

Y-axis limit switch and mounting hardware.

# Limit Switch Mounting Hole Instructions

## CNC Leadscrew Mounting Hole Information

To mount the eccentric trigger on the column saddle and the Y-axis limit-switch mount on the mill base, you will need to drill and tap some holes on your machine. Below you will see print copies. One is for the 8-32 hole location that you must drill and tap in your column saddle for the eccentric trigger (see Figures 1 and 2). The other is for the 5-40 holes in the mill base (see Figures 3 and 4).

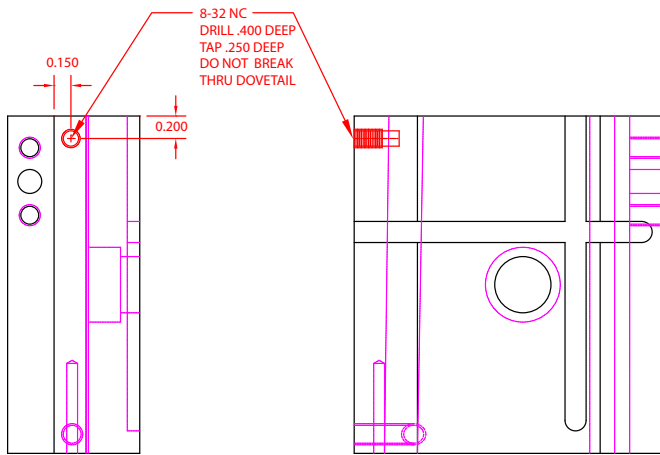


FIGURE 1—CNC leadscrew column saddle 8-32 hole location diagram.

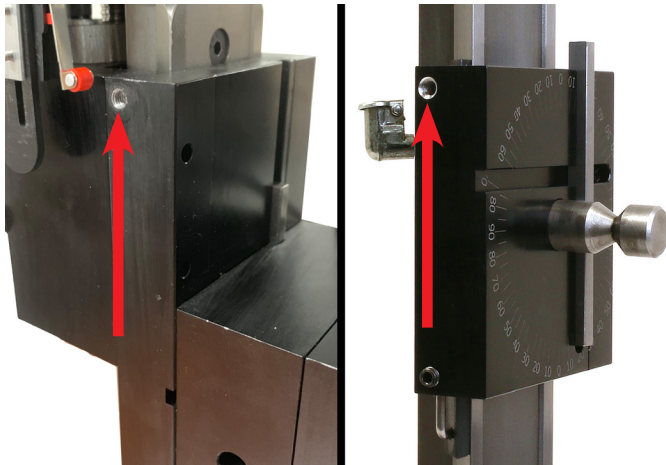


FIGURE 2—The red arrows indicate the eccentric trigger hole locations on the column saddles. Left: Ball screw column saddle; Right: CNC leadscrew column saddle.

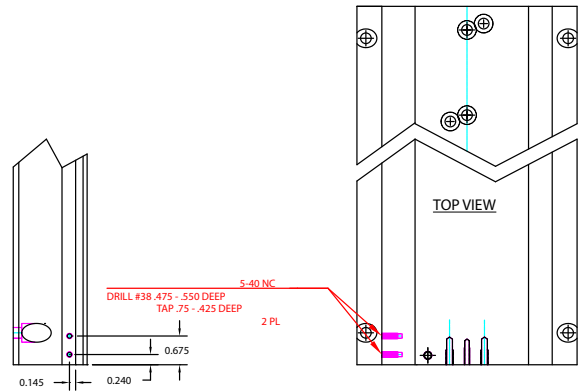


FIGURE 3—CNC leadscrew mill base 5-40 hole location diagram.

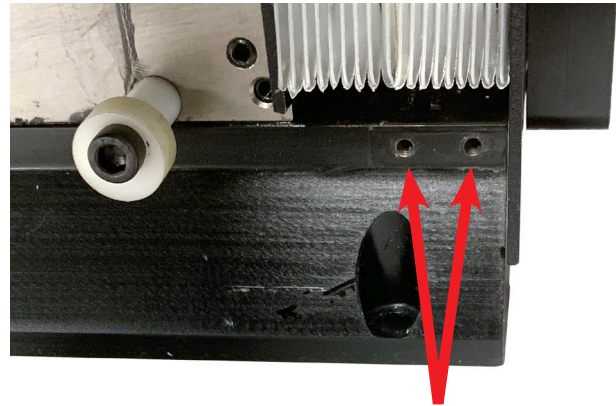


FIGURE 4—The red arrows indicate the 5-40 screw hole locations for the mill base, limit-switch mount.

### Metric Screw Equivalents

If you live outside of the USA and you don't have access to 8-32 and 5-40 taps, the metric equivalent to these screws is listed below.

The metric thread equivalent and screw lengths for the inch screws are as follows:

8-32 x 3/8" screw = 4 x 0.7 mm x 9 mm long

5-40 x 7/8" screw = 3 x 0.5 mm x 22 mm long

Thank you,  
Sherline Products Inc.