

Rubber click pen kits

REQUIRED ACCESSORIES

- 7mm pen mandrel
- Bushing BU148
- 8mm Drill Bit DB008
- Pen Mill PM012

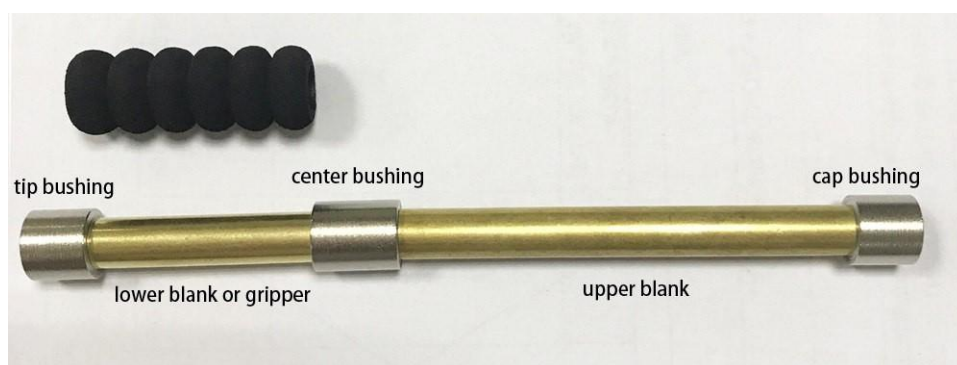


PREPARING THE BLANK FOR TURNING

Note: You may make these pens using the rubber gripper or all wood construction. When making all wood construction use all 3 bushings. When making with gripper, do not use the tip bushing. Instructions below pertain to using the gripper. The all wood option is detailed in DIAGRAM A.

- Cut 3/4" to 1" square blank to the size of the back tube (add 1/16" for squaring off).
- Drill an 8mm center hole lengthwise through the blank.
- Spread glue over the tube and insert it into the blank with a twisting motion to spread the glue evenly inside the blank. • Center the tube lengthwise in the blank.
- When the glue dries, square the ends of the blank. Use an 8mm barrel trimmer. Trim the wood, flush to the brass tube.

DIAGRAM A



TURNING THE UPPER BLANK

- Place 3-4 7mm spacer bushings onto the mandrel, and follow with the center bushing. Slide on the upper blank, follow with the combo/cap bushing narrow end in first. Fill the space to the threads with spacer bushings. Thread on the lock nut hand tight. Bring up the tail stock until it is snug to the

mandrel shaft, lock in place, and do not over tighten (it could damage the mandrel). Tighten the lock nut to prevent the blank from spinning. Slide the sleeve snug against the blank lock with set screw.

- Turn the wood in a tapered profile from the center bushing to the cap bushing. Unscrew the set screw and slide the sleeve away from the blank, tighten.

Using a skew or other flat cutting tool round the corner of the blank at the end.

- Sand and finish the barrel with your choice of polish and wax

DIAGRAM B



PEN ASSEMBLY

- Press the coupler, recessed end in first, into the exposed lower tube.
- Slip the gripper over the tube.
- Press the center band into the opposite end.
- Slide the 3-piece mechanism into the opening of the upper barrel. Follow with the support tube.
- Press the exposed end of the center band into the upper barrel.
- Press the clip assembly into the opposite end of the barrel.
- Insert the refill with spring through the coupler. Push in to connect. Drop the mechanism spring inside the click assembly. Insert the plunger and screw into the threads of the back mechanism.
- Slide the refill spring over the refill tip. Thread on the pen tip.
- The pen is ready to operate by clicking the plunger to extract or retract the refill tip.