



**FLAT TOP AMERICAN STYLE
PENCIL ASSEMBLY**

TOOLING-MANDREL-B

BUSHING-1B

DRILL-0

WOOD- 5/8 X 5/8 OR LARGER SQUARES

LENGTH OF WOOD-SEE TURNING INSTRUCTIONS METHOD #1 OR #2

CAP ASSEMBLY-IMPORTANT-THERE ARE TWO TUBES IN CAP ASSEMBLY-ONE TUBE FITS INSIDE THE OTHER TUBE. DO NOT GLUE THIS TUBE IN WOOD.

1. PRESS CENTER RING INTO EXPOSED TUBE.
2. PRESS BRASS CLIP BUSHING INTO ONE END OF SMALL TUBE.
3. PRESS THIS TUBE INTO FINISHED BLANK UNTIL FLUSH.
4. INSERT FINIAL THROUGH CLIP, SCREW INTO BRASS CLIP BUSHING.

LOWER BARREL ASSEMBLY

1. NIB ASSEMBLY -SLIP RING OVER CENTER PRESS INTO ONE END OF FINISH BLANK.
2. PRESS CENTER STABILIZER RING INTO OTHER END OF BLANK.
3. INSERT PENCIL MECHANISM INTO LOWER BARREL.
4. SCREW ON NIB TIGHTLY.
5. SLIDE CAP OVER MECHANISM TURN CAP CLOCKWISE UNTIL LEAD COMES OUT

REPLACING LEAD

1. REMOVE ERASER FOR LEAD STORAGE.
2. WHEN LEAD RUNS OUT TURN CLOCKWISE UNTIL ALL LEAD IS PUSHED OUT.
3. TURN CAP COUNTER CLOCKWISE INSERT LEAD AND RETRACT UNTIL ABOUT 1/8 OF LEAD IS EXPOSED THEN PRESS AGAINST SOLID SURFACE, LEAD WILL SEAT IT SELF.
4. YOU ARE NOW READY TO WRITE.

TURNING INSTRUCTIONS (2 METHODS)

METHOD #1-CUT WOOD LENGTH OF TUBE(LITTLE LONGER TO SQUARE OFF DRILL WITH 0 BIT AND EPOXY TUBE INTO WOOD BLANKS. TURN WOOD TO DESIRED SIZE OR TO DEPTH COLLARS. WITH A PARTING TOOL, PART OFF WOOD FROM ONE END SO THAT YOUR LEFT WITH A WOOD BLANK 1 13/16 LONG, LEAVING PART OF TUBE EXPOSED. (THIS IS FOR CENTER RING, SEE CAP ASSEMBLY) SAND&POLISH. TURN LOWER WOOD TUBE TO DEPTH COLLAR OR DESIRED SIZE. SAND & POLISH. MANDREL SET UP FOR THIS METHOD BUSHING 1&2 FOR UPPER TUBE, BUSHINGS 4&5 FOR LOWER TUBE.

METHOD #2-CUTTING WOOD FOR CAP BEFORE TURNING, CUT WOOD 1 13/16 INCHES (FINISH SIZED CUT WOOD FOR LOWER TUBE SAME SIZE AS BRASS TUBE. TURN TO DESIRED SIZE OR TO DEPTH COLLARS. SAND & POLISH. MANDREL SET UP FOR THIS METHOD-BUSHING 1&3 FOR UPPER TUBE, 4&5 FOR LOWER TUBE. BUSHING #3 SLIDES OVER EXPOSED TUBE. 05/99