

Classic End Capped Fountain Pen Kits

Assembly Instructions

Required Accessories:

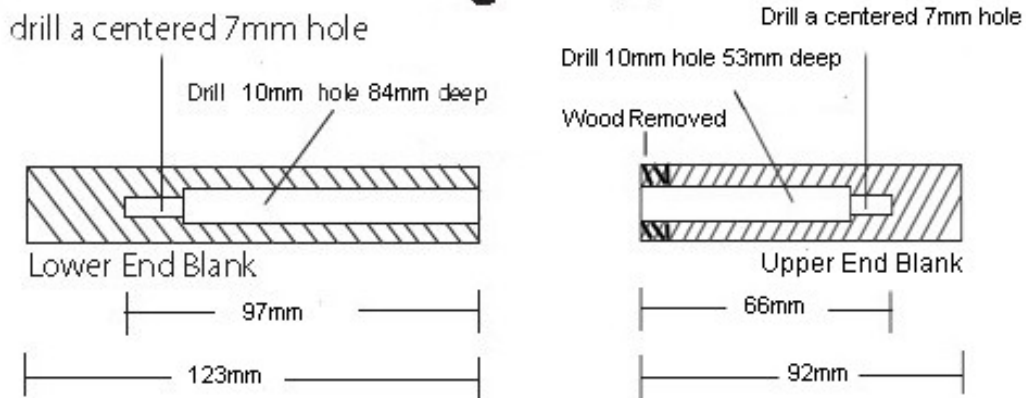
- Big Grabber pen mandrel system
- 10mm drill bit RZ-DB010
- Bushing set RZ-FP184#-BU
- Barrel trimmer sleeves (use with 10mm trimmer)
- Glue (Thick CA or Epoxy)
- Project requires 2 pen blanks



Preparing the Blank: (Diagram A)

- Cut 2 blank sections

Diagram A



LOWER END BLANK:

- Mark the center of the blank on both ends.
- Drill a 10mm hole, 84mm deep.
- Drop the counter sink bushing, chamfered side up. Drill a 7mm hole through, 97mm deep. (see Dia. A)
- Press the end cap insert to the tube first and the glue the tube into the hole, let dry.
- Use a sander (the hole is too short for a trimmer shaft) sand the end square.

UPPER BLANK:

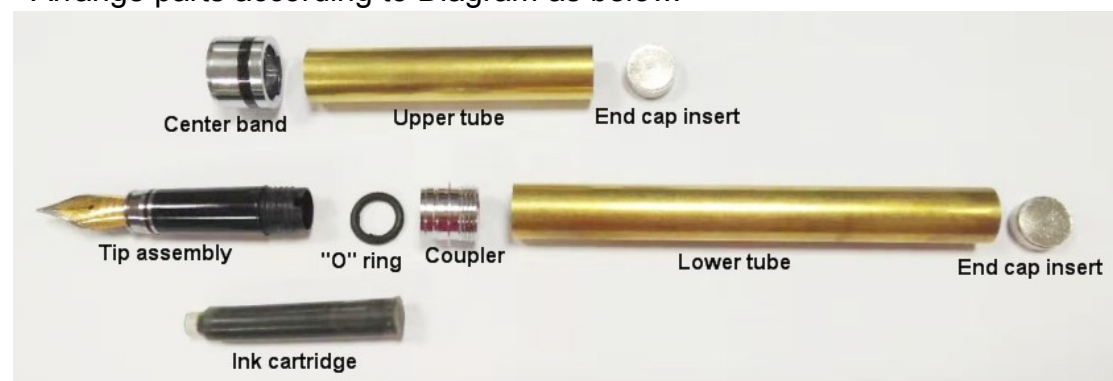
- Mark the center of the blank on both ends.
- Drill a 10mm hole, 53mm deep.
- Drop the counter sink bushing, chamfered side up. Drill a 7mm hole through, 66mm deep. (see Dia. A)
- Press the end cap insert to the tube first and the glue the tube into the hole, let dry.
- Use a sander (the hole is too short for a trimmer shaft) sand the end square.

Removing Wood for Center Band:

- Use a pencil to mark 1-7/8" from the upper 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 sharp 90 degree corner at the end of the upper blank when you remove the excess wood.
- Sand the wood and finish with your choice of polishes or waxes.

Assembly

- Arrange parts according to Diagram as below.



Upper Tube (short) Assembly

- Recessed the End cap insert into one end of the Upper tube.
- Press the Center band into the opposite end of the Upper tube.

Lower Tube (long) Assembly

- Recessed the End cap insert into one end of the Lower tube.
- Press the Coupler into the opposite end of the Lower tube.
- Insert the "O" ring into the bottom of Coupler.
- Affix either the Ink cartridge or fountain pen pump into the back of the Tip assembly. The Ink cartridge will supply the ink. The refillable pump will require an ink bottle to draw ink into the storage pump.
- Screw the Tip assembly into the Coupler.

General

- Just screw on both ends.