

Xiamen Rizheng Industry Co.,Ltd

Turtle Rollerball & Fountain Pen Kits Assembly Instructions

Required Accessories:

- 7mm Pen Mandrel
- 3 piece Bushing Set RZ-RP234#-BU
- 12.6mm Drill Bit
- 10.6mm Drill Bit
- Universal Barrel Trimmer
- Sandpaper/Finish
- Glue (Thick CA or Epoxy)



Preparing the Blank:

- Prepare a master blank of at least 3/4" square. Cut two sections to the length of each tube. (Add 1/16" for trimming)

Mark the center of each blank.

- Drill a centered hole lengthwise through each blank.
Upper blank (shorter tube)—drill a 12.6mm hole through.
Lower blank (longer tube)—drill a 10.6mm hole through.
- Glue each tube in the proper blank. Spread the glue over each tube. Insert the tube into the blank with a twisting motion to spread the glue evenly inside. Center each tube lengthwise inside the blank.
- When glue dries, square the ends of each blank.



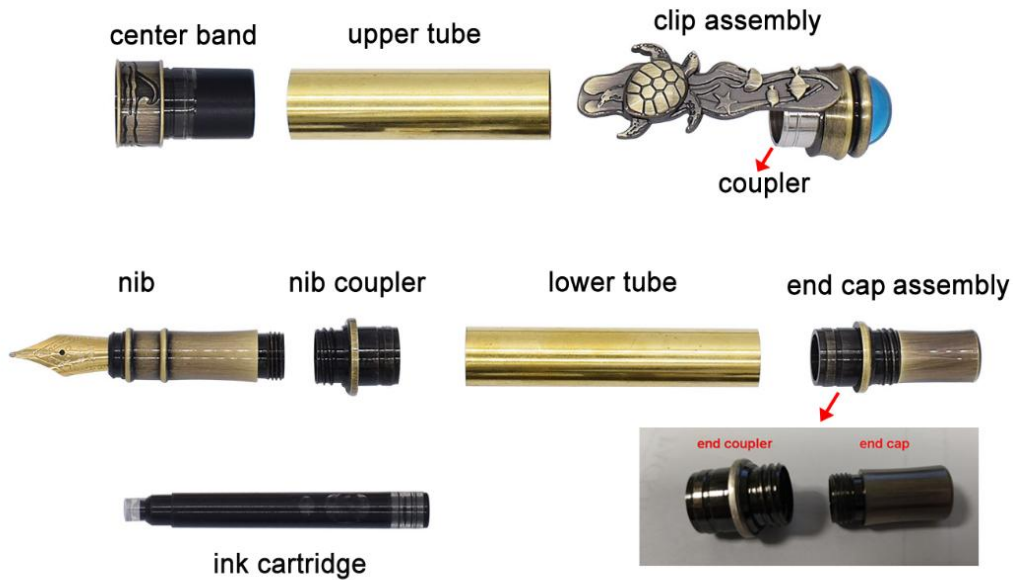
Turning the Blank

- Mount the bushings and blanks according to the diagram above.
- Thread on the knurled nut and hand tighten to hold all components in place.
- Slide the tailstock up snugly against the mandrel shaft inserting the live center point into the mandrel dimple, lock in place.
- Hand tighten the quill adjustment to firm up the mandrel. (DO NOT overtighten, it could damage the mandrel.)
- Using sharp tools, turn the blank down close to the bushing diameter. Turn the barrel

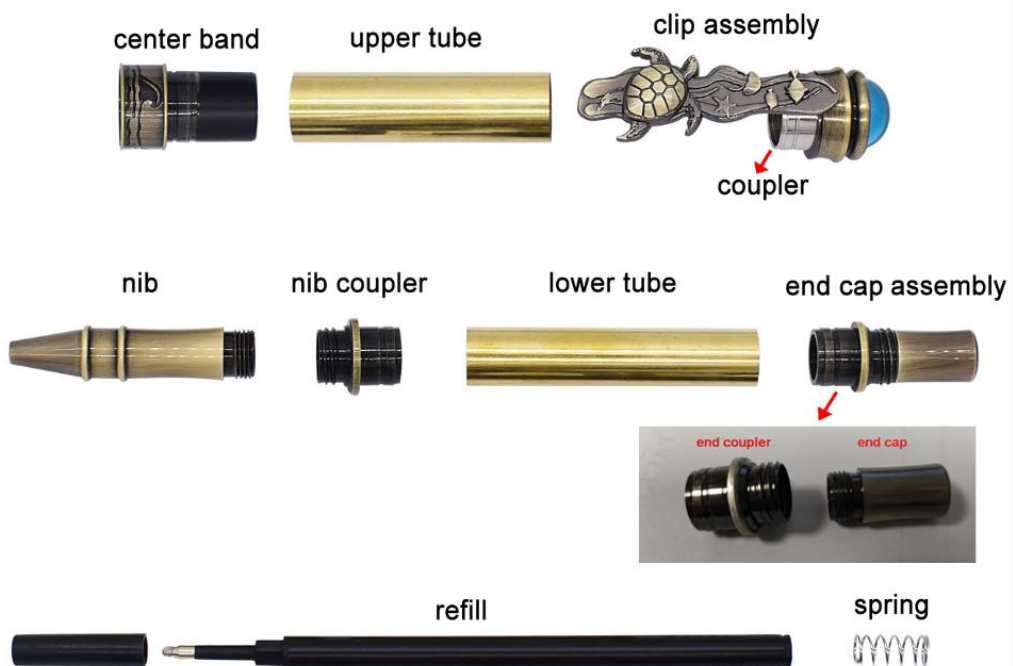
(straight or to a profile of your choice)

- Sand the blank down to be flush with the bushings gradually increasing the sandpaper grits.
- Finish the barrel with your choice of polish. Allow sufficient time for the polish to cure.

Fountain Pen Kits:



Rollerball Pen Kits:



Assembly

NOTE: Line up the components according to the above diagram.

- Screw off the coupler from clip assembly.
- Press the coupler to one end of the upper tube (shorter tube).
- Press the center band, black end first, into the opposite end of the upper tube.
- Screw off end coupler from the end cap
- Press the end coupler into the one end of the lower tube. Thread the end cap into the end coupler.
- Press the nib coupler into the opposite end of the lower tube.

Fountain Pen Kits-----Attach the ink cartridge to the back of the fountain nib, then thread the fountain nib into the nib coupler.

Rollerball Pen Kits-----Insert the spring then the ink refill into the long tube. Thread the rollerball nib into the nib coupler.