

# DIY WORKSHOP TABLE LIFT



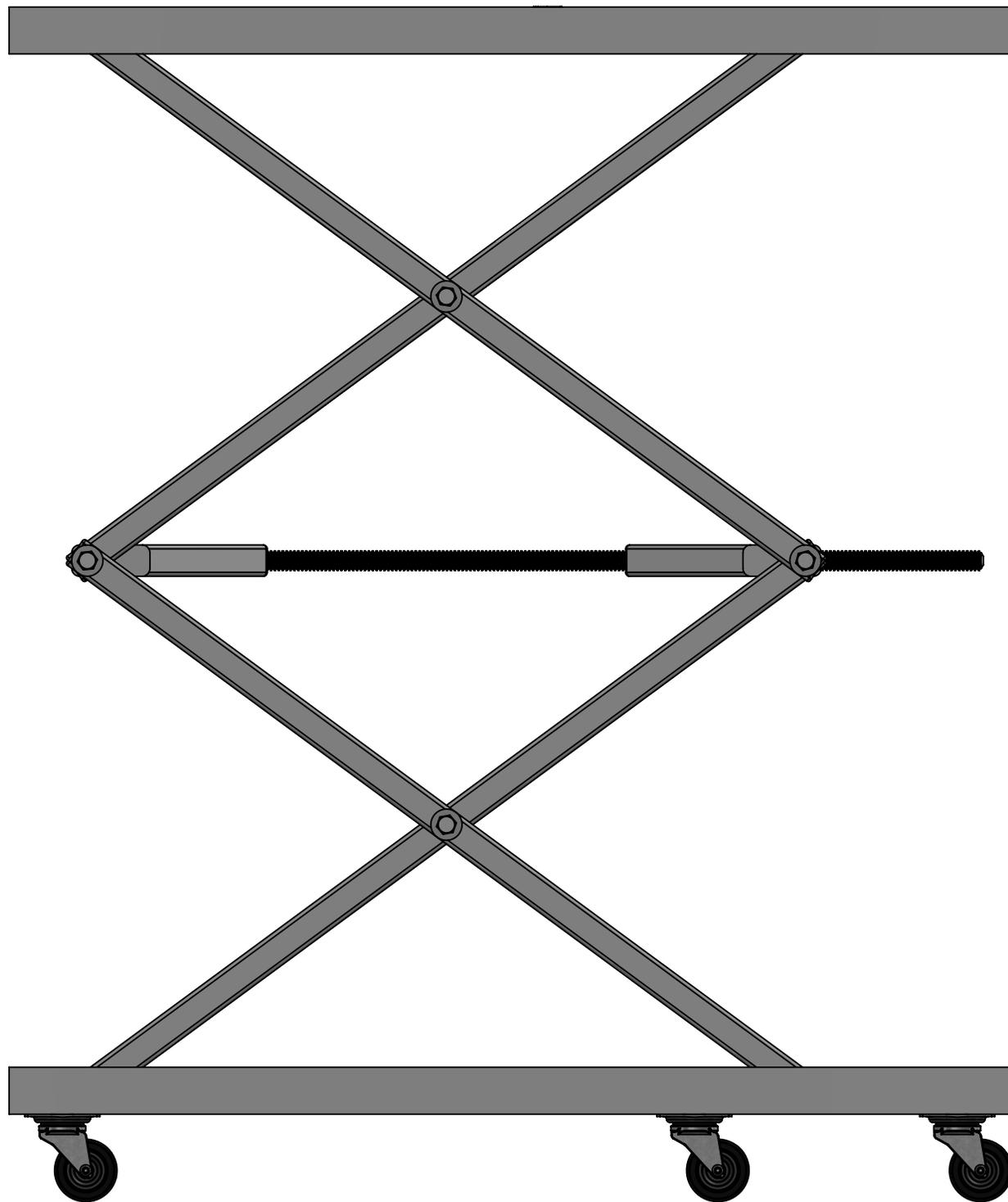
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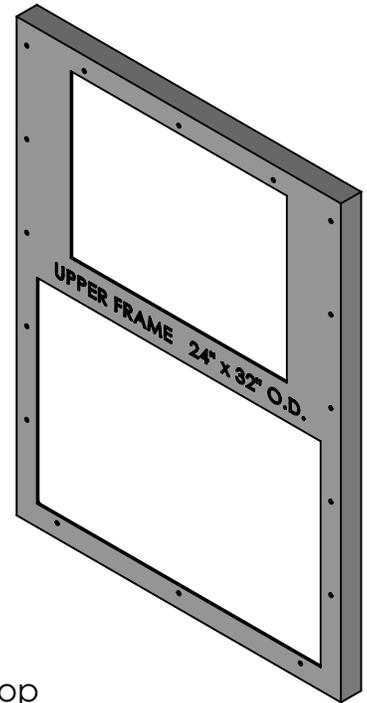




