



## Jazz Bolt Pen Kit Instructions

### Required Materials

- 7mm pen mandrel
- Set of Jazz Bolt Pen Kit bushings
- 23/64" drill bit
- CA (cyanoacrylate) glue or two-part fast-drying epoxy
- Pen blank
- Pen press, vise, or clamp
- Sanding supplies and finish



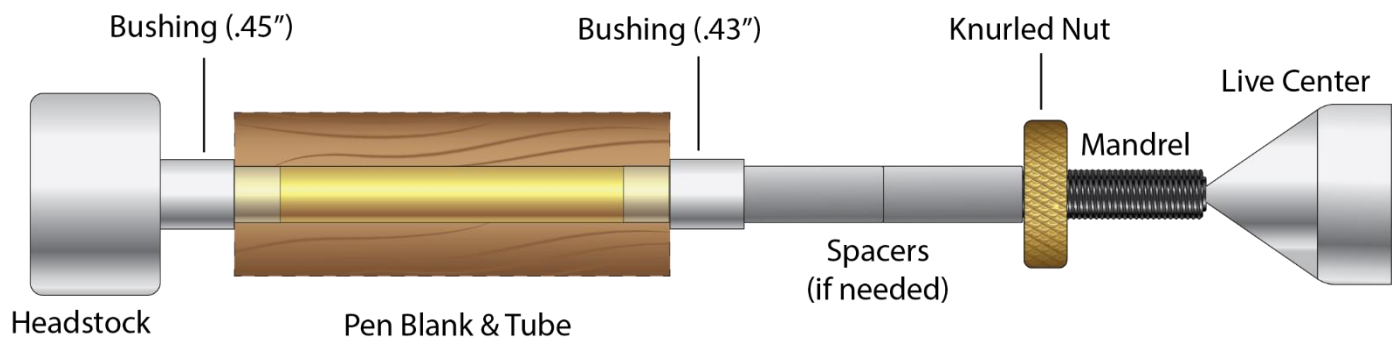
### Blank Preparation

1. Cut blank to length of brass tube, plus an additional 1/16" on each end for squaring off
2. Drill 23/64" hole lengthwise through the blank
3. Rub the brass tube with low-grit sandpaper to roughen it
4. Apply a line of glue to the brass tube and insert the tube into the middle of the blank with a twisting motion to spread the glue throughout the blank
  - Ensure the inside of the tube is free of any glue
5. Square off the ends of the blank with a barrel trimmer or sander to be flush with the brass tube

### Turning the Blank

Follow diagram A below to set up the blank on the mandrel for turning

Diagram A



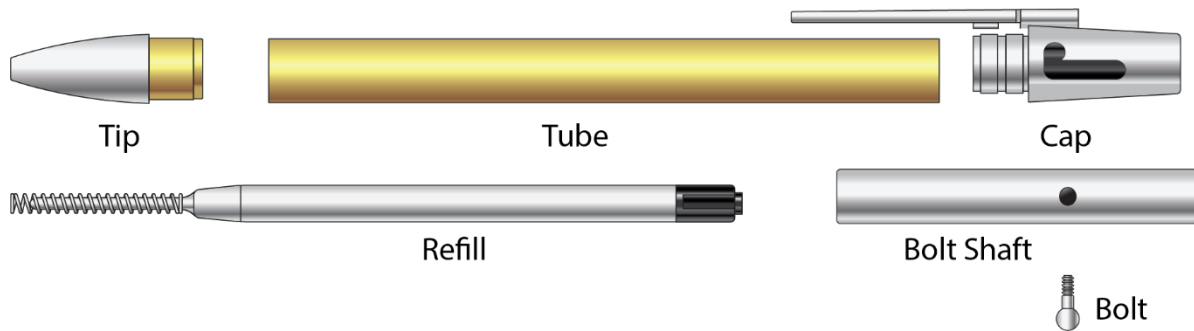
1. Turn down the blank to the desired shape using lathe chisels, ensuring each end is flush with the bushings
2. Sand the blank, progressing from coarser to finer grits
3. Finish blank with choice of polish



## Assembly

Follow diagram B below for assembly. Press parts using a pen press, vise, or clamp.

Diagram B



1. Press the Cap onto the thicker end (.45") of the Tube/blank
2. Insert the Bolt Shaft through the Cap so that the small hole in the Bolt Shaft is visible in the J-shaped hole of the Cap
3. Thread the Bolt into the hole of the Bolt Shaft
4. Press the Tip onto the opposite end of the Tube/blank
5. Unthread the Tip, insert Refill with spring, and thread the Tip back into place

## Additional Information

- Slide the bolt up and down to extend and retract the refill
- Pen uses a Parker-style ballpoint refill
  - To replace refill, unthread the Tip