

# Monarch Pencil Kits Assembly Instructions

## Required Accessories:

- 7mm, long mandrel
- 27/64" drill bit
- barrel trimmer
- Sierra bushing set
- 2 part epoxy glue or insta-cure (cyanoacrylate)
- Sanding and finishing supplies

## Preparing the Blank

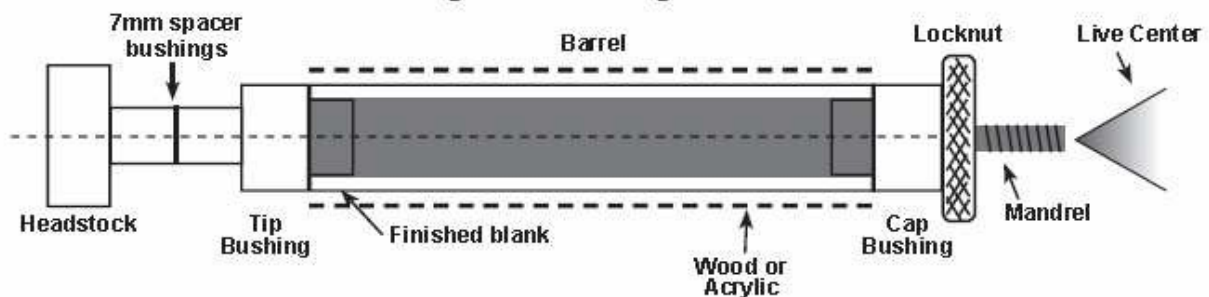
Prepare a master blank of at least 5/8" square. Cut to the length of the brass tube (add 1/16" for trimming).

Drill a 27/64" center hole through the blank.

Glue the tube in the blank. Spread the glue over the tube; insert the tube into the blank with a twisting motion to spread the glue evenly. Center the tube inside the blank.

Sand or barrel trim to **square** the ends of the blank

## Diagram A



## Turning the Blanks (see Diagram A)

- Mount 7mm spacer bushing on the mandrel, followed by the tip bushing; wide end first. Insert the blank. Follow with the cap bushing; narrow end first. Mount spacer bushing to fill the space to the threads on the mandrel. Screw on the knurled nut hand tight. Bring the tailstock in snug to the mandrel and tighten the knurled nut for turning. Do not overtighten the knurled nut, it may damage the mandrel.
- Turn the blank down close to the bushings. Follow with abrasives until the barrel diameters are flush with the bushings.
- Finish with your choice of polish.

## Assembly



1. Press the finial/clip assembly into one end of your finished blank.
2. Screw the Nib Section into another end of your finished blank .
3. Insert the Pencil Mechanism into the finial and through the pencil body until it stops. The pointed end should be exposed through the Nib Section.
4. Screw the Nib to the Pencil Mechanism securely.
5. You new pencil is complete.

It should be noted that the pencil mechanisms come from the factory with the lead already installed, so all you have to do is push the button on the Finial end until the lead is exposed for writing.