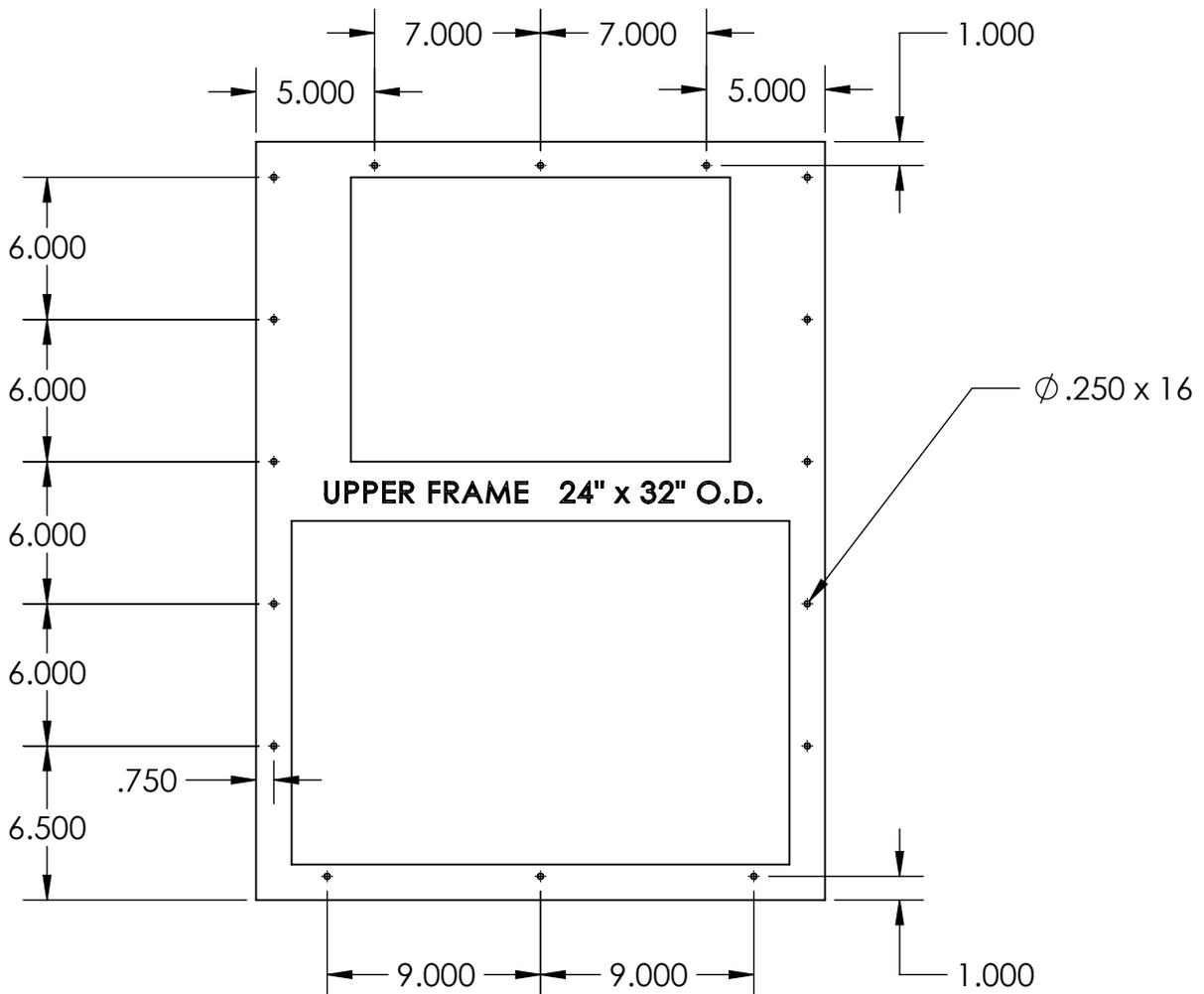
Both Upper & Lower Frames  
are the same dimensions and  
Welded together using:

