houtdraaiwerken-penkits

Columnis Rollerball & Fountain Pen Kits



Required Accessories:

- Bushing Set BU894
- 10mm Drill Bit DB010
- Universal Barrel Trimmer PM014
- 2 part epoxy glue or instacure glue (cyanoacrylate)

Preparing the Blanks:

- Use a 5/8” square stock. Cut blanks to the length of the tube, adding 1/16”for trim.
- Drill a centered hole lengthwise through each blank.
- Use epoxy or a gap filling cyanoacrylate (super glue), to glue the tube into the blank. Coat the outside of the tube with epoxy and insert the tube into the blank with a twisting motion to spread the glue until flush. Allow it to dry.
- With a barrel trimmer, square the ends of the blanks to the tubes.

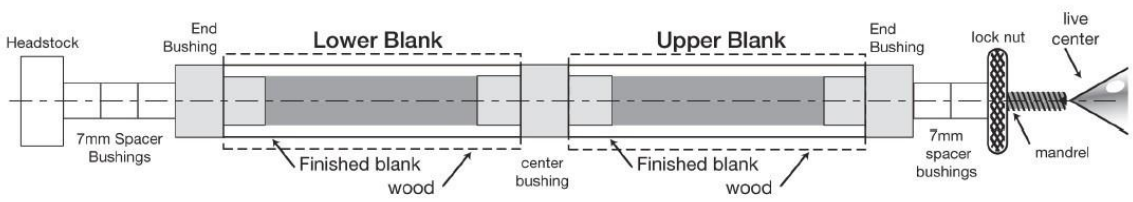
Turning the Blanks:

- Slide 7mm spacer bushings onto the mandrel shaft, followed by the end bushing, wide end in first. Slide on the lower blank. Next, add the center bushing, narrow end first. Place the upper blank followed by the end bushing, smaller diameter in first. Add additional spacer bushings as necessary to reach the mandrel threads.
- Thread on the locknut hand tight. Bring the tailstock in snug to the mandrel, lock in place. Tighten the lock nut for turning.

DO NOT over tighten the locknut,it could damage the mandrel.

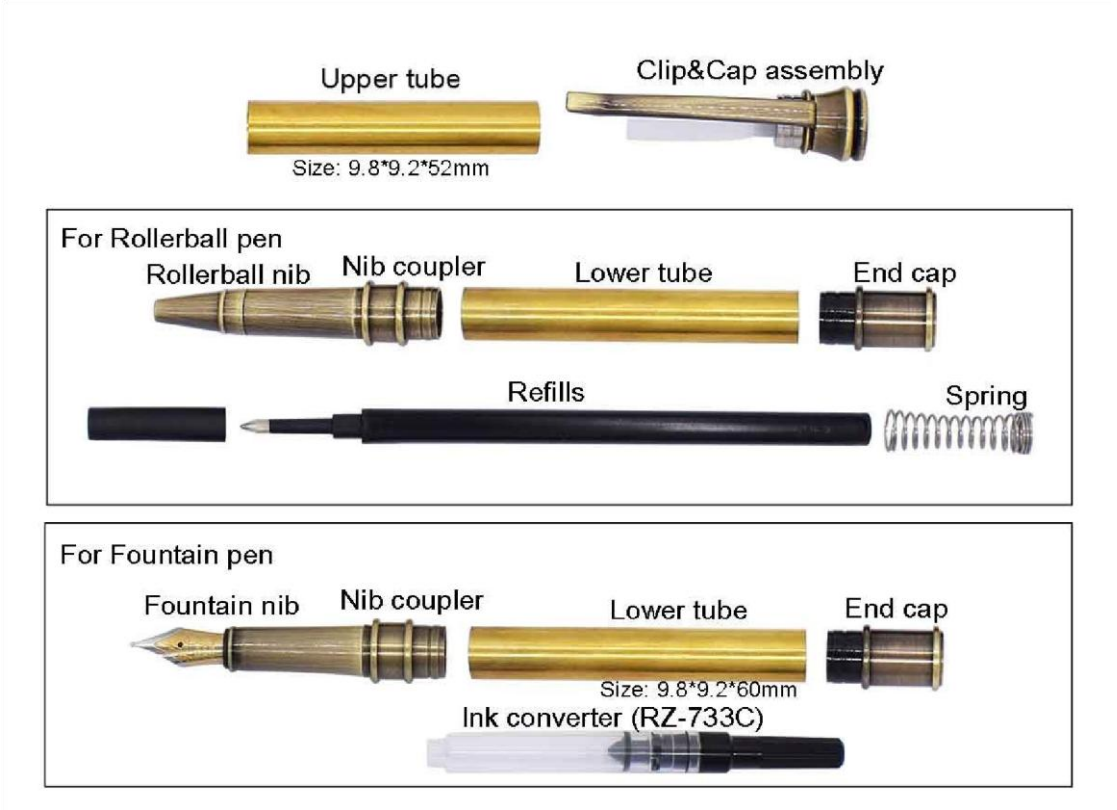
- Turn the barrels close to the bushing diameter with sharp tools; sand the barrels to match the bushing diameter.
- Finish the wood with your choice of polish

DIAGRAM B / Turning the Blanks



ASSEMBLY

• NOTE: Line up the components according to the following pictures.



• Slide the upper tube onto the top cap coupler, then press the clip& cap assembly into the end of the upper tube (shorter tube).
• Unscrew the nib coupler from the rollerball/ fountain nib assembly, press the nib coupler into the end of the lower tube.
• Place the end cap into the opposite end of the lower tube

For Rollerball pen kits

• Insert the spring then the ink refill into the lower tube. Thread the rollerball nib into the nib coupler.

For Fountain pen kits

• Attach ink converter to the back of the fountain nib, then thread the fountain nib into the nib coupler.