

Xiamen Rizheng Industry Co.,Ltd

Mini Perfume Atomizer Kits Assembly Instructions

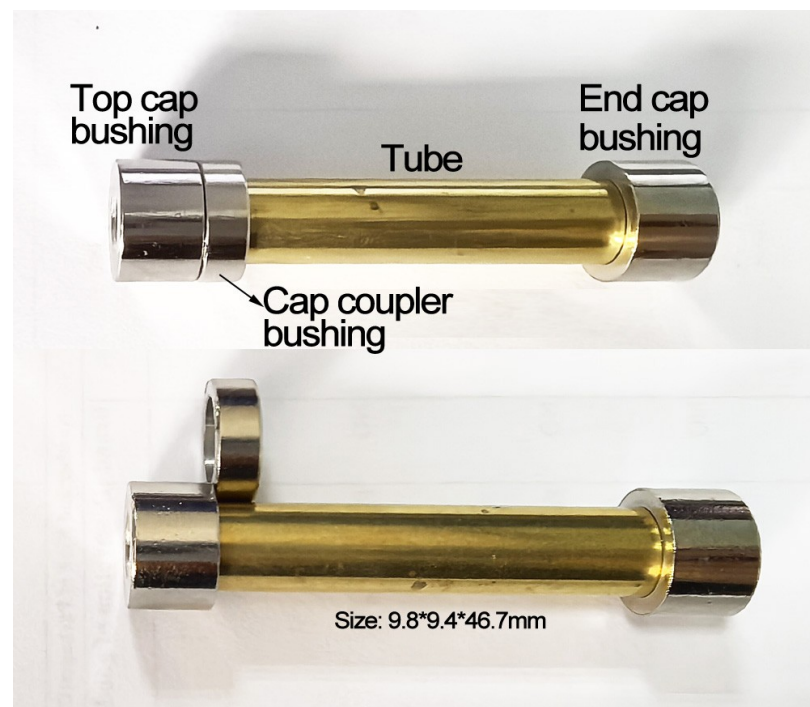
Required Accessories

- 7mm pen mandrel
- 3-piece Bushing Set RZ-PK702#-BU
- 10mm Drill Bit RZ-DB010
- Barrel Trimmer
- Live Tailstock Center
- Glue (Thick CA or Epoxy)

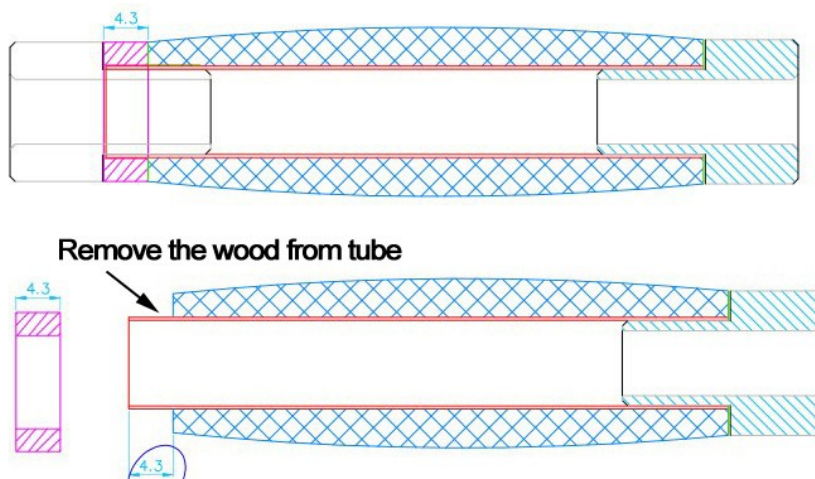


Preparing the Blank

- Cut 1 blank to the length 46.7mm of the tube and add 1/16" for squaring off. (You need to leave about 4.3mm 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.



Drawing:



Turning the Blank

- Mount the bushings and blank according the diagram above in advance.(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.
- Turn the wood down, using lathe chisels and abrasives, to the size of the cap coupler bushings. Make a pencil mark 4.3mm from the end of the wood blank (see drawing). Use a parting tool to remove the wood down to the brass tube and to the cap coupler Bushing. Keep a sharp 90° corner on the wood.
- 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 end cap into either end of the tube.
 - Unscrew the cap coupler from the top cap, then press the exposed tube to the cap coupler(no gap between the wooden blank and cap coupler)
 - Insert the perfume vial assembly into the tube, test the perfume vial can be used well.
- Take out the black top of perfume vial, fill the vial with your perfume or other liquid using the plastic filler. Everything is ok, you could screw the top cap well.