1 1/2" x 1 1/2" x 1/8" Angle Steel

( SEE - LOWER FRAME for Fabrication Dimensions )

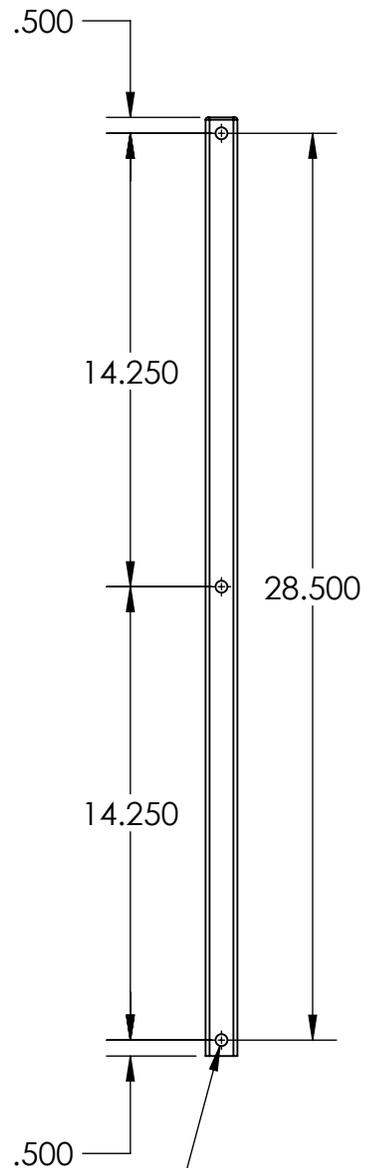
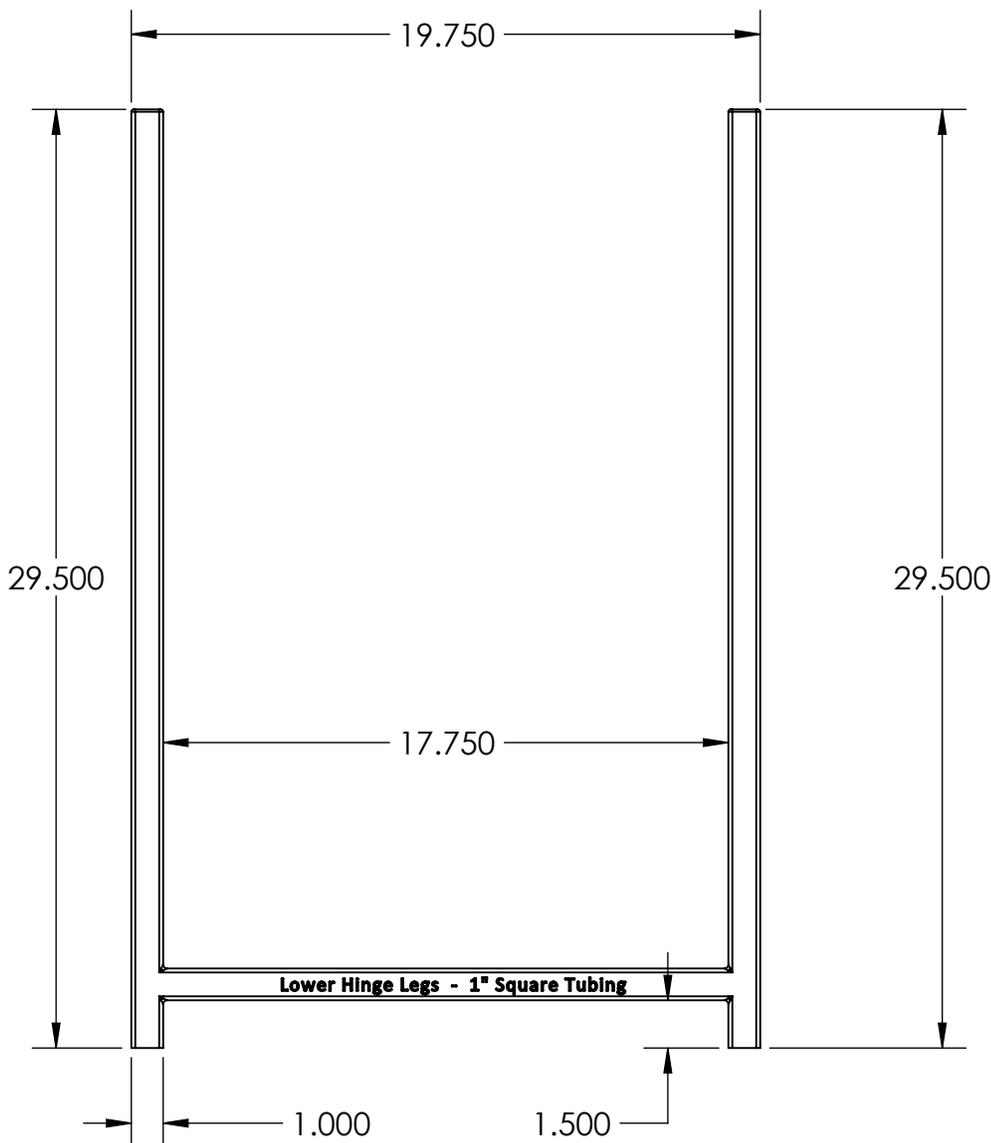
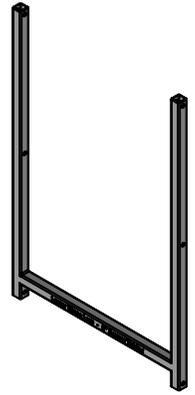


Holes have same dimensions as Wood Table Top

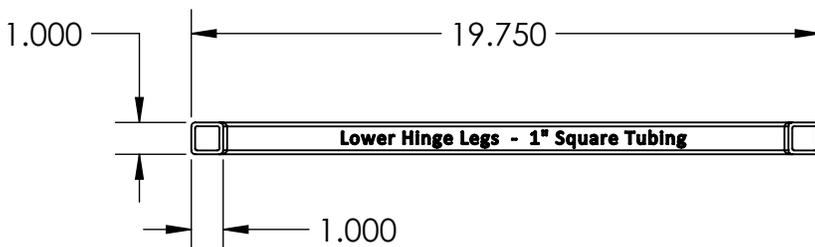


LOWER HINGE LEGS & UPPER WHEEL LEGS  
are the same dimensions  
and welded together Using :

