

## REFRIGERATOR MAGNETIC PEN KIT ASSEMBLY INSTRUCTIONS

### REQUIRED ACCESSORIES:

- 7mm Pen Mandrel
- 7mm Drill Bit RZ-DB007
- 7mm Barrel Trimmer RZ-PM011
- Bushing Set RZ-BP157#-BU
- 2 part epoxy glue or insta-cure (cyanoacrylate) glue

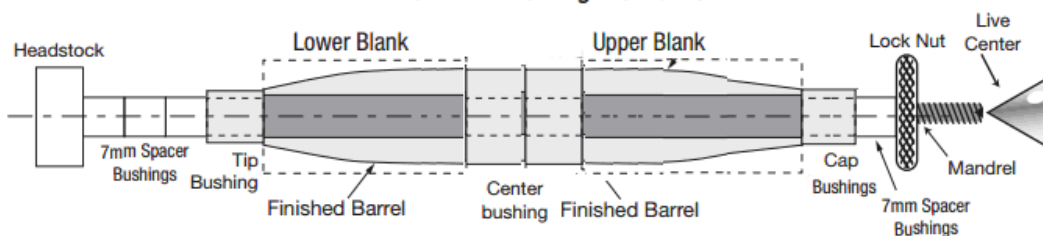
### PREPARING THE BLANKS FOR TURNING

- Cut 3/4" square blanks to the size of the brass tubes (add 1/16" for squaring off).
- Drill a 7mm center hole lengthwise through each blank.
- Spread glue over the tubes and insert each tube into blank with a twisting motion spreading glue evenly inside the blank.
- Center each tube lengthwise in the blank.
- When glue dries, square the ends of the blanks using a 7mm barrel trimmer (3/4" head). Trim the wood down flush to the brass tubes.

### TURNING THE BLANKS

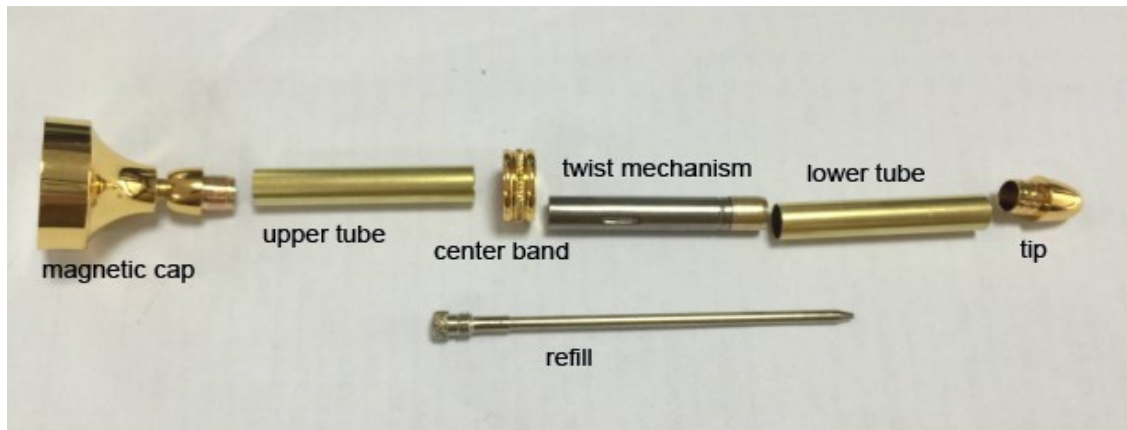
- Place 7mm spacer bushings onto the mandrel. Place the tip bushing (smaller) on next, follow with the lower blank and then the center bushing (larger). Follow with the upper blank. Place the cap bushing on last. Add spacer bushings up to the thread.
- Thread on the locknut, hand tight. Bring the tailstock snug with the mandrel (do not over tighten, it could damage the mandrel). Lock in place. Tighten the locknut to prevent the blanks from spinning.
- Turn the wood down. Create a rounded profile from each end to the center, using sharp, lathe chisels and gradually higher, finer grits of abrasives.
- Sand the blanks flush with the bushings. Finish the barrels with your choice of polish and wax.

DIAGRAM B • Turning The Blanks



## REFRIGERATOR MAGNETIC PEN KIT ASSEMBLY INSTRUCTIONS

DIAGRAM A



### ASSEMBLY (see [DIAGRAM A](#))

- Press the tip into the lower barrel.
- Press the twist mechanism, brass end in first, into the opposite end of the barrel to the indentation line on the mechanism
- Install the refill and actuate the twist mechanism to determine how far the refill point extends beyond the writing tip. If necessary, press the twist mechanism slightly further into the brass tube to expose more refill. Be careful not to press the twist mechanism too far into the tube as it cannot be pulled out.
- Slide the center band over the end of the twist mechanism.
- Press the magnet cap into the end of the upper tube.
- Press the upper tube over the end of the twist mechanism to complete the pen.