

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:

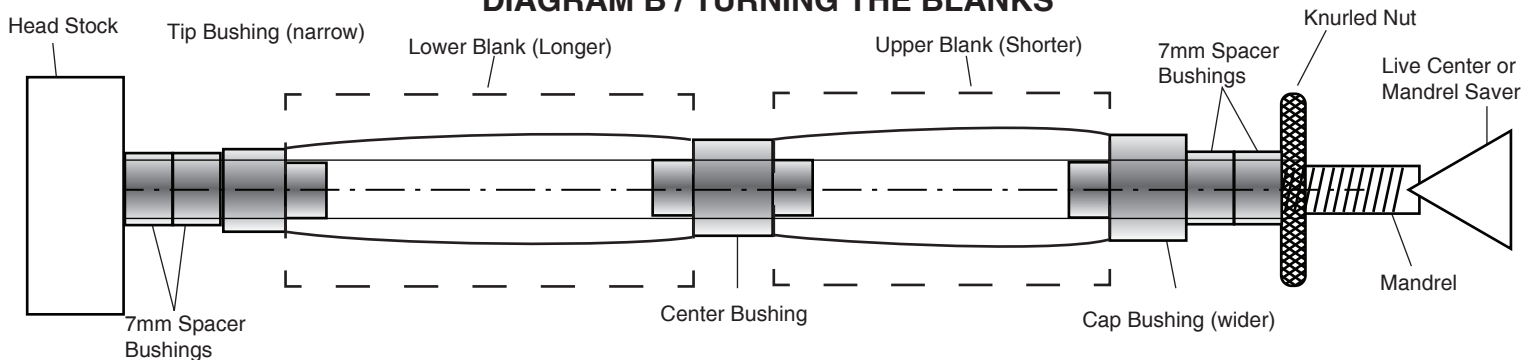
- 7mm Pen Mandrel
- Drill Bit: #PK-8MMSG for Plastic, #PKPARK-8MM for wood
- Bushing Set(3 pc): #PKHPENBU
- Barrel Trimming set: #PKTRIM8 or 8mm sleeve from PKTRIMSET.
- Live Tailstock or Mandrel Saver
- 2 part Epoxy or Thick CA (Cyanoacrylate) Glue
- Pen Blank Minimum Size: 3/4" x 3/4" x 4-1/8"L

Preparing the Blank:

- Cut blank to the length of the tubes, adding 1/16" to each blank for squaring off.
- Drill 8mm hole lengthwise through the blanks.
- Spread glue over tube, insert the tube into the blank with a twisting motion to spread the glue evenly inside.
- Center the tube lengthwise inside the blank.
- When the glue is dry, square the ends of the blanks, making sure the trimmed ends are 90° to the tube, not the edge of the blank. If the ends are angled on barrels, it can interfere with function. Use an 8mm barrel trimmer, or a pen blank squaring jig with an 8mm sleeve on a disc sander. Take the excess material down flush to the ends of the tubes. Do not trim past the end of the tube as this may interfere with the 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 Tailstock.
- Hand tighten the quill adjustment on the tailstock to steady the mandrel. Do not over tighten, it could damage the mandrel shaft.
- When using Mandrel Saver, there is no need for extra spacer bushings or the knurled nut. Slide tailstock directly against bushings and tighten until blank and bushings are secure.
- 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 sandpaper grits.
- Finish the barrel using your choice of polish. Allow sufficient time for the polish to cure – refer to polish manufacturer's instructions.

Diagram C / Bushings #PKHPENBU

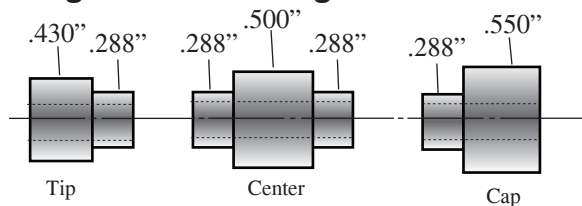
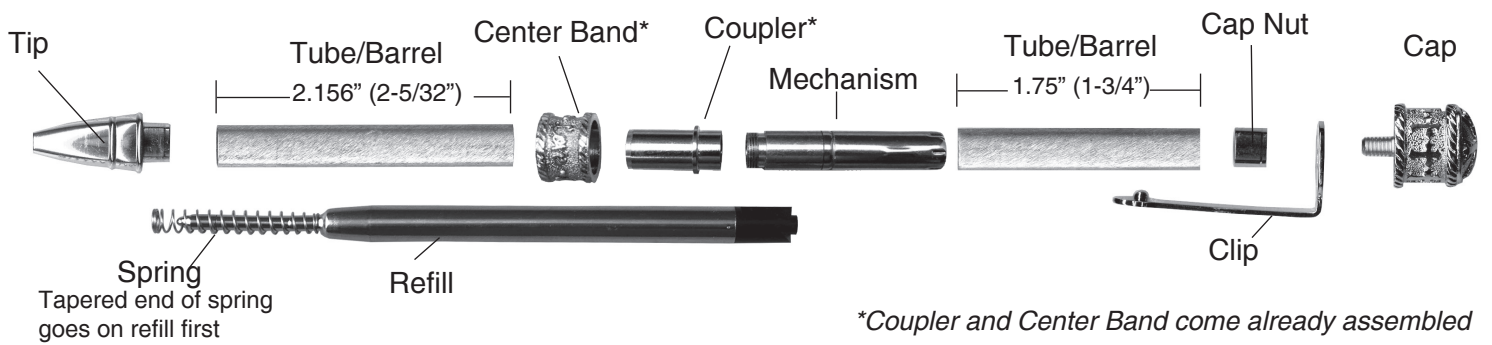


DIAGRAM D / PARTS LAYOUT

**Assembly**

- Layout parts according to diagram A.
- Press the tip into the narrow end of the lower barrel.
- Slide longer side of Coupler into recessed side of Center Band.
- Press Center Band Assembly into Lower Tube.
- Affix the spring on the refill. Note that one end of spring is narrower, this side goes on to shaft first.
- Put Refill into the opening in Center Band. Screw the Mechanism over back of Refill.
- Press the cap nut (reduced diameter first) into the wider end of the upper barrel.
- Insert the Cap the threaded stem of the Cap through the Clip and into Cap Nut.
- Engage the upper and lower ends.
- The pen operates by twisting the ends to advance or retract the refill tip.
- To Change Refill, Unscrew Lower Barrel from the Upper Barrel. Remember to switch spring to new refill.