

william wood-write

Pocket purse pen instructions



Needed:

Mandrel A, drill 3/8, bushing 6A

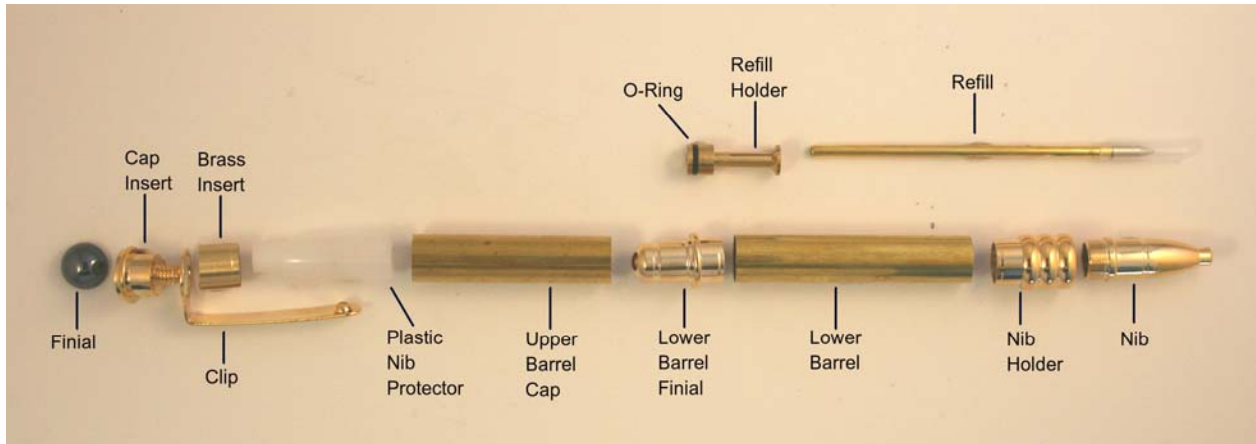
Preparing the blanks

1. Cut the blanks 1/8" longer than brass tube to allow for squaring off the ends after the tubes have been glued in.
2. Drill the blanks length-wise with the 3/8 drill bit.
3. Scuff the brass tubes with sand paper to clean off the oxidation and give the glue a better adhesion surface.
4. Plug the ends of the tubes with a material of your choice – we recommend base plate wax – to keep the glue out of the inside of the tube. Just push the ends of the tubes into a thin section of the material, forming a plug. *This is important: glue inside the tubes is a common cause of kit failure.*
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. 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.
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. Repeat with the other 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. *Not having the proper tube length is another common cause of kit failure.*

Turning the blanks

1. Mount the wood and the bushings on the mandrel.
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 risk bending your mandrel, causing your blanks to turn oval instead of round.
3. Turn the blanks to the desired shape, making sure that the area next to the bushing is turned to the size of the adjacent bushing.
4. Sand the surface in progressive steps until you get to 400 or 500 grit. Then continue sanding with Micro Mesh through 12000 grit. Apply the finish of your choice and polish.
5. Remove the blanks from the mandrel.

Assembling the parts



Lower barrel (long)

1. Push refill holder into lower barrel finial (end with "O" ring).
2. Press finial into one end of the long barrel.
3. Press nib holder into other end of barrel.
4. Push ink refill into refill holder. Try this before assembling.
5. Screw on the nib.

Upper barrel (short)

1. Slide clip over cap finial.
2. Press cap finial into large end of the brass insert.
3. Screw on plastic nib protector.
4. Press this assembly into one end of the short barrel.
5. Glue on black finial cap.
6. Snap cap onto lower barrel – the pen is finished!

Please note that the plastic nib protector is not threaded on the inside, which can make it difficult to screw onto the cap insert properly. Since this pen kit is a "snap cap" design, it won't be as tight as a screw on cap even when adjusted properly.