

Slimline Pen turning checklist

1. Wood blank should be approximately 5"x $\frac{3}{4}$ "x $\frac{3}{4}$ "
2. Drill 7mm hole 2.25-2.5" deep on both ends. (Mark the end to ensure drilling down the center)
3. Mark the blank if you wish to keep the grain in the same direction.
4. Cut the blank $\frac{1}{8}$ " to $\frac{3}{16}$ " longer than the tube.
5. Rough up the side of the brass tube with sandpaper.
6. Glue tube in the blanks using original gorilla glue or equivalent, spaying the glue with water to activate it before inserting. Rotate the tube in the blank to ensure good coverage of glue. Wait 10 minutes and clean any glue from inside the tube before drying. Leave for 24 hours.
7. Use barrel trimmer (in tool box) to cut ends until brass tube is just visible. Insert barrel trimmer inside tube before starting the drill to prevent trimmer from damaging the tube.
8. Place on the mandrel using bushing at both ends and middle.
9. Shape your pieces using lathe tools and sandpaper to desired shape. Ensure that the edges are even with bushings for proper fit in the pen.
10. Once you have the desired shape and smoothness use the wax stick and cloth to do initial polish.
11. Polish with Dr. Woodshop Pen Plus or equivalent. (Acrylic – Hut Ultra Gloss Plastic Polish)
12. Layout and assemble as per pen instructions.