

ROTUR ROLLERBALL & FOUNTAIN PENS

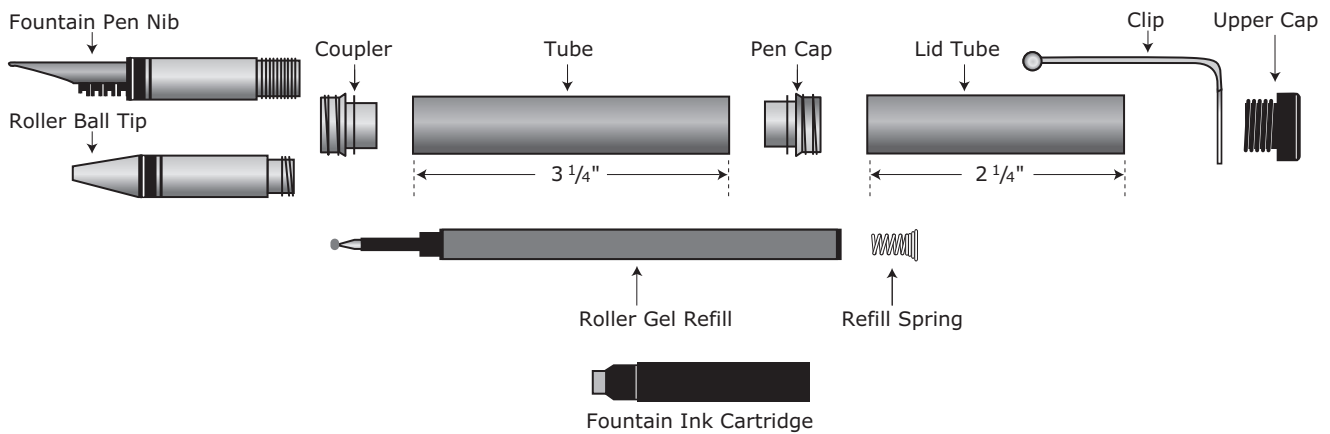
Kit Features:

- Heavy plating with either 24kt gold, or satin finishing.
- Elegant, contemporary design combined with old and new styling.
- Screw on cap with quarter turn threads to attach to either ends of the pen.
- Fountain pen uses quality iridium tipped nib, made in Germany – convertible cartridge available
- Rollerball contains black gel refill for a smooth, new experience in writing
- Overall length: 5-1/8" (closed)

Required Accessories:

- Rotur Pen Mandrel
- 10mm Accessory kit
- Rotur pen plank trimming text kit
- 2 part epoxy glue or insta-cure (cyanoacrylate) glue

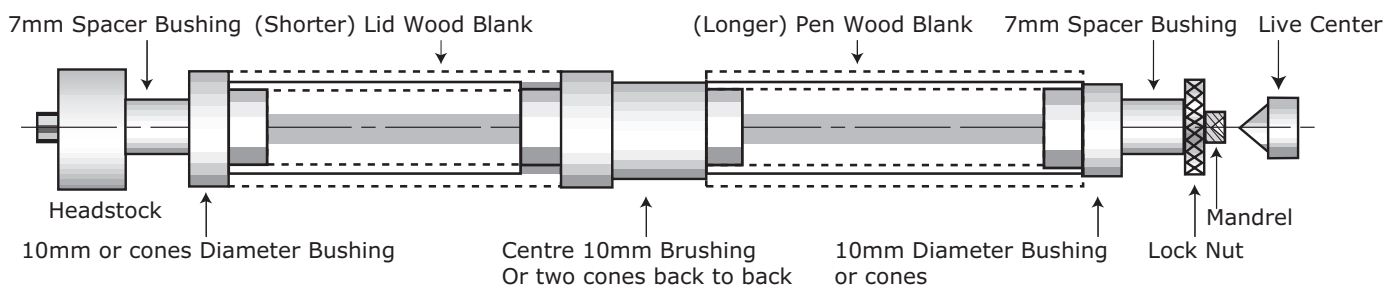
Diagram A: PARTS LAYOUT



PREPARING THE BLANKS FOR TURNING

- Cut 3/4" to 5/8" 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 tube. Insert into blank with a twisting motion to spread the glue evenly inside. Center each tube lengthwise in the blanks.
- When the glue dries, square the ends of the blanks. Use a 10mm barrel trimmer or belt/disc sander to trim the wood down flush to the end of the brass tubes.

Diagram B: TURNING THE BLANKS



TURNING THE BLANKS

- Insert 3-4, 7mm spacer bushings onto the mandrel shaft. Place the 10mm bushing or cone in first. Slide the lid blank, place the center bushing or to cones in on the mandrel. Next, slide the pen blank and follow with a 10mm bushing, or cone on. Use 7mm spacer bushings to fill the space to the thread. Thread on the lock nut and hand-tighten. Bring the tail stock snug with the mandrel hand tighten the lock nut (do not overtighten – it will damage the mandrel).
- Turn the wood down, flush with the bushings using a lathe chisel and gradual higher grits of sandpaper.
- Sand both blanks, then finish the blanks with your choice of polish and wax.

FOUNTAIN PEN ASSEMBLY:

Removing Wood for Center Band:

- Line up and identify finished parts according to Diagram A.
- Press a coupler into each end of the barrel with a small amount of super glue
- Screw in the plastic end cap (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 CWP into the recess of the lid cap
- Cut out recess of wood for clip.
- Press the lid cap into the lid tube and into the end of the brass tube to the wood. Use a drop of glue, if necessary.

Operating the Pen:

- The Fountain Pen is ready to operate. Always keep the nib covered when not in use to avoid the ink from drying up.

ROLLERBALL ASSEMBLY:

Removing Wood for Center Band:

- Line up and identify finished parts according to Diagram A.
- Press a coupler into each end of the barrel with a small amount of super glue
- Screw in the plastic end cap (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 CWP into the recess of the lid cap
- Cut out recess of wood for clip.
- Press the lid cap into the lid tube and into the end of the brass tube to the wood. Use a drop of glue, if necessary.

Operating the Pen:

- The Fountain Pen is ready to operate. Always keep the nib covered when not in use to avoid the ink from drying up.

BUSHING SET:



10mm Diameter Bushing



Centre Bushing



10mm Diameter Bushing