

# Desktop Golf Pen Kits Assembly Instructions

## Required Accessories:

- 7mm pen mandrel
- 2piece Bushing Set RZ-BP688#-BU
- 7mm Drill Bit RZ-DB007
- Universal Barrel Trimmer 7mm shaft
- Live Tailstock Center
- 2 part epoxy glue or instacure glue (cyanoacrylate)



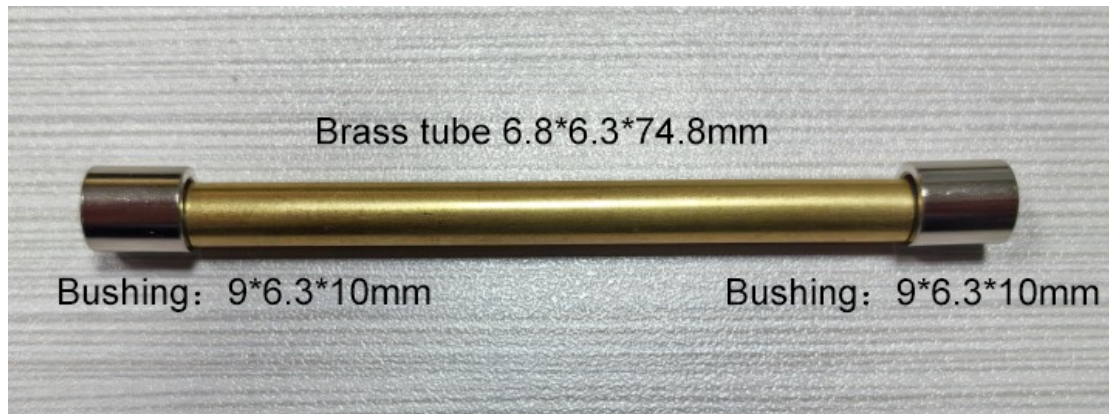
## Preparing the Blanks:

- Cut one pen blank to the length of the brass tube (add 1/16" for trimming).
  - Drill a 7mm 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 end of each blank. Use a Barrel trimmer with 7mm shaft or a universal pen blank squaring jig with a power disc sander. Take the wood down to the brass tube. Do not trim beyond the length of the tube since this may interfere with operation of the mechanism and assembly.
- Use the barrel trimmer shaft to clean the inside of the tube.

## Turning the Blanks:

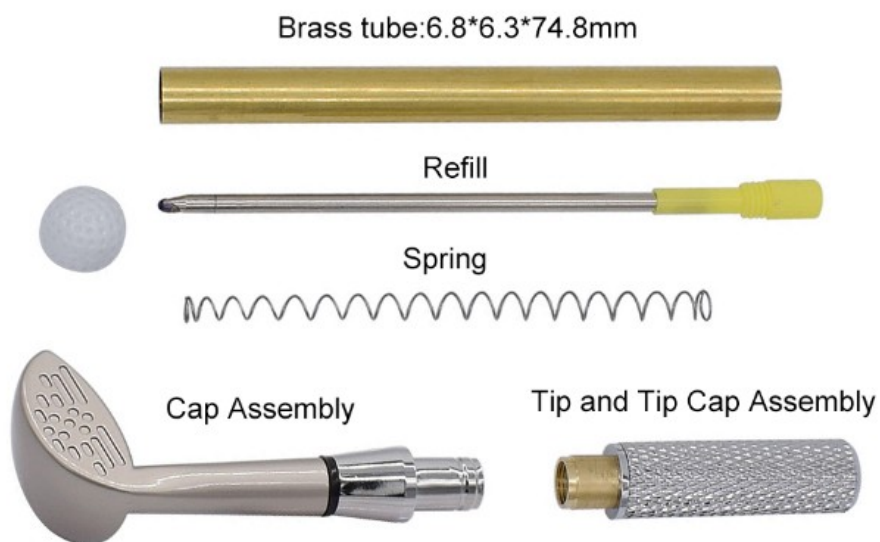
- Mount the bushings and blanks on the mandrel according to Diagram "B"
- Thread on the knurled nut and hand tighten to hold all components in place.
- Slide the tailstock up snugly against the mandrel shaft inserting the live center point into the mandrel dimple, lock in place.
- Hand tighten the quill 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. - refer to polish instructions.

## Diagram B



## Pen Assembly

According to the Diagram C



- Unscrew the cap assembly, it will be two parts (end Cap and cap coupler). Please don't lose the black ring.
- Press the cap coupler into one end of the tube.
- Screw the cap with black ring to the cap coupler.
- Unscrew the tip cap assembly, it will be three parts (tip, tip coupler and tip cap).
- Press the tip coupler into the other end of the tube.
- Insert the Spring with the Refill into the opening tube.
- Screw the tip to the tip coupler.
- Place the tip cap over the tip