



## **CIGAR PEN LETTER OPENER**

Tooling:  
A-Mandrel  
#11A Bushing Set  
10mm Drill

### **Cutting & Turning**

- Cut wood length of tube or a little longer so you can square off.
2. Drill with 10mm drill bit and glue in tube.
  3. Turn to desired size and square off ends. Sand & polish.

### **Assembly**

- Slide large gold ring onto black hilt. Press this part into larger end of finished blank.
2. Slide (1) small gold ring over thread of silver threaded insert. Screw on finial and press into small end of finished blank.
  3. Place other small gold ring onto black hilt and screw in blade. The blade will center this small ring. Glue blade in - will help keep from loosening up.

Bushings – use largest bushing .5765 and second smallest bushing .4740  
Match up to parts if not sure.

10/03