

william wood-write

Detachable key chain instructions



Needed:
Mandrel A, drill 7
mm, bushing 2A

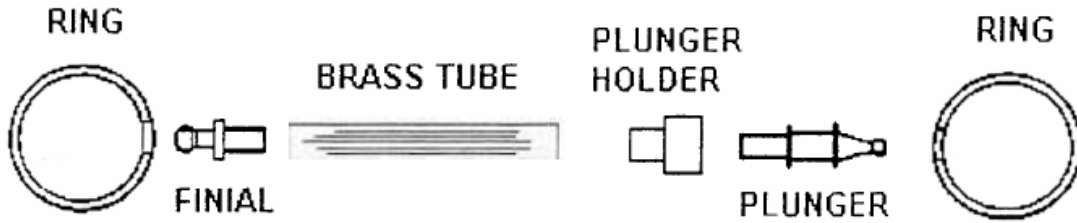
Preparing the blank

1. Cut wood a little longer than the length of the tube (1/16" – 1/8") so you can square off.
2. Scuff up the tube with sandpaper to clean off the oxidation and give the glue a better adhesion surface.
3. Plug the ends of the tube with a material of your choice – we recommend base plate wax – to keep the glue from getting into the tube. Push the tube ends into a thin section of the material to form a plug.
4. Prepare your glue; we recommend two part epoxy. Wax or baking paper or even a Post-it notepad all make excellent mixing surfaces. You can also use thick flexible CA glue, but you have to work quickly to get the tube all the way into the blank before the glue dries.
5. Roll the tube in the epoxy.
6. 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.
8. When the glue has cured, use a hobby knife to remove the plugs from the ends
9. Using a barrel trimmer of the proper size, square off the ends of the blanks until you can see bright brass tube. STOP at this point. This can also be done with the proper jig and a disk sander.

Turning the blank

1. Assemble the blank and bushings on the mandrel.
2. Tighten the tailstock, then lightly tighten the nut that holds the blanks. Do not over-tighten the brass thumbnut or apply excessive force as this can bend your mandrel and cause your turning to come out oval. You may use a spacer to give you more room between the thumbnut and the last bushing.
3. Turn the blank to the desired contour, using the bushings as a sizing guide.
4. Sand the surface in progressive steps until you get to 400 or 500 grit.
5. For a smooth finish, sand using Micro Mesh to 12,000 grit and apply a finish of your choice.
6. Remove the blank from the mandrel.

Assembling the kit



1. Press finial into one end of finished barrel.
2. Press plunger holder into opposite end.
3. Insert plunger into holder.
4. Slip ring into hole at both ends.
5. Make sure the screw inside the plunger is very tight. Do this by pushing out plunger and tightening with a small screw driver.