

Z-Axis Rail Support - WA-070-S

Steps 1 and 2

Drill two (2) 7/16" holes at the top of the part. To permit screws to reach the cross dowels, drill two (2) crossing holes centered along the thickness of the material.

Note: No dimension is given for the edge holes as material thickness will vary.

Drill four (4) 5/16" holes on the left side of the part. Use the Strong-Tie part to mark the holes. The Strong-Tie part will be aligned along the center of the part, so use both Strong-Ties and abut them along the center.

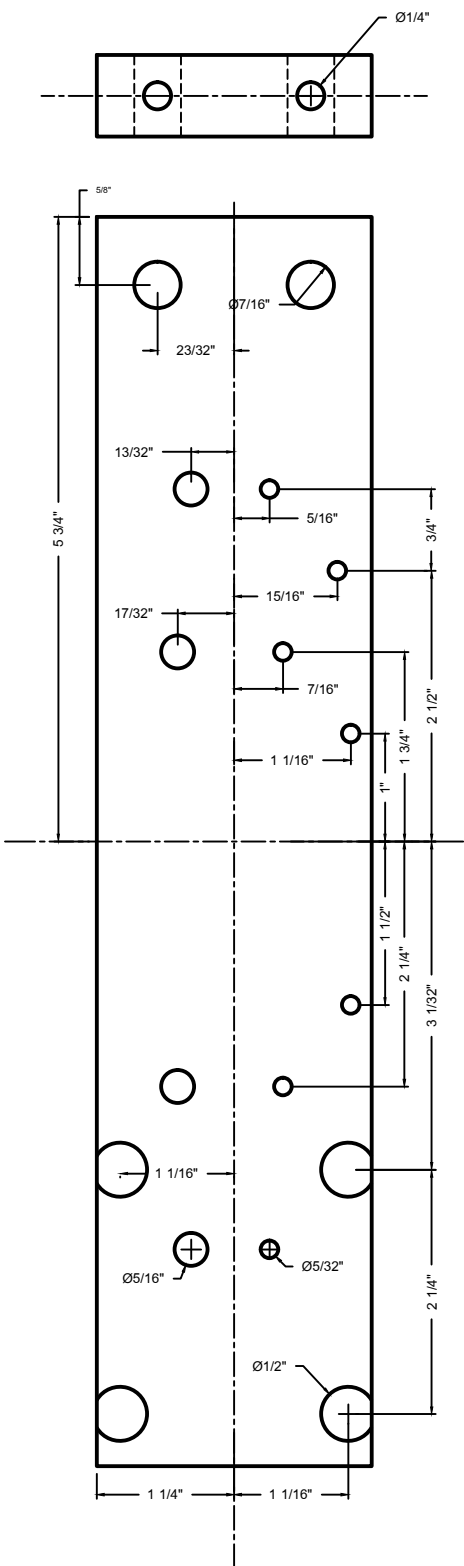
Drill seven (7) 5/32" holes for the abutting rail to the right side. Both rails will receive #8 screws.

Drill 4 counterbores to flush the head of the screws as the rail will be mounted on the same face as the screw heads.

In Step 2, simply drill at the center of the counterbores at 1/4" diameter.

The top two holes are used for fastening the top bearing support (WA-080-S) using cross dowels and 1/4" x 1-1/2" screws. The array of 5/32" holes on the right are used to fasten the StrongTie steel rail and is not adjustable. The larger 5/16" holes on the right are used for another StrongTie rail but are adjustable to press firmly against the bearings. the four holes on the bottom are for mounting the extruder or CNC spindle.

Step 1:



Step 2:

