

Xiamen Rizheng Industry Co.,Ltd

Projector Pen Kits Assembly Instructions

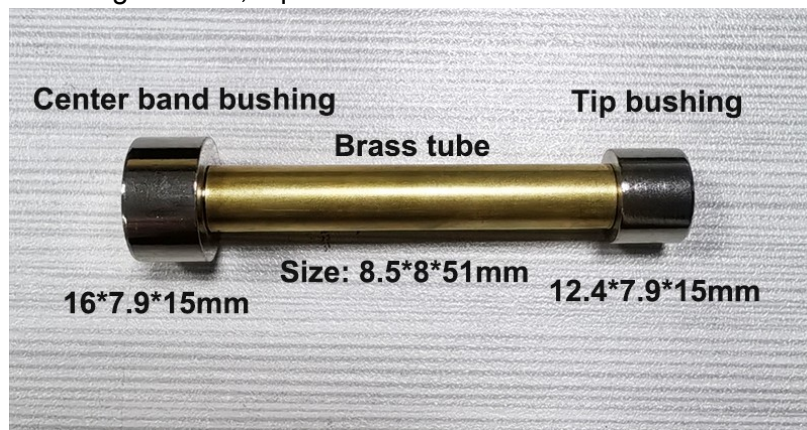
Required Accessories:

- 7mm pen mandrel
- 2 piece Bushing Set RZ-BP474#-BU
- Drill bit RZ-DB11/32
- Universal Barrel Trimmer
- Live Tailstock Center
- 2 part epoxy glue or instacure glue
- Minimum Blank size: 3/4" x 3/4" x 2-5/32"



Preparing the Blanks:

- Prepare a master blank of at least 3/4" square. Cut it to the length of brass tube. (Add 1/16" for trimming)
- Mark the center of each blank.
- Drill a centered hole lengthwise through the blank.
- Glue each tube in the blank. Spread the glue over the tube. Insert the tube into the blank with a twisting motion to spread the glue evenly inside. Center the tube lengthwise inside the blank.
- When glue dries, square the end of the blank.

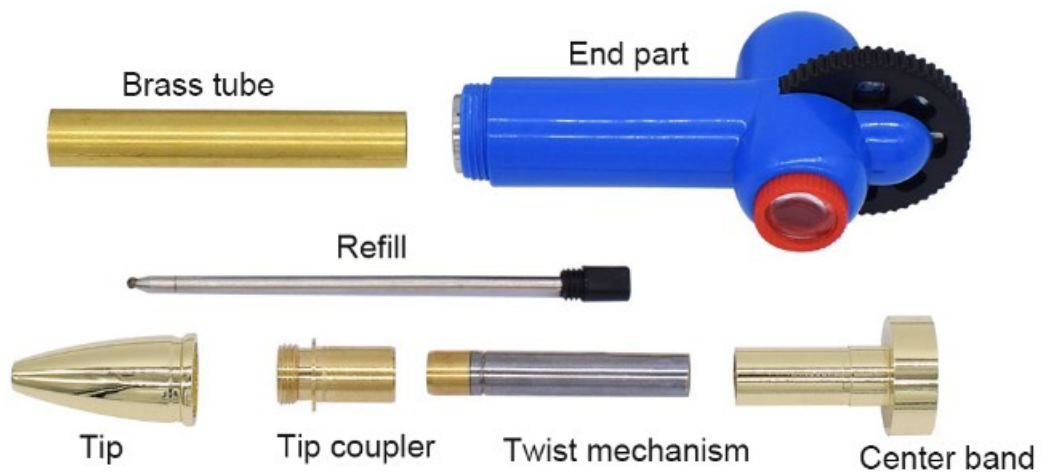


Turning the Blanks:

- Mount the bushings and blanks on the mandrel according to 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.



Pen Assembly

NOTE: Line up the components according to the above picture.

- Press the center band into one end of the brass tube
- Press the yellow part of twist mechanism into the end of tip coupler.
- Screw the refill to the twist mechanism.
- Push the tip coupler into the other end of the brass tube. The tip coupler will be catch by the center band.
- Screw the tip to the tip coupler.
- Put the battery into the end part, then screw the end part to the center band.