

# Desk Pen Kits Assembly Instructions

## Required Accessories:

- Drill Chuck/Revolving Center
- Pen Mandrel
- 7mm drill bit RZ-DB007
- Bushing set RZ-BP512#-BU
- Barrel trimmer sleeves
- Glue (Thick CA or Epoxy)
- 3/4" x 3/4" x Desired length Blank

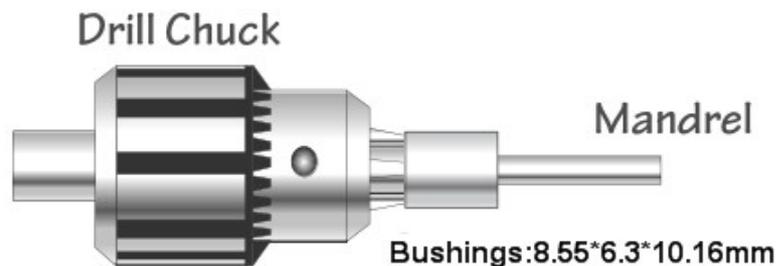


## Cutting and drilling the Pen Blank:

1. Select and cut a blank of hardwood to 3/4" x 3/4" and 1" longer than the desired finished pen length.
2. Drill a 7mm hole 51.8mm deep into the writing end of the blank.
3. Press the insert end cap into one end of the brass tube until it sets flush with the end of the brass tube.
4. Glue the brass tube, plugged end first, into the wood blank.

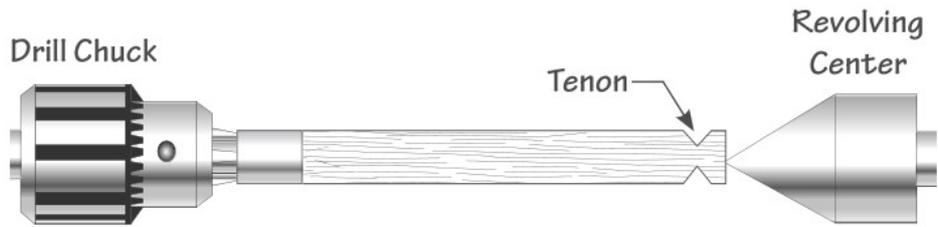
## Mounting and Turning the Blank:

- Mount a drill chuck into the headstock of your lathe. Tighten the mandrel inside the drill chuck, then slide the bushing onto the mandrel.



- Slide the prepared blank onto the mandrel and up against the bushing. Slide the tailstock and revolving center up against the end of the blank.

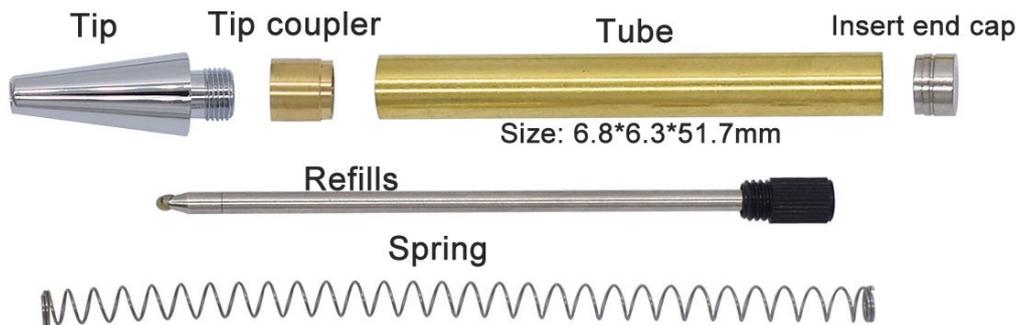
- Turn the pen between centers to the desired shape leaving a small tenon between the top of the pen and the revolving center.



- Sand the blanks using progressively finer grits of sand paper then apply the finish.
- Remove the pen from the lathe and cut off the tenon. Sand and finish the area where the tenon was cut.

## Assembly

- Arrange parts according to Diagram as below.



- Press the tip assembly (tip & tip coupler together) into the brass tube.
- Unscrew the tip from the coupler in advance.
- Slide the refill into the tube and slide the spring onto the refill.
- Screw the tip back into the coupler to complete the pen.