

Xiamen Rizheng Industry Co.,Ltd

DIY Beadable Pen Kits Assembly Instructions

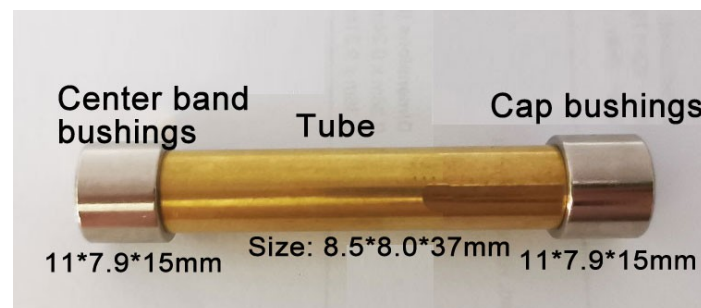
Required Accessories

- 7mm pen mandrel
- 2-piece Bushing Set RZ-BP555#-BU
- 8.7mm drill bit(RZ-DB11/32)
- Barrel Trimmer
- Live Tailstock Center
- Glue (Thick CA or Epoxy)



Preparing the Blank

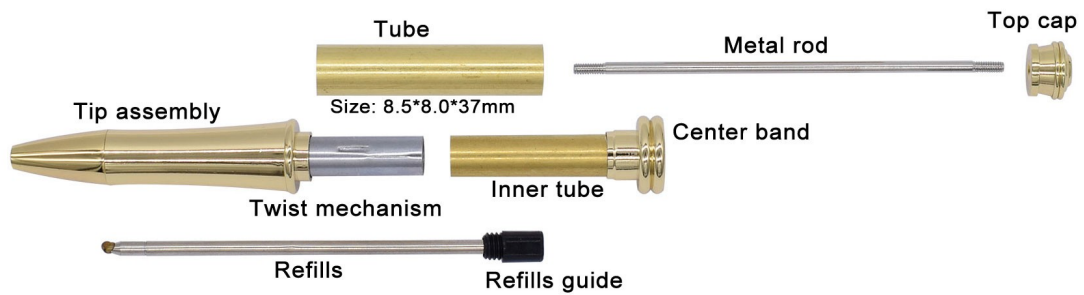
- Cut 1 blank to the length of the tube and add 1/16" for squaring off.
- Drill one 8.7mm hole lengthwise through the blank.
- Spread glue over the tubes, insert the blank with a twisting motion to spread the glue evenly inside.
- Center the tube lengthwise inside the blank.
- When the glue is dry, square the ends of the blank. Use a 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

NOTE: Layout Finished parts according to Diagram A

- Press the center band with inner tube into the end of the Tube.
- Screw the Refill into the Tip assembly by hand.
- Push the two halves of the pen, tip assembly and the tube assembly.
- Screw the either end of the metal rod into the center hole of center band. Then put some Pandora beads on the metal rod directly and screw the top cap into the opposite end of metal rod. (If you want to change the pen blank on the metal rod, you need to make a special shape pen blanks by yourself, the length is about 69mm, then drill a hole in the middle and put it on the metal rod.)
- The pen operates by twisting the ends to advance or retract the refill for writing.