

## European Style Fountain Pen Kits



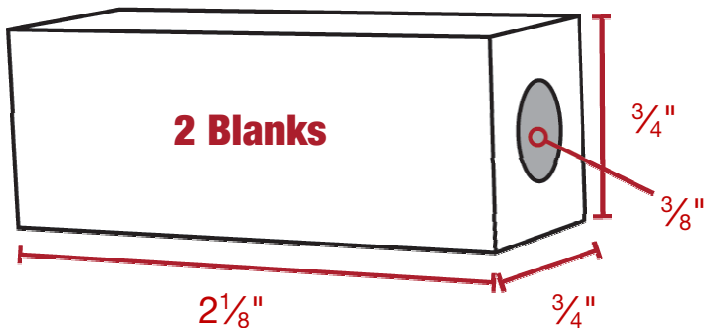
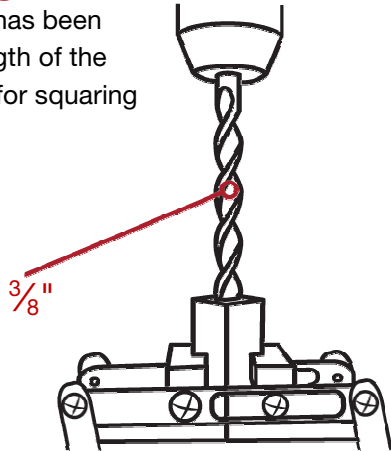
### From Setup To Sanding:

These are the supplies we suggest you have on hand to complete this pen kit:

- 3/8" Pen Maker's Bit
- 2 - 3/4" x 3/4" x 2 1/8" Pen Blanks
- Pen Mandrel
- European Style Screw Cap Bushings (128452)
- Thick CA or 5-Minute Epoxy
- Drill or Drill Press
- Sandpaper/Micro-Mesh
- Barrel Trimmer
- Pen Press
- Eye & Ear Protection
- Dust Mask

### Cutting & Drilling Blanks:

Note: Additional length has been added to the overall length of the blank to accommodate for squaring the ends of the blank.



Product: #128435

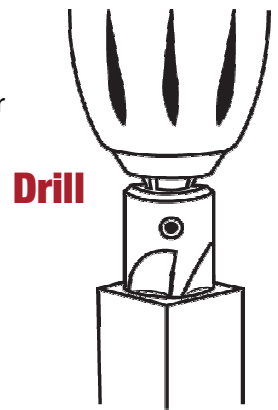
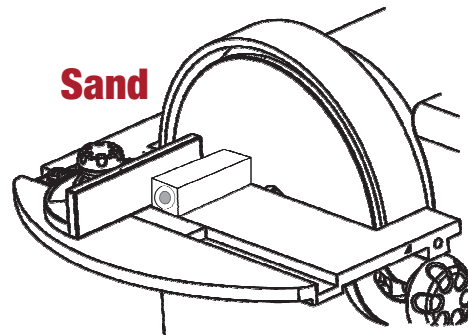
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### Gluing Blanks to Tubes:

Rough the entire surface of the tube using 180-grit paper. Next, using either a thick CA or 5-Minute Epoxy, apply adhesive to both the tube and the inside of the blank. To secure the brass tube into the inside of the blank make sure to rotate the tube as you insert it into the blank. This will help ensure even coverage of the adhesive and a much more secure bond.

### Squaring the Blank to Length:

When squaring the blanks to length work only to the brass. Removing brass will affect the overall length of the blank which is critical to the proper operation of the pen.

