

Xiamen Rizheng Industry Co.,Ltd

Aluminium Ink Fountain/Rollerball Pen Kits Instructions

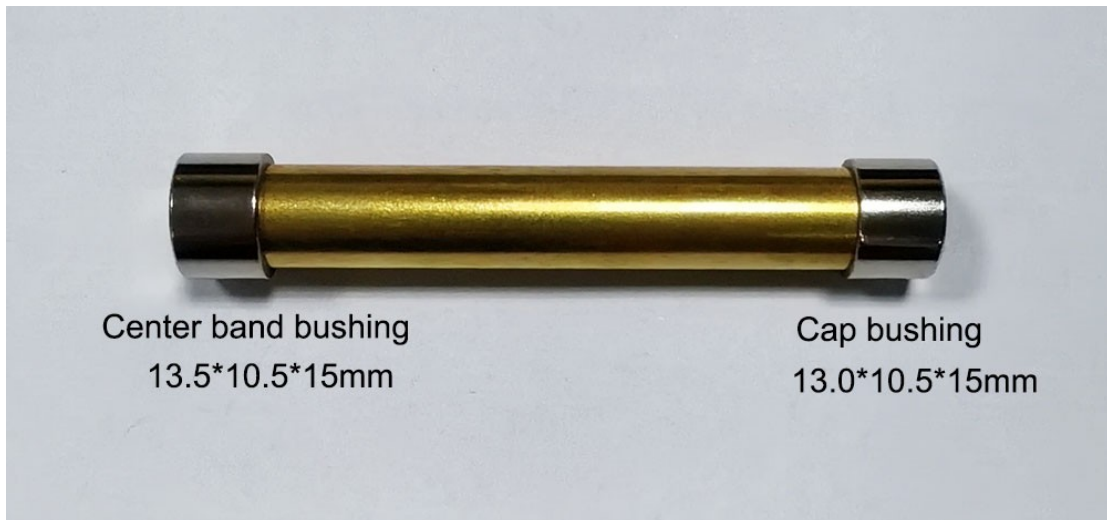
Required Accessories

- 7mm pen mandrel
- 2-piece Bushing Set RZ-RP664#-BU
- Drill Bit 11.3mm RZ-DB113
- Live Tailstock Center
- Glue (Thick CA or Epoxy)



Preparing the Blank

- Cut one pen blank to the length of the brass tube (add 1/16" for trimming).
- Drill a 11.3mm hole lengthwise through the blank.
- Spread glue over the tube; 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 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.

Fountain pen kits



Rollerball pen kits



Assembly

- Arrange parts according to above diagram.
- Press the end cap into one end of the tube.
- Press the center band into the other end of the tube.

Fountain Pen Kits-----Attach the ink converter to the back of the fountain nib, then thread the fountain nib into the center band.

Rollerball Pen Kits----- Attach the ink converter to the back of the rollerball nib,. Thread the rollerball nib into the center band.