

Z-Axis Nut Mount - WA-100-S

Step 1

The back (top) edge is the most important edge from which measurements are derived so that the lead screw will be aligned properly.

Drill one (1) 7/16" hole for the cross dowel.

Drill three (3) 1/4" holes around the center hole to serve as the mounting holes for the anti-backlash flange. The 1/4" diameter size will permit a bit of adjustability for the nut so the lead screw can be aligned properly. The screws for the anti-backlash nut will be no larger than #8, but will most likely be 3mm.

Drill the center hole to serve as the lead screw access through this part.

This is the mount for the anti-backlash nut. The nut is held on to the ZY plate (WA-050-S) using a 1/4" x 1" screw and a cross dowel. This arrangement provides great rigidity in hard plunging situations when using the CNC aspect of this machine.

