

The Telescopic Stylus Pen Kit

Kit Features:

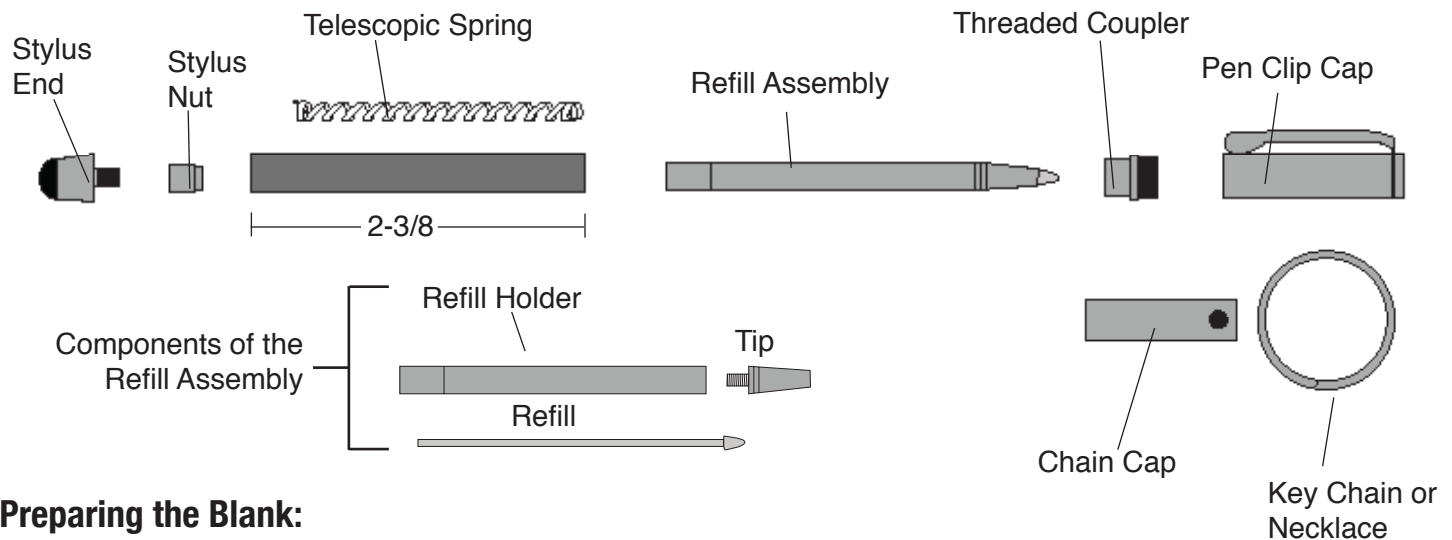
- Easy to turn with a straight tube
- Minimum parts - easy to assemble
- Available in multiple finishes
- Telescopic to full size pen
- Available in Clip, Necklace, and Keychain
- Uses mini refill #PKMINI-R5
- Included stylus for electronic touch screens

Required Accessories:

- 7mm Pen Mandrel
- Drill Bit 7MM , #PK-7MM
- PKM-BUSH3 Bushing set(2 pc)
- PKTRIM7 Barrel Trimmer
- Live Tailstock Center
- 2 Part Epoxy Glue or Insta Cure (Cyanoacrylate) Glue
- Pen Blank: Minimum Size - 2-1/2" x 5/8"

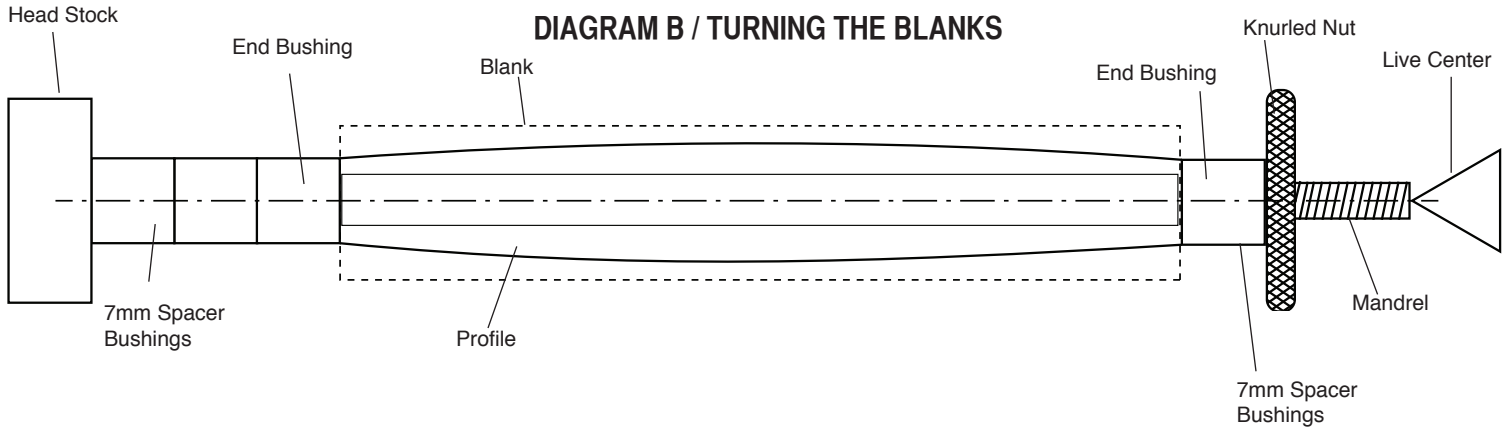


DIAGRAM A / PARTS LAYOUT



Preparing the Blank:

- Cut one blank to the length of the tube and add 1/16" for squaring off.
- Drill a 7mm hole lengthwise through the blank.
- Spread glue over the tube, insert 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. Use a 7mm barrel trimmer to take the excess material down flush with the ends of the brass tube and clean the inside of the tube. (do not trim beyond the length of the tube since this may interfere with operation of the mechanism and assembly).

DIAGRAM B / TURNING THE BLANKS**Turning the Blank**

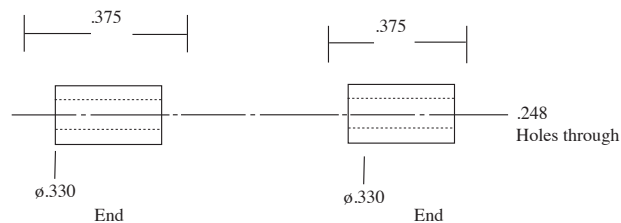
- Mount the bushings and blanks according to diagram B.
- Thread on the knurled nut and hand tighten to hold all components in place.
- Slide the tailstock up snugly against the mandrel shaft inserting the live center point into the mandrel dimple, lock in place.
- Hand tighten the quill adjustment to 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 stylus nut recessed end first into either end of barrel.
- Insert the spring into the barrel through the opening at the opposite end.
- Screw the threaded coupler into the open end of the clip cap.
- Place refill into the refill holder and then thread on the tip - this makes up the refill assembly
- Insert the refill assembly Tip end first into the the cap.
- Slide the refill into the barrel and press the cap and coupler (now together) into the tube (see Dia. D).
- Scew the stylus into the stylus nut.
- The pen is ready to use by unscrewing the cap off or on when not in use. The refill will pop-out to the full extension to write.
- To change the refill, remove the pen cap and unscrew the tip and pull the refill out.

Replace with #PKMINI-R5

Diagram C / Bushings #PKM-BUSH3**Diagram D / Components positioned to press**