1" x 1" x 0.120" Square Steel Tubing

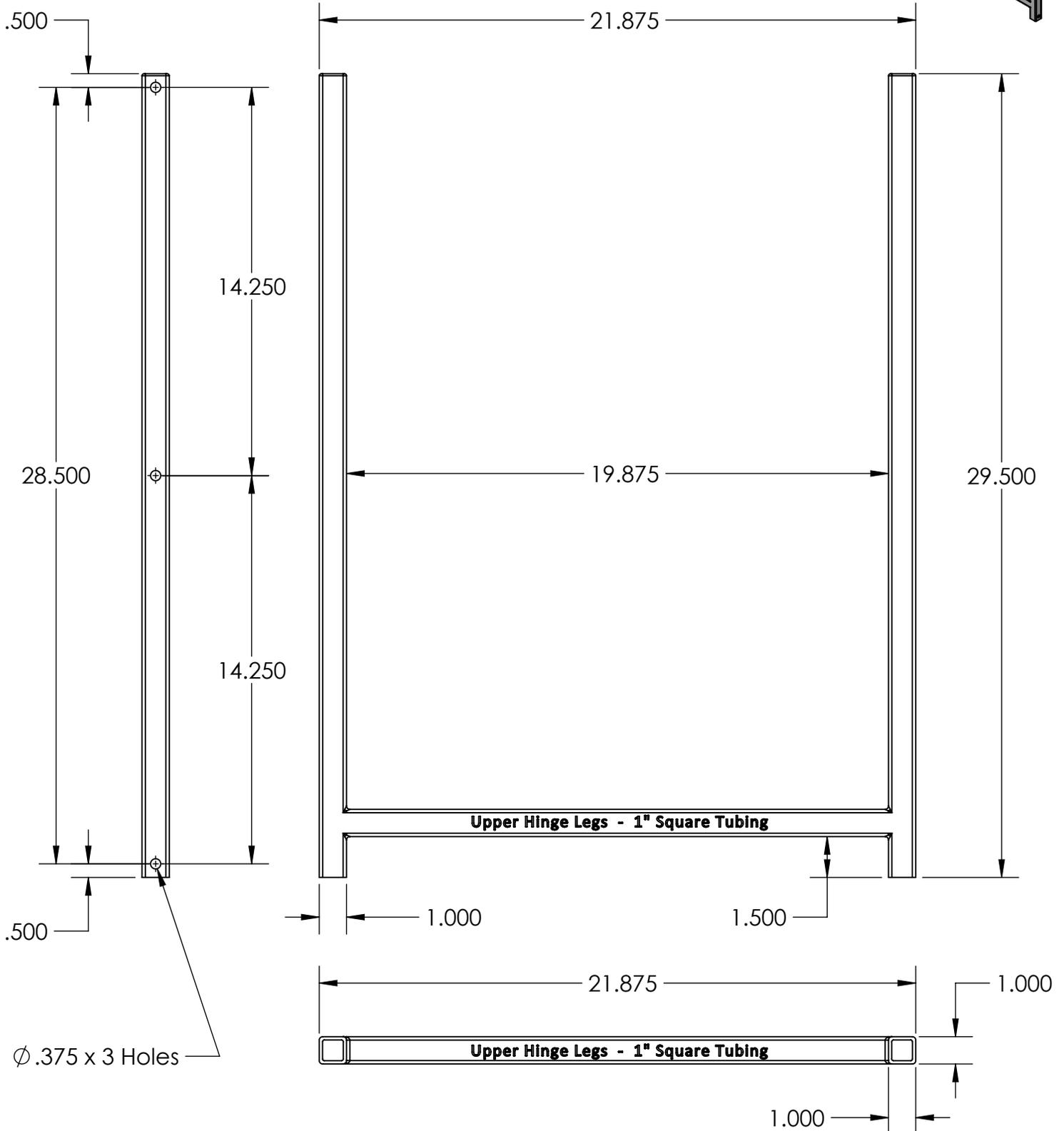
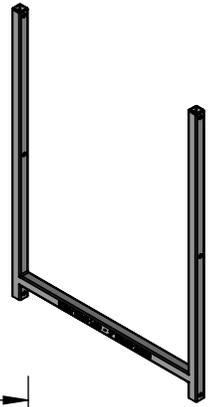


