

william wood-write

Mini magnifying glass necklace instructions



Needed:

Mandrel A, drill J/7 mm, bushing 1A

Preparing the blank

1. Cut wood to the length of the brass tube, giving a little extra length for the facing of the blank after the tubes have been glued in.
2. Drill the blank lengthwise with a J/7 mm drill bit.
3. Scuff the brass tube with sand paper to clean off oxidation and give the glue a better adhesion surface.
4. Plug the ends of the tube with a material of your choice – we recommend base plate wax – to prevent glue from getting into the tube.
5. Prepare your glue. We recommend two part epoxy glue – use a fast drying type, one hour or less. Be sure to mix it thoroughly. Wax or baking paper or even a Post-it notepad all make excellent mixing surfaces.
6. Roll the tube in the epoxy. Insert the tube with a twisting motion until it is almost entirely inside the blank. Then use a dowel or small stick to push it until the tube is equidistant between both ends of the blank.
7. Set aside until the epoxy has had time to reach its maximum strength. When the glue has cured, use a hobby knife to remove the plugs from the ends.
8. Using a barrel trimmer of the proper size, square off the blank ends until you can see bright brass tube. **STOP** at this point. This can also be done with the proper jig and a disk sander. *Not having the proper tube length is a common cause of kit failure.*

Turning the blank

1. Put the blank on the mandrel together with the bushings.
2. Tighten the tailstock before tightening the blanks on the mandrel. This will centre the mandrel first. Then tighten the nut that holds the blanks. Do not over-tighten or you may damage your mandrel.
3. Turn the blank to the desired contour, making sure that the area next to the bushing is turned to the size of the adjacent bushing.
4. After turning the blank, sand the surface in progressive steps until you get to 400 or 500 grit.
5. Continue sanding with Micro Mesh through 12000 grit. Apply the finish of your choice and polish.
6. Remove the blanks from the mandrel.

Assembling the kit

1. Push finial into one end of the blank.
2. Push the hilt of glass holder into other end.
3. Put magnifying glass into groove of glass holder.
4. Screw glass holder into threaded end of hilt.
5. Thread chain through hole.