Magnetic Pen Kit Instructions

Required Materials

- 7mm pen mandrel
- Set of Magnetic Pen Kit bushings
- 10.5mm drill bit
- CA (cyanoacrylate) glue or two-part fast-drying epoxy
- Pen blank
- Pen press, vise, or clamp
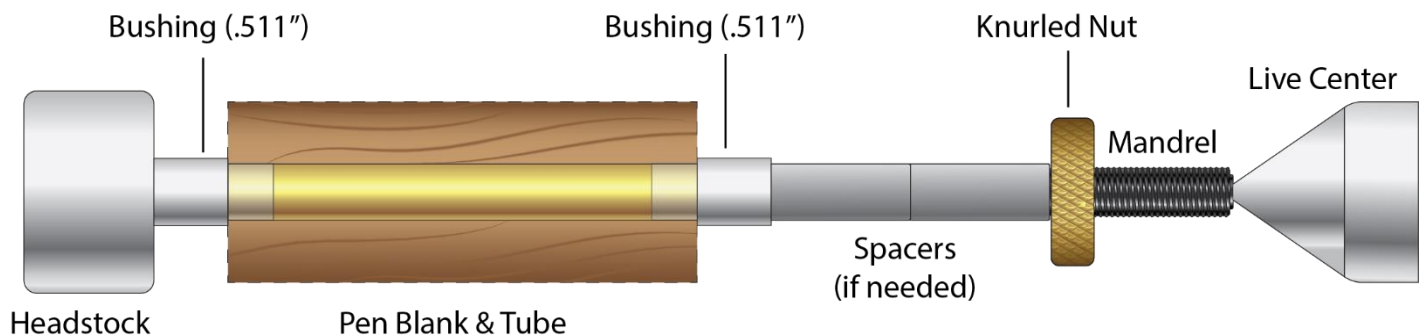- Sanding supplies and finish

Blank Preparation

1. Cut blank to length of brass tube, plus an additional 1/16" on each end for squaring off
2. Drill 10.5mm 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 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

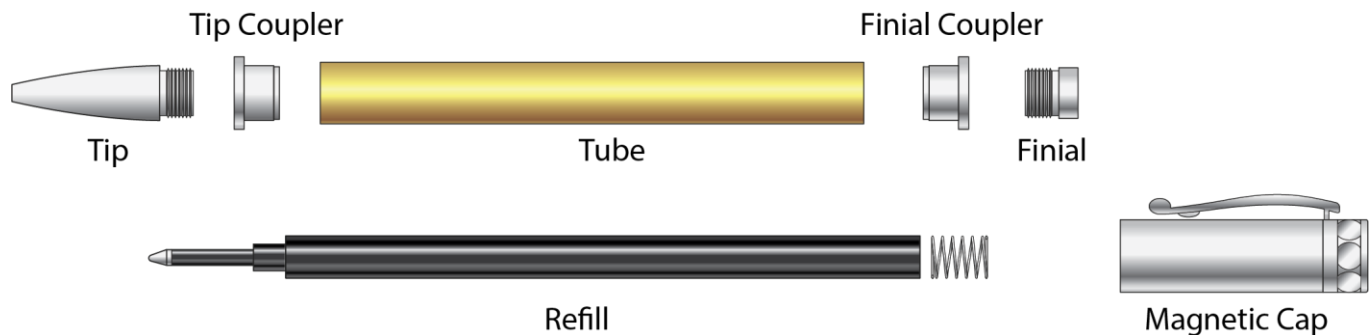Follow diagram A below to set up the blank on the mandrel for turning

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

Tip Coupler   Finial Coupler

Tip   Tube   Finial

Refill   Magnetic Cap

1. Unthread the Tip from the Tip Coupler
2. Press the Tip Coupler onto one end of the Tube
3. Unthread the Finial Coupler from the Finial
4. Press the Finial Coupler onto the opposite end of the Tube
5. Thread the Tip back onto the Tip Coupler
6. Insert the Refill then Spring into the Tube through the Finial Coupler (the Spring should sit with the wider part near the Finial Coupler)
7. Thread the Finial onto the Final Coupler
8. Place the Magnetic Cap over the Tip

Additional Information

- Pen uses a standard rollerball refill (such as the Schmidt 888)
  - To replace refill, unscrew the Tip
- The magnetic cap will post to both ends of the pen