



### FILAGREE PEN

#### TOOLING-MANDREL-B

BUSHING-1 B

DRILL-0

WOOD 5/8 X 5/8 OR LARGER SQUARES

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

#### ASSEMBLY

1. NIB ASSEMBLY-(3 PART)-PUSH NIB INTO BLACK CENTER, SLIDE ON SMALL RING PRESS INTO ONE END OF LOWER TUBE. (#1).
  2. PRESS TWIST HOLDER INTO OTHER END OF LOWER TUBE. (#1).
- CAP ASSEMBLY-(UPPER TUBE (#2)).**
1. PRESS CENTER RING ONTO EXPOSED TUBE.
  2. PRESS BRASS CLIP BUSHING ONTO UNTHREADED END OF TWIST MECHANISM.
  3. PRESS TWIST MECHANISM INTO TOP OF TUBE #2. FLUSH WITH WOOD.
  4. MAKE SURE PEN IS WORKING PROPERLY.
  5. SLIDE FILIGREE OVER WOOD ONTO LIP OF CENTER RING (NOTCHED END UP FOR CLIP)
  6. PUT BLACK FINIAL THROUGH HOLE IN CLIP AND SCREW INTO BRASS CLIP BUSHING (MAKE SURE CLIP IS IN NOTCH) A DROP OF SUPER GLUE WILL MAKE SURE FINIAL WILL NOT BACK OFF.

#### TURNING INSTRUCTIONS

##### METHOD #1 (CAP) LONGER TUBE

1. CAP-CUT WOOD LENGTH OF WOOD OR A LITTLE LONGER TO SQUARE OFF.
2. DRILL WITH 0 BIT AND GLUE TUBE IN WOOD TURN TO DEPTH COLLARS.
3. WITH A PARTING TOOL, PART ONE END OF BLANK LEAVING BLANK 2 INCHES LONG. THIS WILL LEAVE PART OF TUBE EXPOSED (THIS IS FOR CENTER RING) (SEE CAP ASSEMBLY)\*\*\*IMPORTANT-IF WOOD BLANK IS SHORTER THAN 2 INCHES FILAGREE WILL PUSH OFF CENTER RING, LITTLE LONGER IS OK.
4. SAND TO DEPTH COLLARS AND CHECK TO SEE IF FILAGREE WILL SLIDE OVER UPPER BARREL (LARGE DIAMETER) BEFORE POLISHING

##### LOWER BARREL-(SHORT TUBE)

1. CUT WOOD LENGTH OF TUBE OR A LITTLE LONGER TO SQUARE OFF.
  2. DRILL WITH 0 BIT AND GLUE IN TUBE.
  3. TURN TO DEPTH COLLAR, SAND & POLISH.
- BUSHING FOR THIS METHOD ARE 1&2 FOR CAP, 4&5 FOR LOWER BARREL.

##### METHOD #2-CUTTING WOOD BEFORE TURNING

##### CAP (LONGER TUBE.)

CUT WOOD 2 INCHES (FINISHED SIZE) DRILL WITH 0 BIT AND GLUE IN TUBE PART OF TUBE WILL BE EXPOSED FOR CENTER RING \*\*\* SEE ABOVE

##### LOWER BARREL(SHORT TUBE)

SAME AS METHOD #1

BUSHING FOR THIS METHOD USE 1&3 FOR CAP, 4&5 FOR LOWER BARREL.

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