

# LO10# Letter Opener Kits Assembly Instructions

## Required Accessories

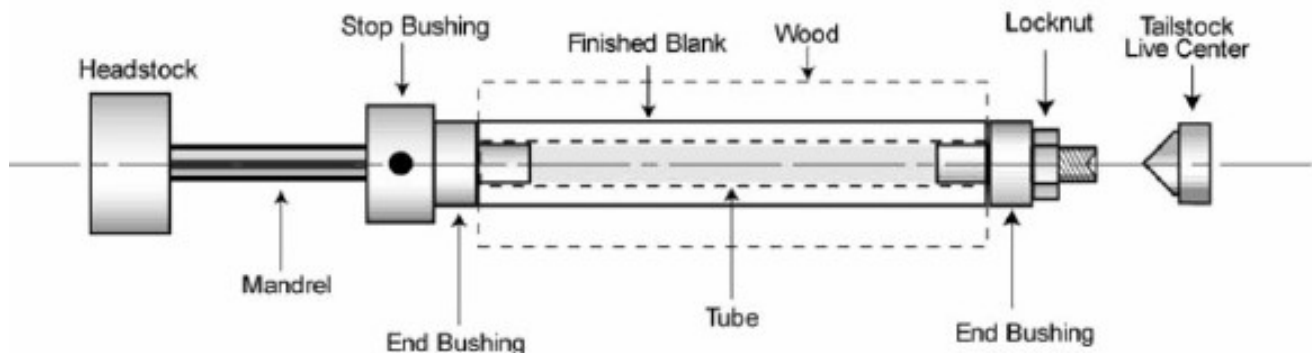
- 7mm Pen Mandrel
- 7.5mm drill bit
- 2 pc. bushings set
- barrel trimmer
- epoxy glue or insta-cure (cyanoacrylate) glue

## Preparing the Blank

- Cut a blank of 5/8" square to the length of the brass tube. Add 1/16" for squaring off.
- Drill a 7.5mm hole through the blank.
- Spread glue over the tube, insert into the blank with a twisting motion to spread the glue evenly inside.
- When the glue dries, use barrel trimmer to square the ends of the blank. Take the wood flush with the brass tube.

## Turning the Blank

- Place the first bushing on the mandrel then the tubed blank and the other end bushing onto the mandrel. Bring up the tail stock snug with the live center. Tighten live center to mandrel. Tighten stop bushing and lock nut.
- Turn the blank to the design of your choice- Must cut a tenon for the center band. Use Center band for sizing



## Assembly

- Line-up the parts according to DIAGRAM A below.
- Press the end cap into the tube.
- Press the center band into the opposite end into the barrel flush to the wood.
- Put the retainer into the brass tube, making sure that the chamfered end are

against the tube.

- Pass the tang of the blade through the coupler and screw into the thread retainer in the handle.

- Optional: You can use a drop of CA glue on all mating parts to ensure a permanent joint.

Now the letter opener is finished.

### DIAGRAM A

