

Xiamen Rizheng Industry Co.,Ltd

Horse Pencil Kits Assembly Instructions

REQUIRED ACCESSORIES:

- 7mm, Pen Mandrel
- 4-piece bushing set RZ-PCL478#-BU
- 8.7mm Drill Bit
- Universal Barrel Trimming
- 2 Part Epoxy Glue



PREPARING THE BLANK:

- Cut two pen blank to the length of the brass tube (add 1/16" to each end for squaring off).
- Drill a 8.7mm center hole lengthwise through the blank.
- Spread the glue over the tube. Insert the tube into the blank with a twisting motion to spread the glue evenly inside. Center the tube lengthwise in the blank.
- When the glue dries, square the ends of the blank. Use a barrel trimmer, universal pen blank squaring jig, or a belt/disc sander to square the end. Take the wood down flush to the brass tube.

TURNING THE BLANK:

- Place 7mm spacer bushings onto the mandrel followed by an end bushing, wide end in first, then the wood blank followed by the other end bushing, narrow end in first.
- If necessary, use additional spacer bushings to fill the space on the shaft up to the threads.
- Thread on the lock nut and hand tighten to hold all items in place.
- Slide the tailstock to the mandrel shaft, (do not overtighten, it could damage the mandrel). Lock in place.
- Turn the wood down flush with the bushings using the lathe tools, gradually increasing the grades of sandpaper.
- Finish the barrel with your choice of polish. Allow sufficient time for the polish to cure.

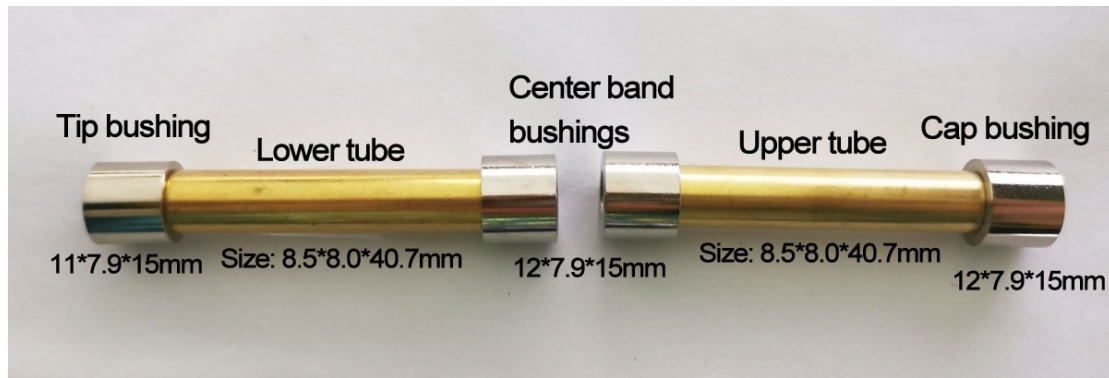
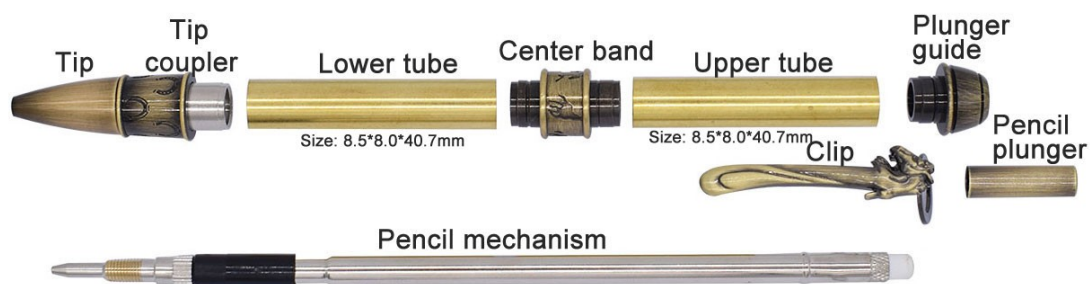


DIAGRAM A



ASSEMBLY:

- Press the Tip assembly into the end of the lower tube
- Press the center band into the opposite end of the lower tube.
- Press the upper tube onto the center band.
- Press plunger guide into the clip then onto the opposite end of upper tube.
- Insert pencil mechanism through the plunger guide.
- Screw the tip tightly onto the threaded end of the mechanism.
- The pencil operates by pushing down on the plunger. This clicks the lead out. The eraser and extra lead is located under the cap on the mechanism.

Note: If lead does not advance properly or retracts when writing, gently pull exposed short piece of lead out of mechanism. Continue to pump pencil plunger until a new piece of lead is exposed.