

## 7 MM MB PEN KIT 301



### TOOLING

A-MANDREL

J-BIT OR 7 MM

10A BUSHINGS

WOOD 3/8 IN. X 3/8 IN. X 4 1/2 IN.

### TUNING INSTRUCTIONS

1. CUT WOOD BLANKS SAME LENGTH AS TUBES OR A LITTLE LONGER SO YOU CAN SQUARE OFF LONG TUBE LOWER BARREL-SHORT TUBE UPPER BARREL.
2. DRILL WITH 7 MM DRILL OR J BIT.
3. GLUE TUBES IN WITH GLUE OR EPOXY.
4. SQUARE OFF ENDS.
5. FITTING BLANKS-A MANDREL, SLIDE SMALLEST BUSHING (.300) ON THEN LONGEST BLANK, SLIDE LARGEST BUSHING (.425) ON THEN SHORT BLANK, THEN LAST BUSHING (.400).
6. TURN LOWER BARREL (LONG BLANK)
7. CAP-DO NOT TURN MID-BODY OF CAP DOWN TO BUSHING. TURN IT TO (.515) TO MATCH CENTER RING MARK THE CAP (.240) INCHES FROM MID-BODY END OF CAP WITH PEN OR PENCIL. FOLLOWING FOUR MARK TURN TENSION ON CAP MEASURING (.412).
8. CHECK TO SEE IF CENTER RING WILL FIT TENSION IF SO SAND & POLISH.

### ASSEMBLY INSTRUCTIONS

1. PRESS CENTER RING ONTO CUT TENSION, IF LOOSE USE A LITTLE SUPER GLUE.
2. PRESS INSERT INTO OTHER END OF CAP.
3. PRESS NIB INTO SMALL END OF LOWER BARREL.
4. PRESS TWIST MECHANISM INTO OTHER END OF LOWER BARREL, LEAVING ABOUT 1/16 OF MECHANISM SHOWING OVER ALL LENGTH WITHOUT REFILL SHOULD BE 5/17 INCHES.
5. SCREW IN REFILL.
6. SLIDE CAP OVER TWIST MECHANISM.
7. SCREW GOLD FINIAL & CLIP INTO TOP OF CAP.

**IMPORTANT:** FOR THIS KIT ONLY. TAP THE FIRED STOP BUSHING BACK ON SHAFT A TOWARD THE HEADSTOCK END TO MAKE THE TUBES FIT CORRECTLY ON THE MANDREL. 5/1/01