



Cutting Polycarbonate Advise from our Experts

Cutting polycarbonate can be tricky when it comes to a nice finish without using the proper router bits, feed rates & RPM. We cut it with a CNC routers with specialized cutters at high RPMs and correct feed rates. Doing this by hand with a jigsaw & expecting a similar finish as a CNC is not realistic.

When cutting polycarbonate by hand, start with choosing the correct blade, however, there isn't a one size fits all rule. To find what works best for a specific application may take more trial and error than one may think. For starters, I would use a blade designed for the material (see below). Slow the rpm to around 3500 rpm's and experiment with how quickly or slowly you move through the material to avoid melting. After the cut, you can use a steel file to soften the edges as to not leave sharp top and bottom edges while removing cut marks.

