



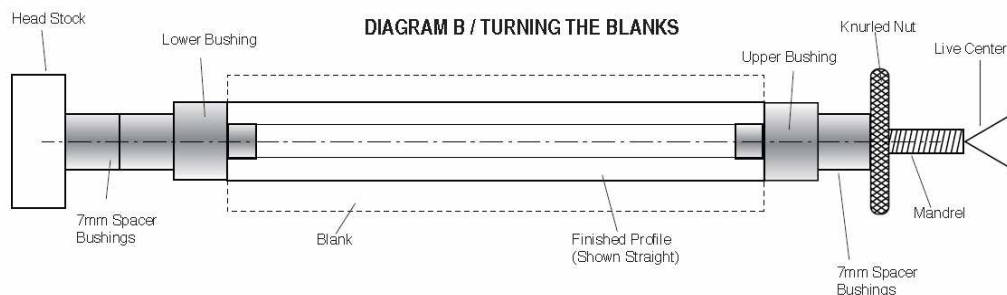
## Laser Pointer Pen Kits Assembly Instructions

### Required Accessories:

- 7mm Pen Mandrel
- Drill Bit: 12.5mm
- Bushing set (2 pc) #10359
- Universal squaring jig or a 7mm barrel trimmer with a trimming sleeve
- Glue (Thick CA or Epoxy)
- Use 2 AAA batteries

### Preparing the Blank:

- Cut 1 blank to the length of the tube and add 1/16" for squaring off.
- Drill 12.5mm hole lengthwise through the blank.
- Spread glue over the tube, insert the blank with a twisting motion to spread the glue evenly inside. Center the tubes lengthwise inside the blanks.
- When the glue dries, use a universal squaring jig or a 7mm barrel trimmer with a trimming sleeve. Trim the wood down, flush to the brass tube.



### Turning the Blank

- Mount the bushings and blanks according to diagram B.
- 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.

## Diagram A



## Assembly

Layout parts according to diagram A

- Press the clip into one end of the barrel
- Put the ring to the coupler, and then press to the opposite end of the barrel
- Drop 2 AAA batteries, plus side up, through the opening at the barrel
- Screw the laser assembly into the front end.
- The laser pen is ready to operate by clicking on and off on the button.