

Clarion Demonstrator Fountain Pen Kit

Kit Features:

- Popular Clear “Demonstrator” Style
- Cap Threads Securely over Nib and Posts on Back when Writing
- Easy to Turn with Straight Tubes
- Minimal Parts—easy to assemble
- Available in multiple finishes
- Overall Length: 5-5/8"
- Uses Refill: PK10-FPR
- Includes refillable pump

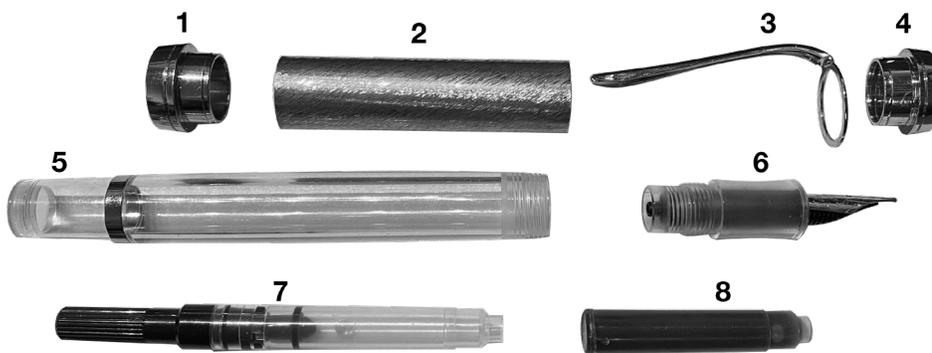


Required Accessories:

- 7mm Pen Mandrel
- Drill Bit: # PK-125MMSG for Plastic, #PKPLI-DB for Wood.
- Bushing Set(2 pc): #PKCLFPBU
- Barrel Trimming set: #PKTRIM7 with PKMAJJRBTS or Squaring Jig with 12.5mm 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 1-15/16"L

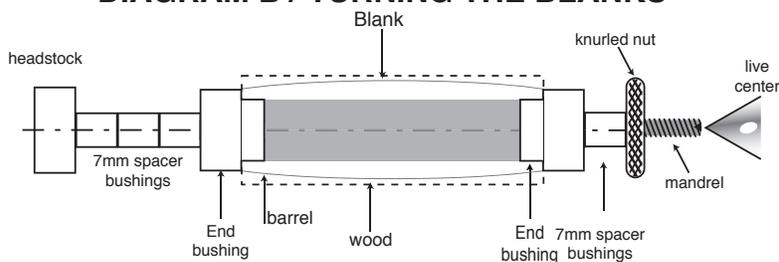
DIAGRAM A / PARTS LAYOUT

1. Band
2. Tube – 1.90" (1-29/32")
3. Clip
4. Cap
5. Pen Body
6. Nib Assembly
7. Refillable Pump
8. Pre-filled Cartridge



Preparing the Blank:

- Cut blank to the length of the tube, adding 1/16" for squaring off.
- Drill 12.5mm hole lengthwise through the blank.
- 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. Use a 7mm barrel trimmer with larger 12.5mm sleeve from #PKMAJJRBTS, or a pen blank squaring jig with a 12.5mm 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 since this may interfere with the fit during 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 instructions.

Assembly

- Press Band into either end of Barrel.
- Slide Cap Through Clip and Press into other end of Barrel.
- You can choose the prefilled cartridge or refillable pump, either one can be inserted into the back of the Nib Assembly. Note: Do not insert pre-filled ink until ready to begin using pen. Ink can dry up and clog nib if left unused in pen for long periods. To use pump: Install into back of Nib Assembly. Dip tip into inkwell (past breather hole), and twist back end of pump until plunger is all the way forward. Then twist in opposite direction to draw up ink. Once Cartridge or Pump is installed and ready, thread nib into Pen Body. Pen is ready to use.
- When Writing, Cap can be posted on the back end of the Pen Body. Many fountain pen users prefer to line up the clip with the top of the writing nib. Do not use excessive pressure when writing – this can damage nib.
- Keep cap over pen tip when not in use. Store fountain pen with the nib side up.

DIAGRAM C / BUSHINGS # PKCLFPBU