

Xiamen Rizheng Industry Co.,Ltd

Atomizer Pen Kits Assembly Instructions

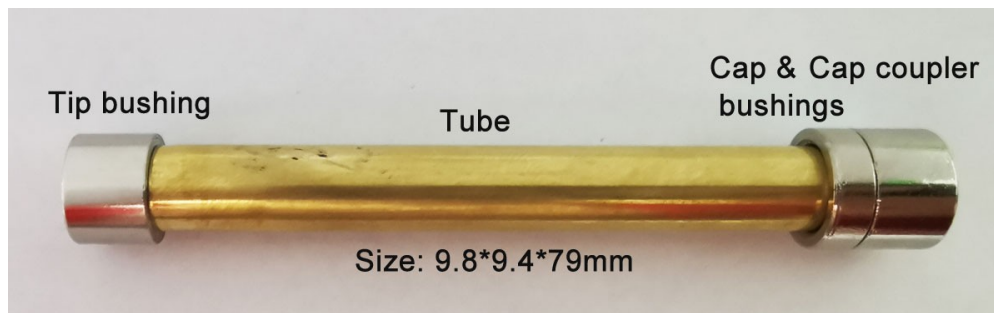
Required Accessories

- 7mm pen mandrel
- 3-piece Bushing Set RZ-BP463#-BU
- 10mm Drill Bit RZ-DB010
- Barrel Trimmer
- Live Tailstock Center
- Glue (Thick CA or Epoxy)



Preparing the Blank

- Cut 1 blank to the length 75mm of the tube and add 1/16" for squaring off.(You need to leave about 4mm exposed at the top of tube.)
- Drill a 10mm 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.



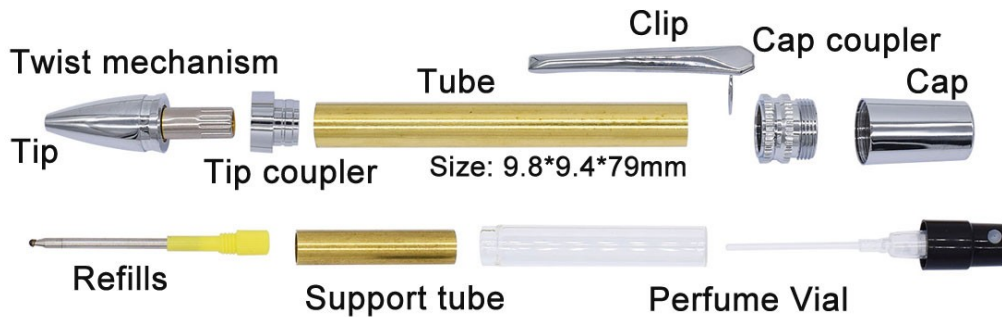
Turning the Blank

- Mount the bushings and blank according the diagram above.(The exposed tube should be inserted the cap coupler bushing.)
- 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

NOTE: Layout Finished parts according to Diagram A

- Press the tip coupler into either end of the Tube.
- Insert the clip and press the exposed tube into the the cap coupler(about 4mm).
- Screw the refills into the twist mechanism, then push the tip assembly and large tube together.
- Insert the support tube into the large tube, then put the perfume vial assembly into the tube and screw the cap well.
- The pen operates by twisting the ends to advance or retract the refill for writing. It hides the atomizer underneath a cap at the top of the pen. Elegant shape and easy to carry it.