

EDC Pen Kits Assembly Instructions

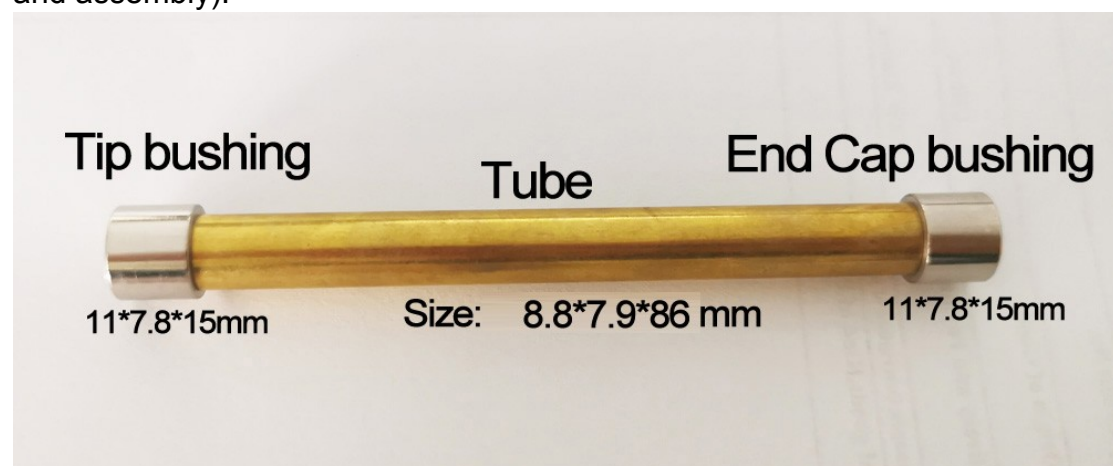
Supplies Needed

- Pen Mandrel
- 9mm Drill Bit
- Set of Bushings RZ-RP620#-BU
- Glue (Thick CA or Epoxy)
- Sandpaper/Finish
- Drill or Drill Press
- Barrel Trimmer/Disc Sander
- Pen Press or Clamp
- Eye and Ear Protection



Preparing the Blank:

- Cut 1 blank to the length of the tube and add 1/16" for squaring off.
- Drill a 9mm 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 end of the blank. Use 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).



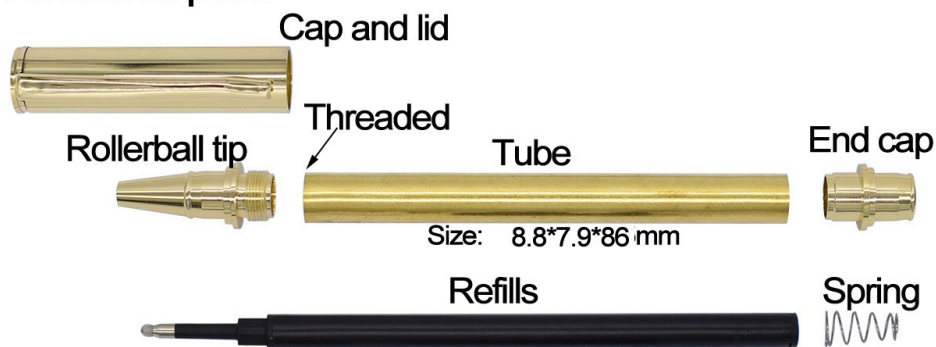
Turning the Blank

- Mount the bushings and blanks according to diagram B.
- Thread on the knurled nut and hand tighten to hold all components in place.

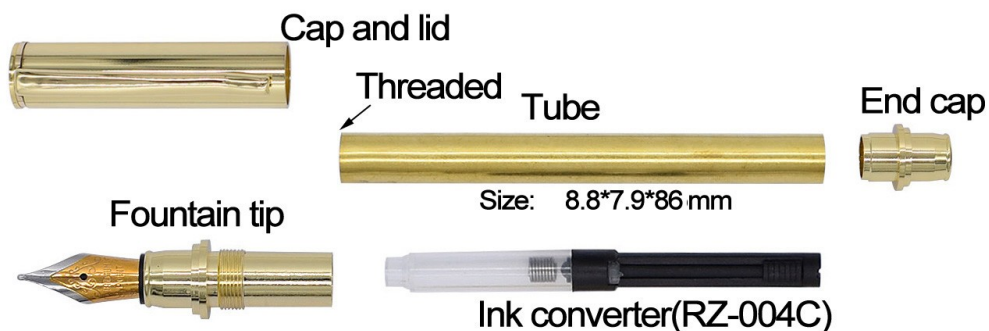
- Slide the tailstock up snugly against the mandrel shaft inserting the live center point into the mandrel dimple, lock in place.
- Hand tighten the quill adjustment to firm up the mandrel. (DO NOT overtighten, it could damage the mandrel)
- Using sharp tools, turn the blank down close to the bushing 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. Refer to polish instructions.

Diagram A

Rollerball pen:



Fountain pen:



Assembly

Layout parts according to diagram A.

- Press the end cap into one end of the tube without a thread.

For Rollerball pen:

- Put the refill and spring inside the tube.
- Thread the rollerball tip to the threaded tube.

For Fountain pen:

- Attach the ink converter to the back of the fountain nib, then thread the fountain nib into the threaded tube.
- Lastly place the cap and lid onto the pen.