Notus Click Ballpoint Pen Kit by Beaufort

william wood-write
penblanks.ca

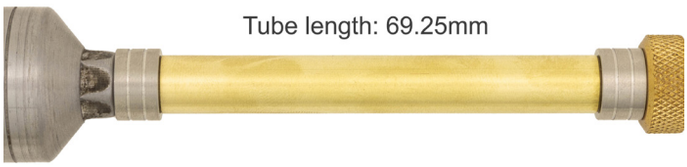
Needed:

7mm pen mandrel, drill 3/8, bushings NT-CLK-BU

Preparing the blank

1. Cut the blank the length of the brass tube, giving a little extra length for squaring up the ends of the blank after the tube has been glued in.
2. Drill the blank lengthwise with a 3/8 drill bit.
3. Scuff the brass 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 tube into a thin section of the material to form a plug. This is important: glue inside the tube is a common cause of kit failure.
5. Roll the tube in glue and insert it into the blank with a twisting motion until the tube is equidistant between both ends of the blank.
6. Set aside until the glue has had time to cure.
7. When the glue has cured, use a hobby knife to remove the plugs from the ends.
8. Using a 3/8 pen mill or the proper jigs and a disk sander, square off the ends of the blank until you can see bright brass tube. Not having the proper tube length is another common cause of pen failure.

Turning the blank



1. Set up your blank and bushings on the mandrel. Both bushings are identical and can be used in either position.
2. Turn the pen blank to the desired shape using the bushings as a sizing guide.
3. After turning the blank, sand the surface in progressive steps until you get to 400 or 600 grit.
4. If a higher gloss finish is desired, continue sanding with Micro Mesh through to 12,000 grit. Then apply a finish of your choice and polish.

5. Remove the blank from the mandrel.

Assembling the pen

1. Press the nib connector into one end of the tube.
2. Slide the clip over the tenon on the click mechanism and press this assembly into the other end of the tube. **Important**: Do not put pressure directly on the click button. This will damage the click mechanism. Instead, use one of the following methods:
   i. Make a press block from a scrap piece of wood. Drill a hole that is wider than the button, but narrower than the shoulder of the mechanism finial (a 27/64 or 10.7mm drill should work well). This will protect the button while pressing, as the pressure will be on the finial.
   ii. Alternatively, remove the button by unscrewing it from the mechanism (be careful not to lose the button). You can then press directly on the finial. Screw the button back onto the mechanism.
3. Slide the spring over the refill, tapered end first.
4. Insert the refill up through the nib connector. Ensure that it engages properly with the mechanism by twisting it around until it seats itself in.
5. Screw the nib on over the nib connector.