake;

Figure 4 demonstrates the preferred cutting angles.

Figure 4 Standard drill (130°) with cutting edges re-ground for use with Perspex®



Wherever possible, the work should be supported by a back stop made from either scrap Perspex from Lucite or hard wood to prevent splintering the exit hole. Under no circumstances should a centre punch be used before drilling Perspex. A small pilot hole should be drilled first to locate the drill.

Coolants are strongly recommended for any deep drilling into Perspex and time must be allowed to remove swarf from the drill at regular intervals.

Hole saws may be used for larger holes greater than 12 mm diameter but when drilling large holes in thin extruded sheet, especially if it is not possible to support the work, "cone-cut" drills have been found to be particularly suitable.

With Compliments

CJ Plastics – Boat Windscreens & Windows

Phone: 0409 614 796

www.cjplastics.com.au