



Elegant Sierra
Rollerball/Fountain Pen Kit



KIT REQUIREMENTS- Mandrel Shaft A, 27/64 & Letter V Drill Bits, 72A Bushings

Prepping Your Blanks

1. Two blanks are required for the Elegant Sierra Rollerball/Fountain Pen Kit, cut your blanks about a 1/8" longer than the brass tubes.
2. Using the 27/64 bit drill lengthwise through the center of your upper blank.
3. Using the Letter V bit drill lengthwise through the center of your lower blank.
4. Scuff up your brass tubes with sandpaper.
5. Using Stick Fast 2 part epoxy, mix according to instructions, apply epoxy inside the blank using a toothpick or q-tip then apply a small amount on the brass tube. Give your brass tube a twist as you insert it into the blank, this will allow the glue to fill in around the tube.
6. Clean out any excess glue with a q-tip. The remainder can be cleaned out after the glue has dried. Set your blank aside to dry, a 5 min epoxy should take about an hour.
7. After your glue has dried, square the ends. We recommend using a disc sander, just until you see the bright brass tube, **do not remove too much.**

Turning your Blanks

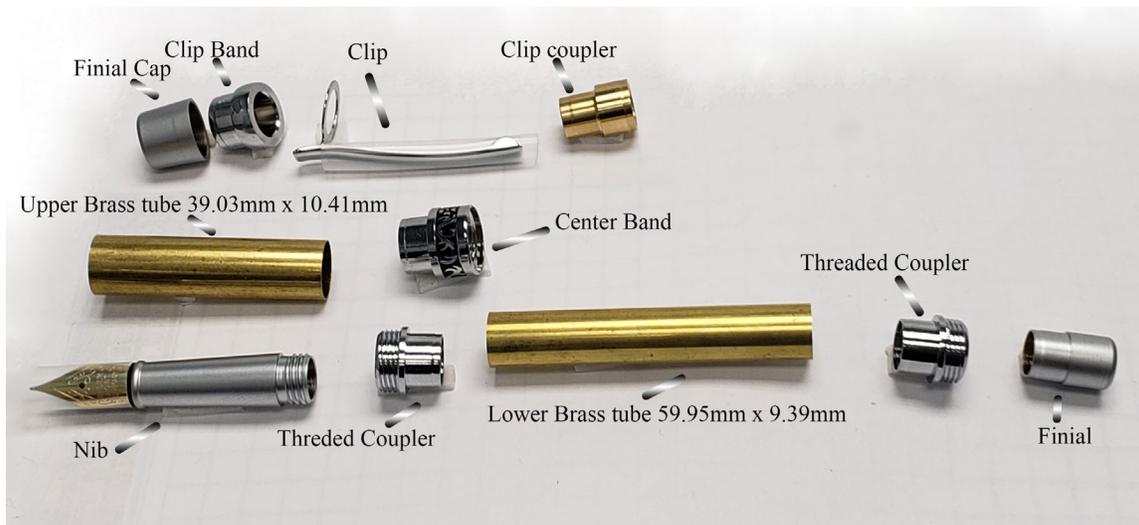


1. Tighten your blanks on your mandrel. This will depend on your setup.
2. Turn the blank down to the desired shape. Do not turn your blank completely flush with the bushings. You will still need to sand and finish in the next few steps.
3. After turning, sand the surface of your blank in progressive steps, for wood 360,400,600 and 800. For acrylics, wet sand, 220,360,400,60,800, then use micro mesh from 1500 grit to 12000 grit.
4. Apply the finish of your choice and remove for assembly

Assembling the pen

Please note: We recommend using red thread lock on all parts being pressed in, loose fitting or not.

1. Press Cap Finial onto Clip Band
2. Slide Clip onto Clip Coupler (small end) Press into Finial Cap assembly.
3. Press Clip assembly into one end of the Upper Barrel
4. Press center band into other end, set aside.
5. Press the two threaded couplers into each end of the Lower Barrel.
6. Press the finial into threaded coupler on one end of the Lower Barrel.
7. Fountain Pen- snap on converter or ink cartridge, thread on nib/ Rollerball -slide in spring and refill, thread on nib.
8. Twist cap assembly onto body assembly.



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