Z-Axis Bearing Support - WA-080-S

Steps 1 and 2

It is important to maintain the narrow dimension of this rectangle where the four holes for screws are located. Above this area, more modification and customization can occur. The long dimension (top edge) is a suggested dimension and is only limited by the location of the top hole. Allow a bit of meat around that hole so that this part will have sufficient structure to hold.

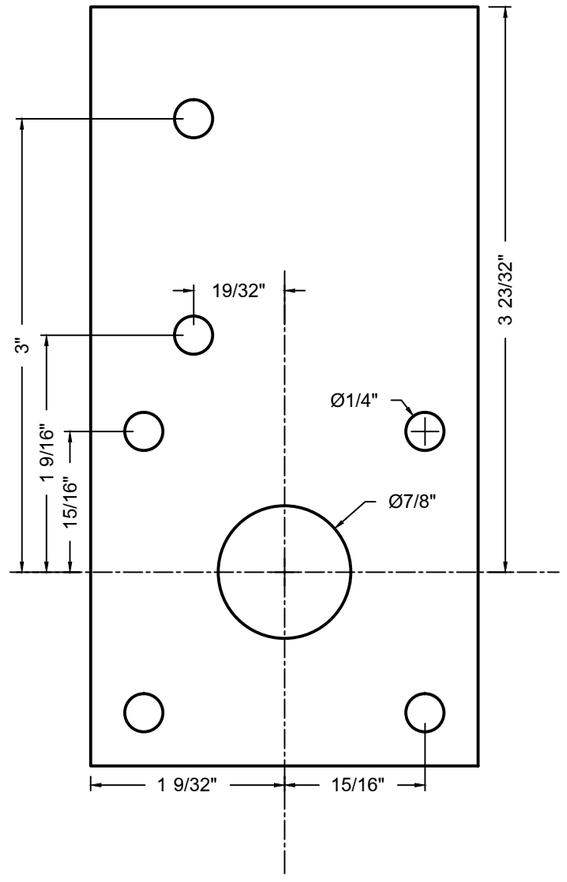
Drill six (6) 1/4" holes. Two (top) will be fastened to the Z-axis rail support (WA-070-S). The bottom four are designed to fasten to the z-axis motor mount (WA-090-S).

Counterbore one (1) 7/8" hole to serve as a seat for the top bearing.

Step 2: Through drill at the center of the counterbore at between 1/2" (min) to 3/4" (max) so a 3/8" lead screw will have clearance all around.

As described in the part in context (previous page). The looks slightly different. consider applying as much customization as you see fit, paying special attention to the constraints specified on this page. Applying grooves as shown previously is optional. The holes is positioned as close as possible to the correct alignment for the lead screw.

Step 1:



Step 2: