

"Capri" Fountain Pen

#PKCAPRI – Gold Fountain Pen

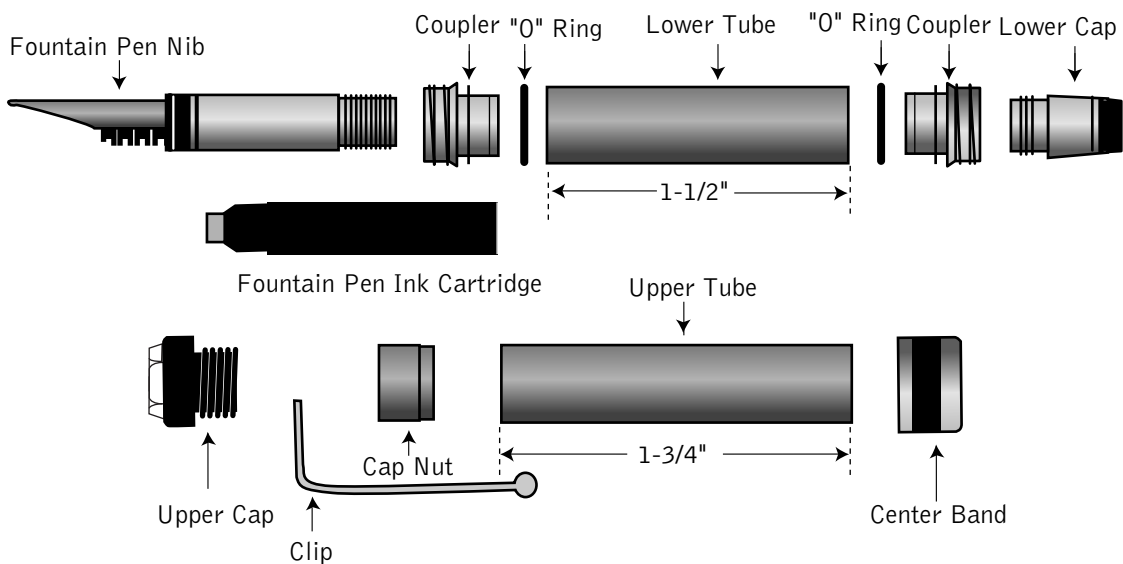
Kit Features:

- Heavy 24kt gold plating w/epoxy coating.
- Pen designed for balance, style and performance.
- Quarter-turn screw cap front and back with an "O" ring to seal ink in nib.
- High quality fountain pen nib with iridium point
- Overall length: 4-1/2" closed

Required Accessories:

- 7mm, long mandrel
- 3 pc. bushing set #PKPAR10-B2
- 10mm drill bit #PK10-10
- 10mm barrel trimmer #PKTRIMKIT
- 2-part epoxy glue or Insta-Cure (cyanoacrylate) glue

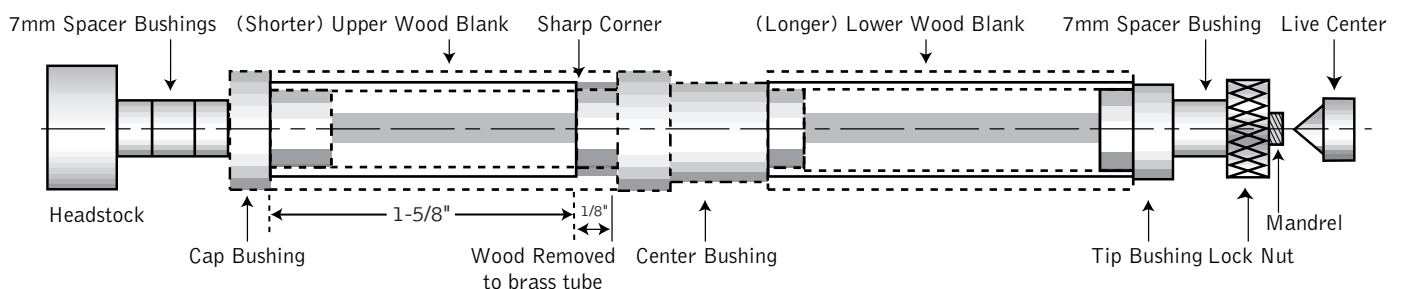
Diagram A: PARTS LAYOUT



PREPARING THE BLANKS FOR TURNING

- Cut 3/4" square blanks to the length of the brass tubes (add 1/16" for squaring off)
- Drill a 10mm center hole lengthwise through each blank
- Spread glue over the tubes. Insert the tubes into each blank with a twisting motion to spread the glue evenly inside. Center each tube lengthwise into the blank.
- When glue dries, square the ends of the blanks. Use a 10mm barrel trimmer to trim the wood down flush with the end of the brass tubes.

Diagram B: TURNING THE BLANKS



TURNING THE BLANKS

Turning the blanks

- Place three or four 7mm spacer bushings on the mandrel shaft. Insert the cap bushing, wide end first. Place the (longer) upper blank, follow with the center bushing, wide end first. Insert the (shorter) lower blank on next, follow with the tip bushing. Fill in the space to the threads. Screw on the lock nut. Bring the tail stock in, tighten the lock nut. Lock the tailstock in place (do not over tighten, it could damage the mandrel).
- Turn the wood down, flush with the bushings using lathe chisels and gradual higher grits of abrasive material.

Removing Wood For Center Band:

- Use a pencil to mark 1-5/8" from the cap bushing on the upper barrel. Use a parting tool to remove the excess wood down to the brass tube. Be careful, you must retain a 90° corner at the end of the upper blank when you remove the excess wood.
- Sand both blanks then finish the blanks with your choice of polish and waxes.

FOUNTAIN PEN ASSEMBLY:

Assembly of Body Barrel:

- Line up and identify finished parts according to Diagram A.
- Insert an "O" ring into the groove at the thread of each coupler.
- Press a coupler into each end of the barrel.
- Screw in the gold lower cap (into either end).
- Push the ink cartridge (narrow end first) into the open end of the nib assembly to the end to cut an opening and allow the ink to flow. Screw this assembly into the barrel.

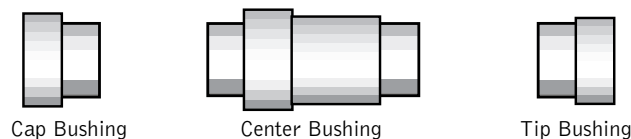
Tip: Stroke the pen nib from the small hole to the tip with a damp paper to help start the ink flow.

Assembly of the Cap Barrel:

- Press the cap nut, recess end in first, into the upper barrel, opposite in the end where the wood was removed for the band.
- Press the cap nut, recess end first, into the flat end of the barrel.
- Press the center band (square end first) over the exposed end of the brass tube to the wood. Use a drop of glue, if necessary.
- Insert the threaded stud on the upper cap into the hole in the clip. Next, thread this assembly tightly into the cap nut.

Operating the Pen:

- The Capri Fountain Pen is ready to operate. A quick 1/4 turn will screw the ends together. When using the pen, screw the cap over the body end. Always keep the nib covered when not in use to avoid the ink from drying up.



BUSHING SET: #PKPAR10-B2