$\phi$ .375 x 3 Holes



UPPER HINGE LEGS & LOWER WHEEL LEGS  
are the same dimensions  
and welded together Using :

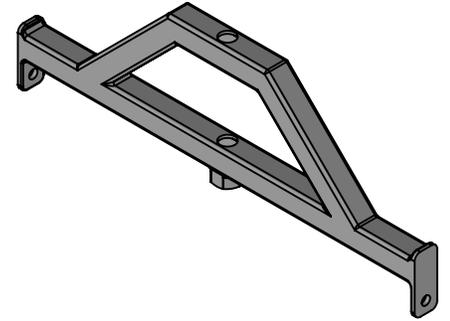
1" x 1" x 0.120" Square Steel Tubing



Both Thread Support Braces  
are the same dimensions  
and welded together using :

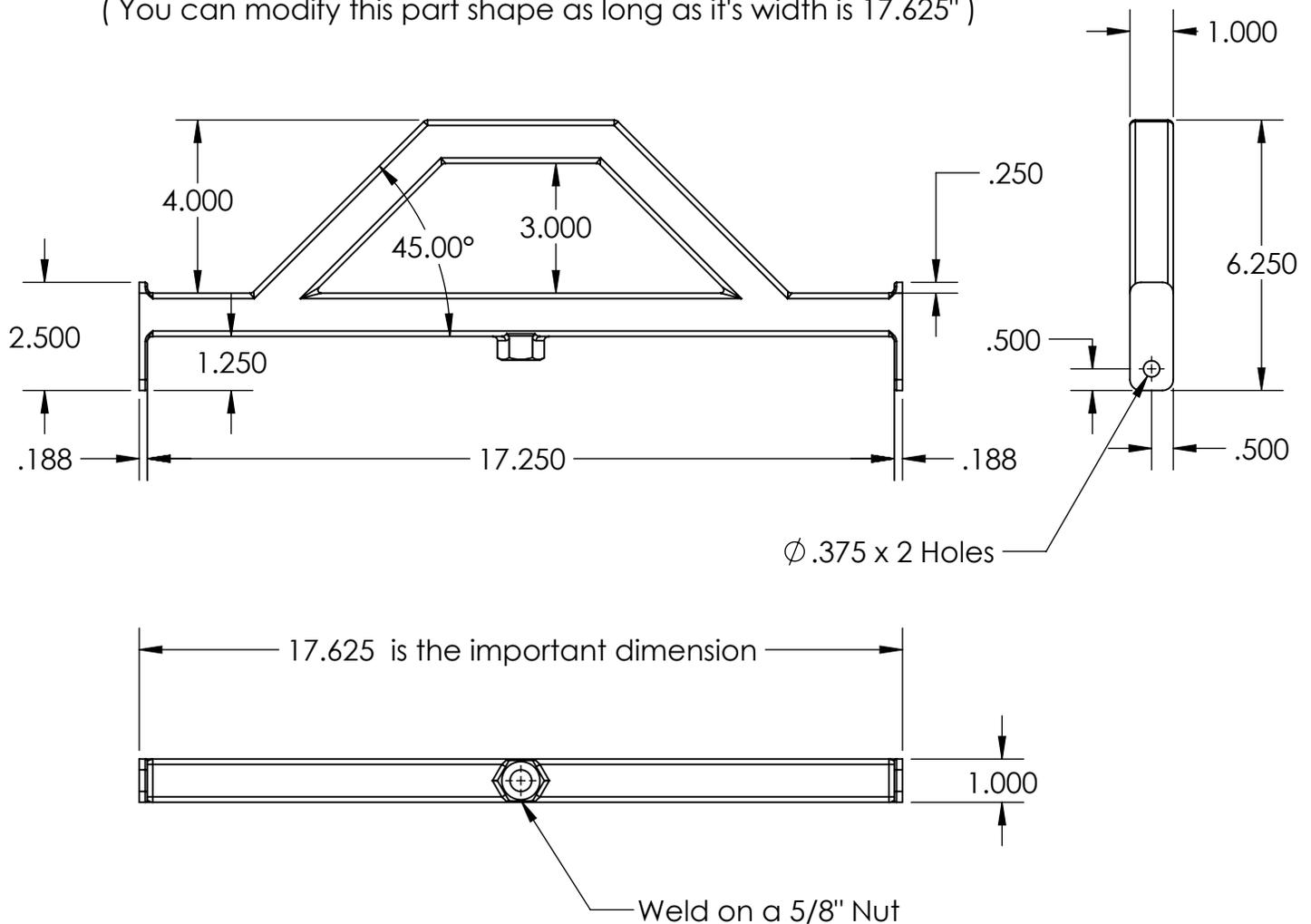
1" x 1" x 0.120" Square Steel Tubing

Side Tabs : 1" x 2 1/2" x 3/16" Flat steel



Weld Nut on one and a Washer on the other

( You can modify this part shape as long as it's width is 17.625" )

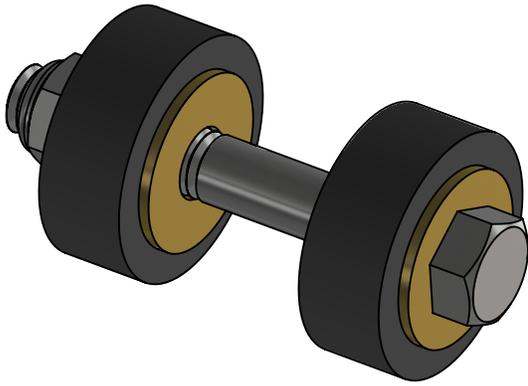


You can use 5/8" (UNC) Thread  
or 5/8" ACME Thread  
