

Slimline Pen Kit Assembly Instructions

**Required Materials**

* 7mm pen mandrel
* Set of Slimline bushings
* 7mm 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 tubes, plus an additional 1/16” on each end for squaring off
2. Drill 7mm hole lengthwise through blanks
3. Rub the brass tubes with low-grit sandpaper to roughen it
4. Apply a line of glue to the brass tubes and insert each tube into the middle of the blanks with a twisting motion to spread the glue throughout the blank
	* Ensure the inside of the tubes are free of any glue
5. Square off the ends of each 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**

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1. Turn down the blank to the desired shape using lathe chisels, ensuring each end is flush with the bushings
	1. Finish with sanding (wet or dry) and choice of polish



**Assembly**

Follow diagram B below for assembly. Press parts using a pen press, vise, or clamp. Please note that the Lower Tube and Upper Tube are identical- select one to be the Upper, and one to be the Lower.

**Diagram B**

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1. Press the Tip onto the Lower Tube
2. Press the Twist Mechanism onto the opposite end of the same Tube to the Indentation Line
3. Place the Center Band over the top of the Twist Mechanism
4. Insert the Refill through the Twist Mechanism and screw into place
5. Press the Cap with Clip into one end of the Upper Tube
6. Press the two halves together until snug

**Questions or issues? Email us at crookedmill@gmail.com**