

Faith Pen Kit

Kit Features:

- Easy to turn with straight tubes
- Minimum parts - easy to assemble
- Available in multiple finishes
- Uses Parker® Style Refill

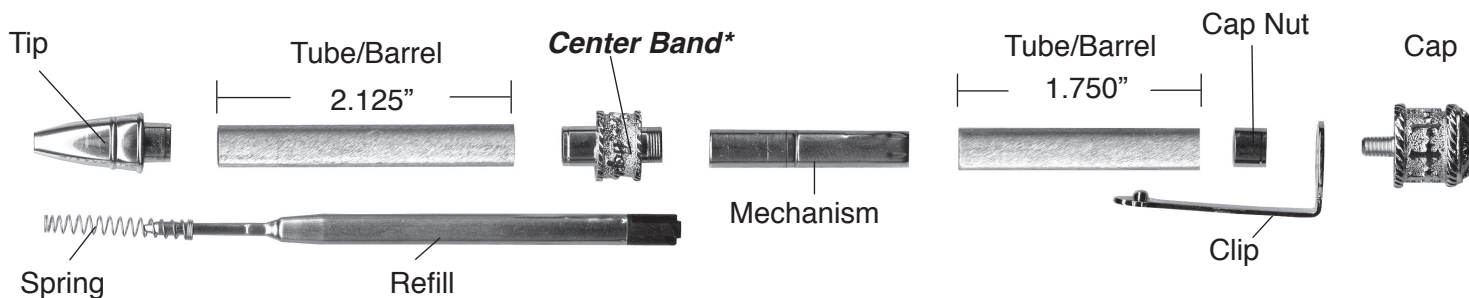
Overall Length: 5-3/4" Long

Required Accessories:

- 7mm Pen Mandrel
- Drill Bit: 8mm #PKPARK-8MM
- Bushing set(3 pc): #PKHPENBU
- Barrel Trimming set: #PKTRIM8
- Live Tailstock Center
- 2 Part Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Pen Blank: Minimum Size: 3/4" x 2-1/4"



DIAGRAM A / PARTS LAYOUT

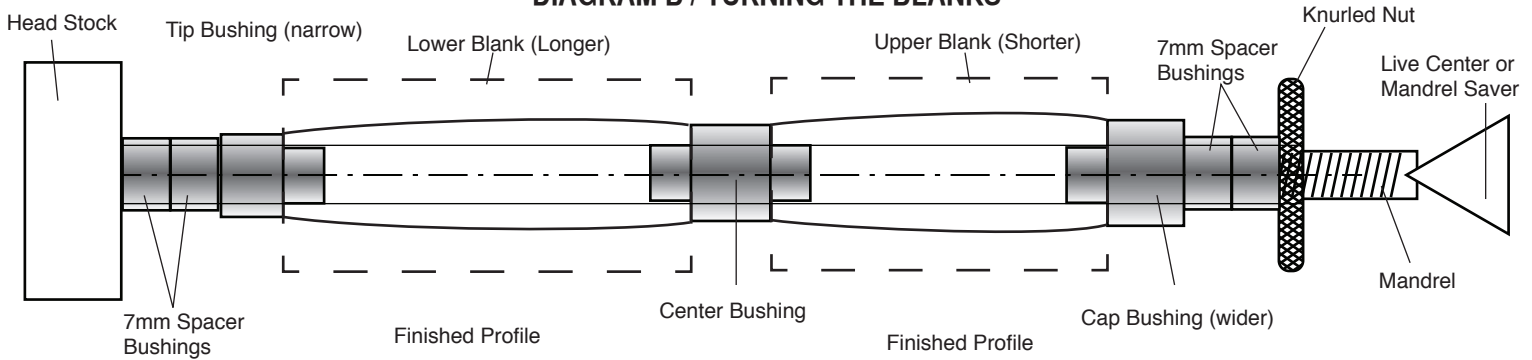


***NOTE: Do not press directly against the threads!**

Preparing the Blank:

- Cut 2 blank to the length of the tube and add 1/16" for squaring off.
- Drill 8mm holes lengthwise through the blanks.
- Spread glue over the tubes, insert the blanks with a twisting motion to spread the glue evenly inside.
- Center the tubes lengthwise inside the blanks.
- When the glue is dry, square the ends of the blanks. Use a 8mm 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.

DIAGRAM B / TURNING THE BLANKS

**Turning the Blank**

- Mount the bushings and blanks according to diagram B.
- 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. Refer to polish instructions.

Assembly

- Layout parts according to diagram A.
 - Press the tip into the narrow end of the lower barrel.
 - Press the center band into the opposite end of the barrel.
- NOTE:** To avoid damage, do not press directly over the threads. Rather cut a section of a pen blank to 1/2" long. Drill a 8mm hole through the section, affix over thread and press.
- Affix the spring over the refill and drop into the opening of the barrel. Screw the mechanism over.
 - Press the cap nut recessed end in first into the wider end of the upper barrel.
 - Affix the clip into the threaded stem of the cap, thread into barrel.
 - Engage the upper and lower ends.
 - The pen operates by twisting the ends to advance or retract the refill tip.

Diagram C / Bushings #PKHPENBU