

Xiamen Rizheng Industry Co.,Ltd

Sphere Stylus Click Pen Kits Assembly Instructions

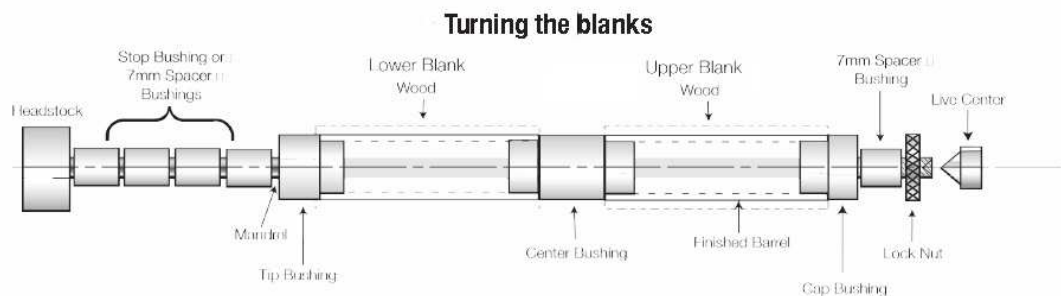
Supplies Needed

- 7mm Pen Mandrel
- 8mm Drill Bit RZ-DB008
- Set of Bushings RZ-BPTCL188#-BU
- 8mm barrel trimmer RZ-PM012
- Glue (Thick CA or Epoxy)
- Sandpaper/Finish
- Drill or Drill Press
- Pen Press or Clamp
- Eye and Ear Protection



PREPARING THE BLANK

- Cut 3/4" to 5/8" square blanks to the length of the brass tubes (add 1/16" for squaring off).
- Drill an 8mm center hole lengthwise through each blank.
- Spread glue over tube. Insert the tube into the blank with a twisting motion to spread the glue evenly inside. Center each tube lengthwise in the blanks.
- When the glue dries, square the ends of the blanks. Use an 8mm barrel trimmer or use a belt/disc sander to trim the wood down flush to the end of the brass tubes.



TURNING THE BLANK

- Place blank onto the mandrel, use 4 or 5, 7mm spacer bushings. Place the cap bushing (wider dia. first) on the mandrel. Then slide on either blank. Place the center bushing on the mandrel.
- Slide on the other blank and follow with the tip bushing, (narrow dia. first). Fill any extra space with more spacer bushings so the lock nut will be on the threads. Thread on the lock nut hand tight. Bring the tail stock snug with the mandrel. (Do not overtighten, it could damage the mandrel).
- Turn the wood down flush with the bushings using a lathe chisel and gradual higher grits of sand paper. Final sand both blanks for later finishing.
- Finish the blanks with your choice of polish and waxes.



PEN ASSEMBLY

- Press the center band, short extension in first into one end of the lower tube.
- Insert the mechanism assembly, narrow threaded end in first into the upper barrel.
- Press the exposed end of the center band into the upper barrel to follow the mechanism.
- Insert the washer first into the upper tube, insert the plunger coupler with the clip, recess end in first into the opposite end of the upper barrel. Press in.
- Press the tip coupler into the lower tube
- Insert refill and spring into the lower tube
- Screw the stylus tip to the tip coupler. Then screw the tip.
- Insert the plunger into the opposite end of the pen, screw in.
- The pen operates by pushing the plunger to extend or retract the refill.