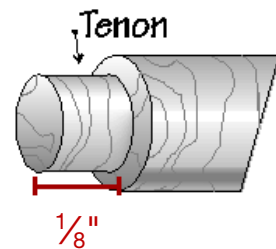


### Mandrel Preparation:



### Turning & Finishing the Blanks:

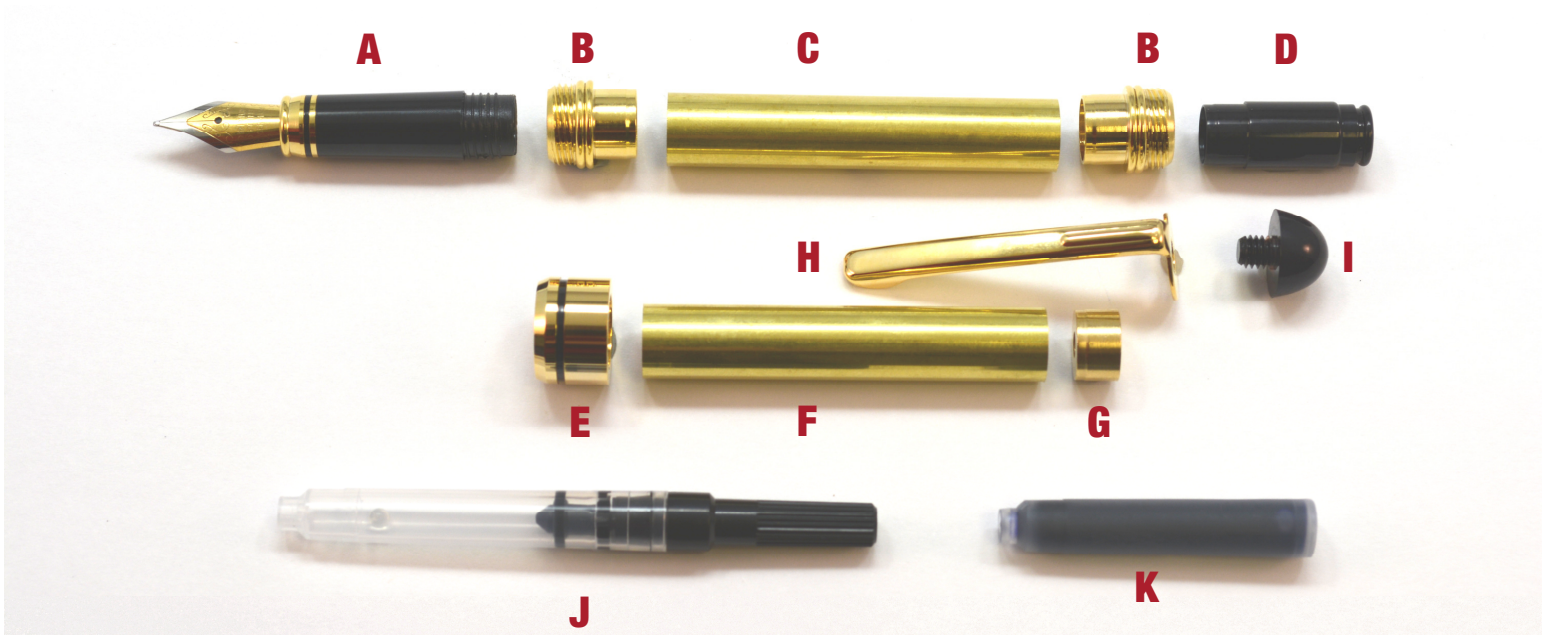
Turn the blanks to your desired profile leaving them slightly proud of the bushings. As a portion of the Cap must be removed to create a tenon for the assembly process, remember to keep the .520" diameter consistent past the portion that will be parted off, this will help ensure a good fit with the Center Band. Measure up 1/8" from the bottom of the .520" diameter end of the Cap and make a mark. Remove the material just to the brass, taking care not to



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damage the brass tube. If necessary clean any remaining material/glue from the tube prior to assembly.

With the lathe spinning, begin sanding with 120-grit paper and progress through the finer grits finishing at 320-grit. Once finished with sanding apply a finish of your choice.

### Pen Assembly:

#### Cap:

- Press the Center Band (E) onto the brass tenon created earlier during the turning process onto the .520" diameter end of the Finished Cap (F).
- Press the Finial Clip Bushing (G) into .444" diameter end of the Finished Cap (F).
- Insert the threads of the Finial Cap (I) through the opening of Clip (H) and thread into the Finial Clip Bushing (G).

#### Body:

- Press one of the (2) Threaded Body Connector (B) unthreaded end first into each end of the Finished Body (C).
- Next press the Body Finial (D) into one of the Threaded Body Connectors (B).
- Plug Pump (J) or Ink Cartridge (K) into the Fountain Pen Nib (A), thread the assembly (A, J, or K) into the open Threaded Body Connector (B).