

# Xiamen Rizheng Industry Co.,Ltd

## Victorian Pen Kits Assembly Instructions

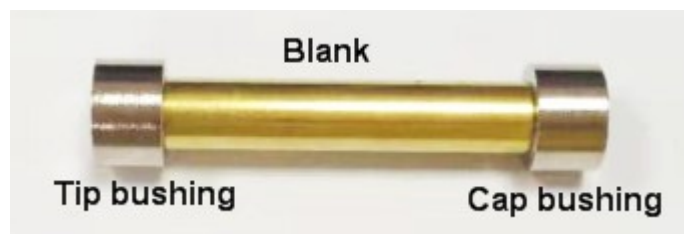
### Required Accessories

- 7mm pen mandrel
- 2-piece Bushing Set RZ-BP307#-BU
- 3/8" Drill Bit RZ-DB3/8
- Barrel Trimmer
- Live Tailstock Center
- Glue (Thick CA or Epoxy)



### Preparing the Blank

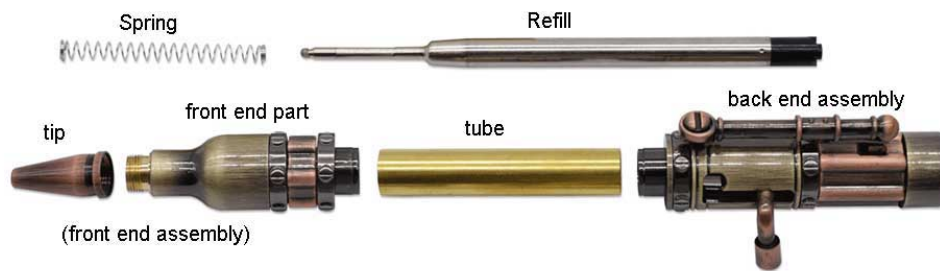
- Cut 1 blank to the length of the tube and add 1/16" for squaring off.
- Drill a 3/8" hole lengthwise through the blank.
- Spread glue over the tube, insert the blank with a twisting motion to spread the glue evenly inside.
- Center the tube lengthwise inside the blank.
- When the glue is dry, square 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 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.

### Diagram A



### Assembly

NOTE: Layout Finished parts according to Diagram A

- Thread the tip on the front end part, then press the front end assembly into either end of the Tube.
- Press the back end assembly into the other end of the Tube.
- Unscrew the tip of the assembly.
- Affix the spring over the refill, insert the refill into the opening at the tip, drop in.
- Screw the tip back in place.
- The pen operates by sliding the bolt forward then back when not in use.