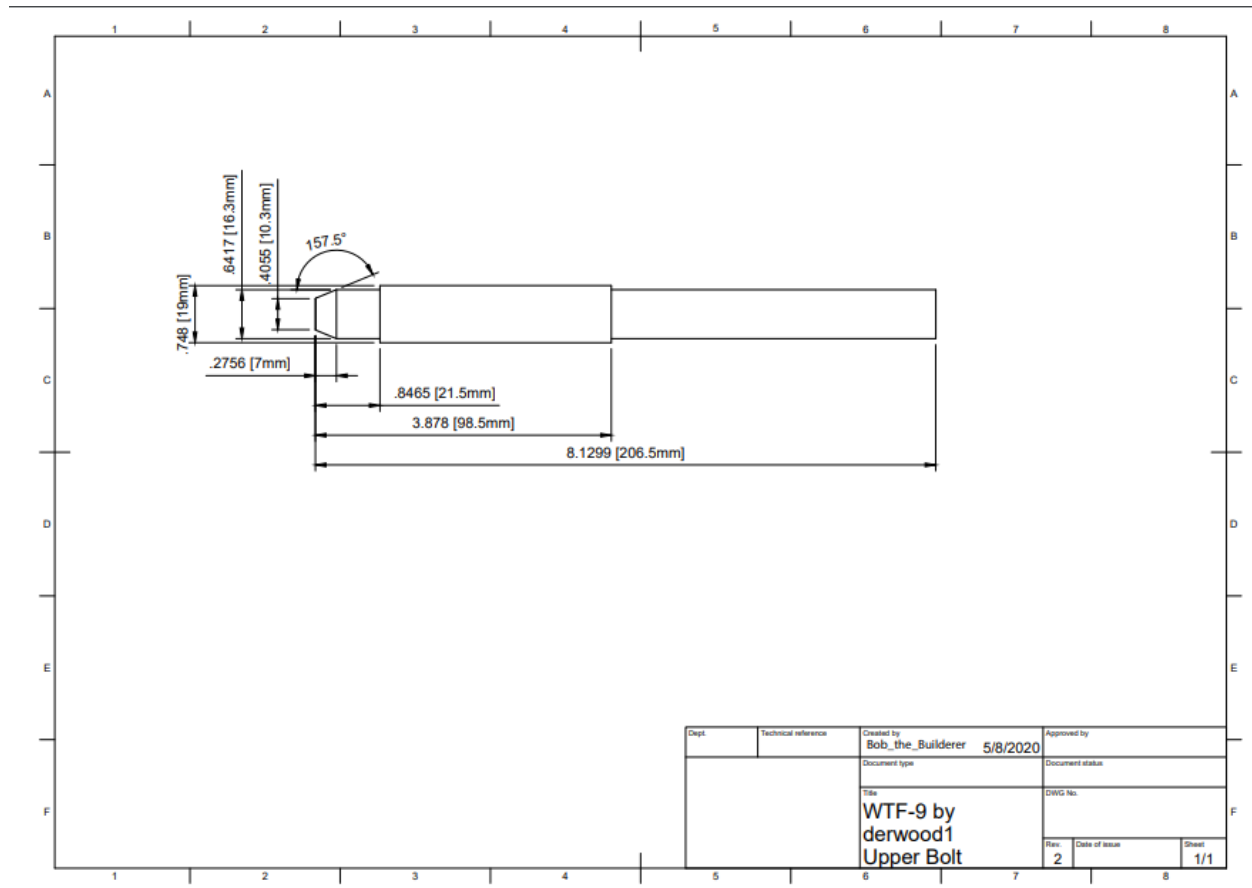


# No lathe upper bolt instructions



## Materials

5/8" metal rod <https://www.homedepot.com/pep/Everbilt-5-8-in-x-36-in-Zinc-Plated-Round-Rod-802337/204273979>

3/4" metal tube with 1/16" wall <https://www.homedepot.com/pep/Everbilt-36-in-x-3-4-in-x-1-16-in-Plain-Steel-Round-Tube-801237/204225742>

## Process

1. Cut the rod and tube to length and shape the chamfer on the back of the rod with something like a belt sander or grinder



2. Use a vice to hold the assembly in the correct position



3. Weld together. There are several ways to do this.
  - I found welding a few spots through the tube works the best.
  - You can also drill a few holes in the tube then weld it together or cut a slit in the tube and weld it together.
4. Grind/sand off the welds to make it smooth.