

Xiamen Rizheng Industry Co.,Ltd

Phone stand stylus pen kits Assembly Instructions

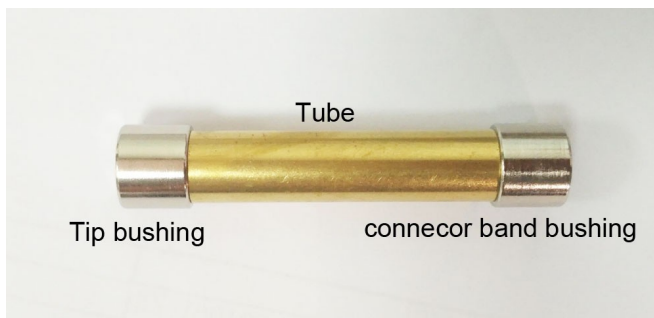
Required Accessories

- 7mm pen mandrel
- 2-piece Bushing Set RZ-BPTS342#-BU
- 10mm drill bit RZ-DB010
- 10mm barrel trimmer RZ-PM014
- Live Tailstock Center
- Glue (Thick CA or Epoxy)



Preparing the Blank

- Cut 1 blank to the length of the tube and add 1/16" for squaring off.
- Drill one 10mm hole lengthwise through the blank.
- Spread glue over the tubes, insert the blank with a twisting motion to spread the glue evenly inside.
- Center the tube lengthwise inside the blank.
- When the glue is dry, square the ends of the blank. Use a 10mm barrel trimmer, or a universal pen blank squaring jig with a power disc sander. Take the excess material down flush with the ends of the brass tube. (do not trim beyond the length of the tube since this may interfere with operation of the mechanism and assembly). Use a barrel trimmer to clean the inside of the tube.

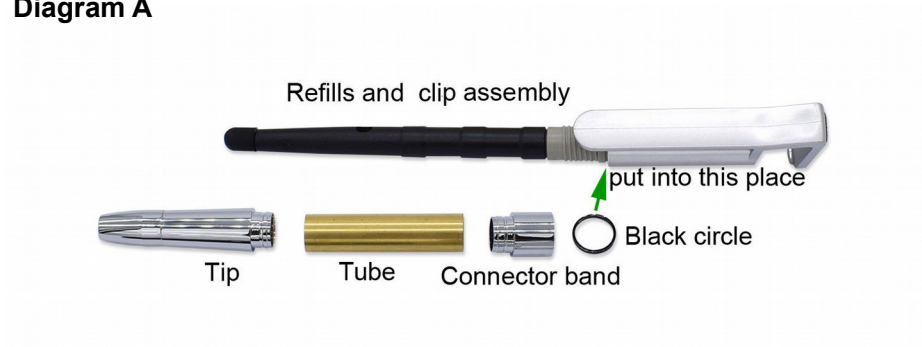


Turning the Blank

- Mount the bushings and blank according the diagram above.
- Thread on the knurled nut and hand tighten to hold all components in place.
- Slide the tailstock up snugly against the mandrel shaft inserting the live center point into the mandrel dimple, lock in place.
- Hand tighten the quill adjustment to firm up the mandrel. (DO NOT overtighten, it could damage the mandrel.
- Using sharp tools, turn the blank down close to the bushing diameter. Turn the barrel (straight or to a profile of your choice)
- Sand the blank down to be flush with the bushings gradually increasing the sandpaper grits.

- Finish the barrel with your choice of polish. Allow sufficient time for the polish to cure.

Diagram A



Assembly

- Layout Finished parts according to Diagram A
- Press the tip into one end of the tube.
- Press the connector band into the other end of the tube.
- Put the black circle into the top thread of refills and click assembly.
- Insert and screw the refill and clip assembly with the black circle into the open end of the tip.
- The pen operates by twisting the ends to advance or retract the refill for writing.