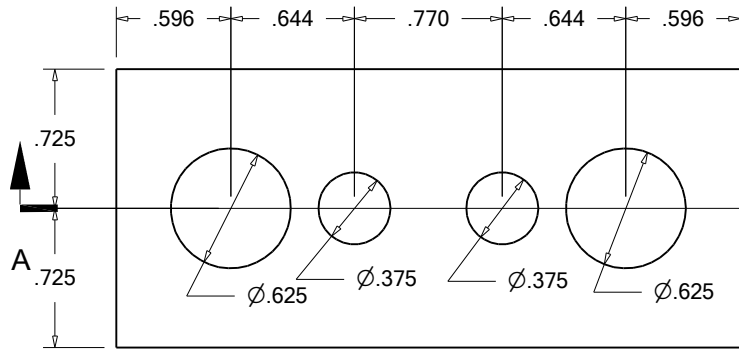
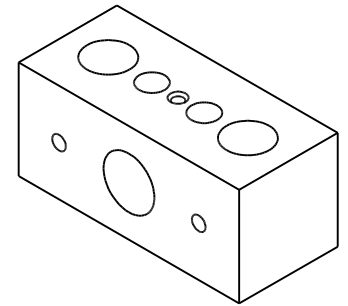
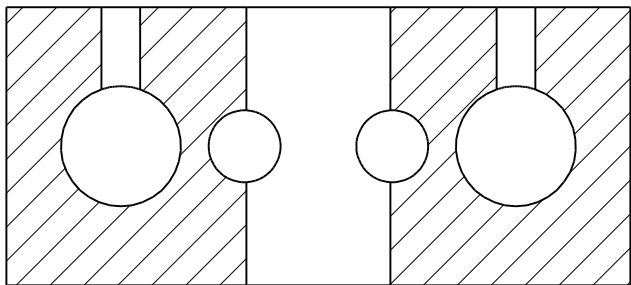


Section A-A

The cotter holes are .375 dia. holes. You can see the interference they will have with the Main Support in this view. Also in clear view is the pressure point for the cotter adjustment screw.

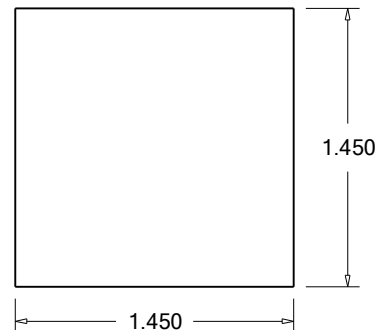
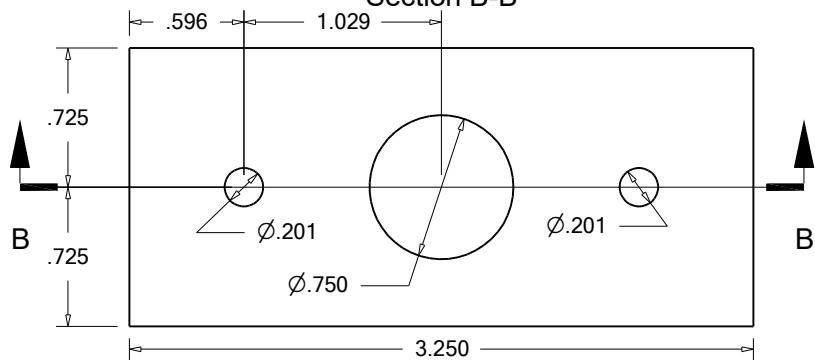


Made from T6061-T6 Aluminum.
 .201 holes tapped 1/4-20 for brass screws.
 .150 is chamfered for cotter adjustment screw.



Section B-B

The sequence for drilling the .750 hole and the .375 holes is very important. The Brass Cotters are both made and installed into the .375 holes prior to drilling or boring the .750 hole. This will make the radius on the cotters at the same time as the .750 hole is drilled. After drilling the .750 hole out to .500 I finished it by boring it on the mill. The Cotters are then removed and one 1/4 stub thread is removed from each cotter. See Cotter detail for more info. Both cotters are made from Brass.



Tap_Drill_Stand	
MainSupport	
03/08/2025	JR