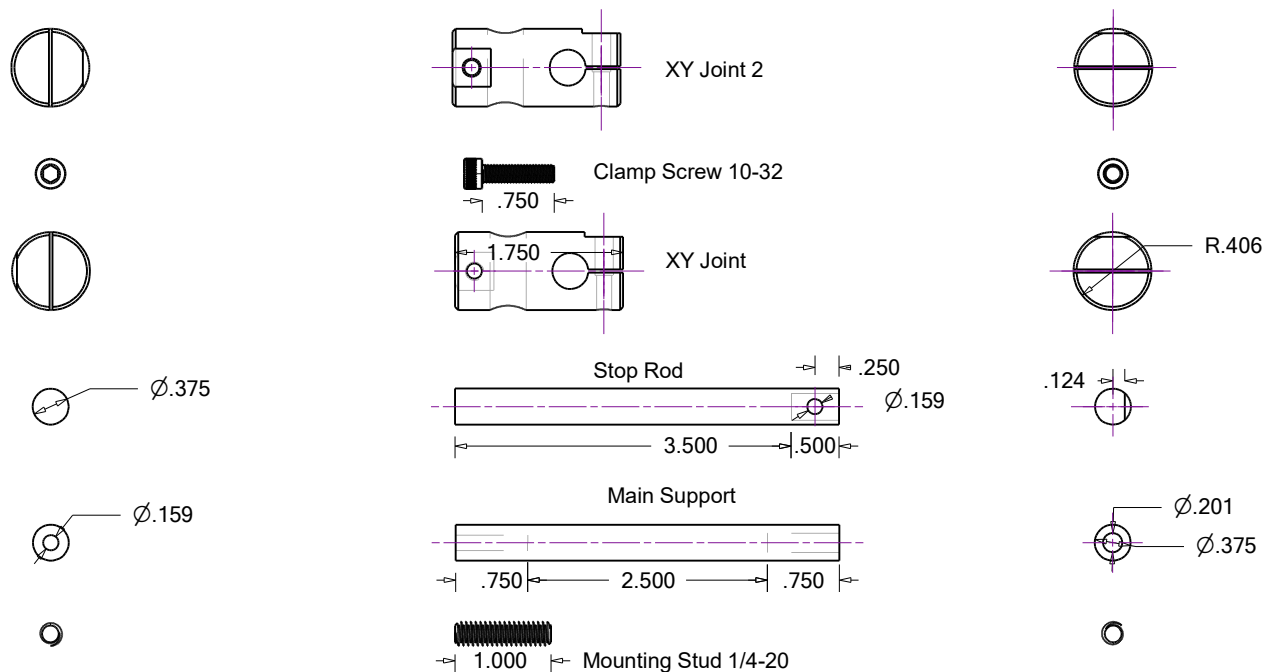


Note: The flat as seen on the left end of XY Joint 2 is on the opposite side as the flat on XY Joint 1. This is to allow convenient location of the SHCS for tightening the joints on the rods.



Make only one of these Joints. It depends on where you want the 10-32 flats and threads. If you decide to make one of each hand then you can orient the clamping screws exactly where you want them no matter which side of the vise you mount it on. Not a big deal either way. One hand will work on either side. STL files have been included so you can see right hand/left hand flat orientation.

Alternate part for the Main Support would be to not drill the ends and external thread each end with threads to match your vise. Two different threads such as 1/4-20 and 5/16-24 could be used for different vises. Add a .187 hole in the center for a tommy bar.

Main Support is threaded 1/2 inch deep X 1/4-20 for the mounting stud. Loctite this short stud in the Main support rod. Opposite end of main support is threaded 10-32 for 1/2" deep. A 1/2" long 10-32 SHCS is secured with loctite and serves as the main support fastener. Loctite in the 10-32 screw. Alternately add tommy bar holes to the end instead of the 10-32 thread in the Main Support Rod.

Vise Stop
All Parts
03/18/2025
JR