

# Xiamen Rizheng Industry Co.,Ltd

## Fidget Spinner Pen Kits Assembly Instructions

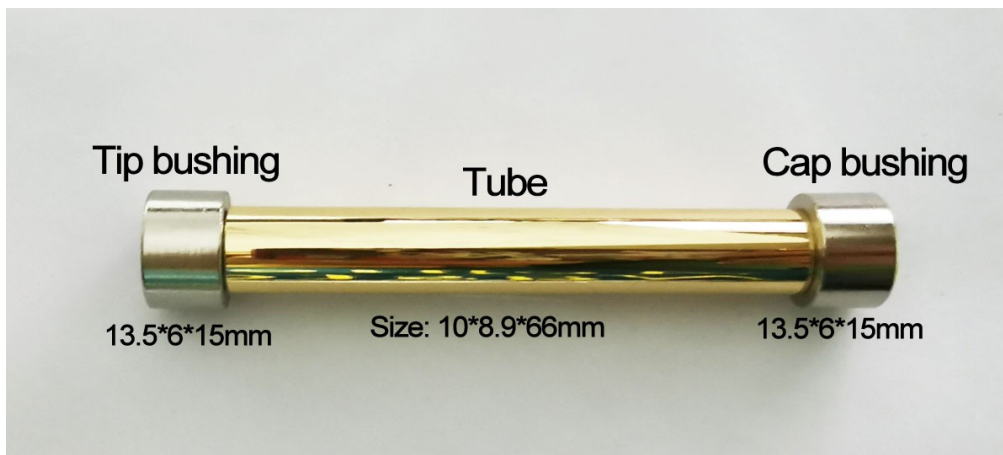
### Required Accessories

- 7mm pen mandrel
- 2-piece Bushing Set RZ-BP523#-BU
- 10.2mm Drill Bit
- Live Tailstock Center
- Glue (Thick CA or Epoxy)



### Preparing the Blank

- Cut 2 blanks to the length of the tube and add 1/16" for squaring off.
- Drill a 10.2mm 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.

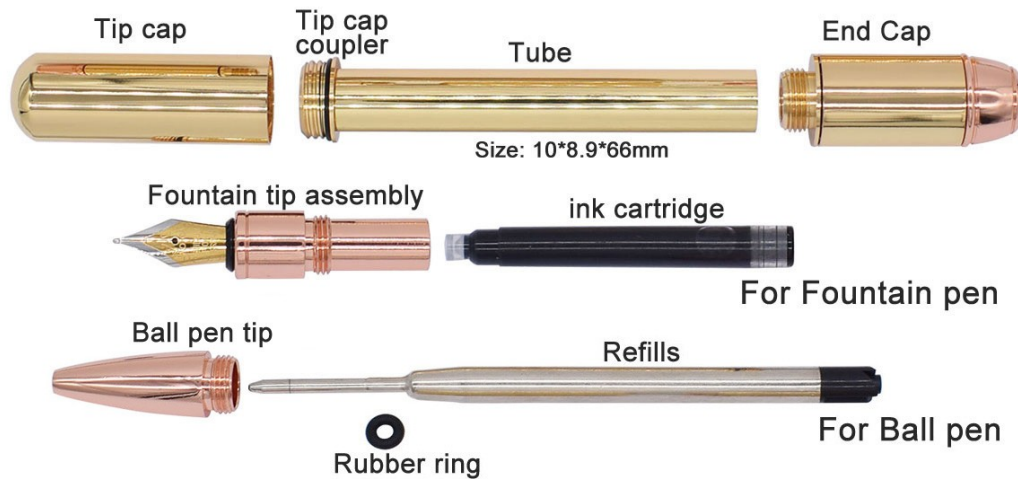


### Turning the Blank

- Mount the bushings and blank according the diagram above.
- 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

Layout parts according to diagram A

- Screw the end cap into one end of the tube.
- Screw the tip cap coupler into the opposite end of the tube.

For Ball Pen

- Insert the rubber ring to the tip of refills, then put the refills into the ball pen tip.
- Screw the ball pen tip with the refills into the tip cap coupler.
- Screw the tip cap into the tip cap coupler.
- A Fidget Spinner Pen is finished.

For Fountain Pen

- Attach the Ink converter to the back of the Fountain tip, then thread the Fountain tip assembly into the tip cap coupler.