

Soft Grip Stylus



Needed:

Mandrel A, drill 7 mm, bushings 42A

Preparing the blanks

1. Cut the blanks $\frac{1}{4}$ " longer than the brass tubes so you can square it off once the tube has been glued in.
2. Drill each blank lengthwise through the center with a 7 mm drill bit.
3. Scuff up the tube with sandpaper to clean off the oxidation and give the glue a better adhesion surface.
4. Plug the tube ends with a material of your choice – we recommend baseplate wax – to keep the glue from getting into the tube. Just push the ends of the tubes into a thin section of the material to form a plug.
5. Roll the tube in the glue and insert it into the blank with a twisting motion until it is equidistant between both ends of the blank. Repeat with the other blank.
6. Set aside until the glue has had time to reach its maximum strength.
7. When the glue has cured, use a

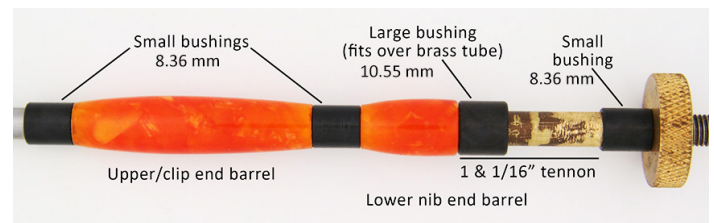
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hobby knife to remove the plugs from the ends.

8. Using a barrel trimmer of the proper size or the proper jigs and a disk sander, square off the ends of each blank until you can see bright brass tube.

Turning the blanks



1. Assemble the blanks on the mandrel referring to the diagram above, but using only the three small bushings.
2. Turn the blank to the desired contour.
3. Remove a $1 \frac{1}{16}$ " tennon of material down to the tube on the nib end blank with a parting tool, as shown in the image above.
4. Chisel off all the wood and glue. If glue or wood remains you will need to sand the tube when it is time to slide on the trim ring later in the assembly process.
5. Remove the small nib end bushing

and slide the larger bushing on over the exposed tube and up against the blank. Slide the small bushing you had removed back on and tighten the mandrel again.

6. Turn the pen blanks to the desired shape using the bushings as a sizing guide.
7. After turning the blanks, sand the surface in progressive steps until you get to 400 or 600 grit.
8. If a higher polish finish is desired, continue sanding with Micro Mesh through to 12,000 grit. Then apply a finish of your choice and polish.
9. Remove the blanks from the mandrel.

Assembling the kit

1. Please refer to the parts diagram below.
2. Slide the trim ring onto the bare tube and push all the way to the material. You may need to sand the tube down a bit to allow the trim ring to slide on.
3. Press the center connector into the centre band ends of the blanks.
4. Place the clip over the finial and press that into the finial end of the stylus.
5. Press the tip bushing into the end that has no material on it.
6. Slide the soft grip onto the bare tube.
7. Screw on the stylus tip.