(ACME Thread is Much More Expensive)

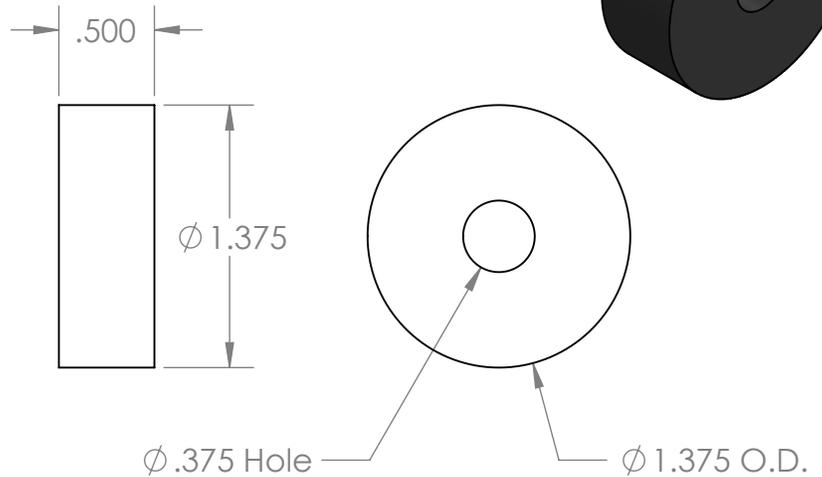
# You can Use Plastic, Delrin, or Bearings for the Wheels

The important dimension is the wheel O.D. needs to be 1.375"

I cut my wheels out of Delrin on the Lathe and drilled a 0.375" hole in each wheel



( Brass Washers next to Wheels )



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## ALL BOLTS ARE 3/8" (UNC)

4 count -- 3.00" Long

8 count -- 2.75" Long

4 count -- 2.25" Long

I am sure you can figure out the Nuts & Washers



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## ALL Flathead Machine Screws are 1/4" (UNC)

16 count -- 1.125" Long

