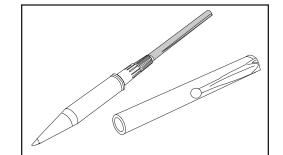
# **#PKFILEPEN**Diamond File Pen Kit



# **REQUIRED ACCESSORIES:**

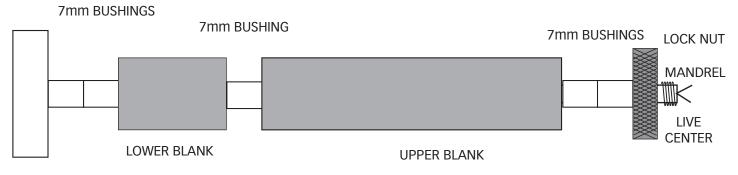
- 7mm Pen Mandrel
- 7mm Bushings #PKM-BUSH3
- 7mm Drill Bit #PK-7MM
- 7mm Barrel Trimmer #PKTRIM7 or #PKTRIMKIT
- 2-part epoxy glue or insta-cure (cyano acrylate) glue

# TIP LOWER TUBE PEN MECHANISM DIAMOND FILE ASSEMBLY CENTER BAND PEN REFILL UPPER TUBE CLIP TIP LOWER TUBE PEN MECHANISM DIAMOND FILE ASSEMBLY CENTER BAND UPPER TUBE CLIP

### PREPARING THE WOOD BLANKS:

- Cut 2 5/8" square wood blanks to the length of the brass tubes. Add about 1/16" for trimming off.
- Drill a 7mm hole straight through each blank.
- Glue the brass tubes inside the proper blank. Insert the tube with a twisting motion to spread the glue evenly inside the center of each tube lengthwise in the blank.
- When glue dries; use a 7mm barrel trimmer, trim as usual.

# **DIAGRAM B - TURNING THE BLANKS**



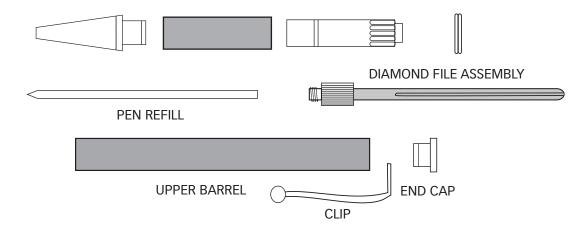
### **HEADSTOCK**

### TURNING THE BLANKS:

Place the 7mm bushings onto the mandrel. Place the short lower blank on next. Follow with another 7mm bushing. Add the longer, upper blank and follow with a 7mm bushing.

Loosely thread on the lock nut. Bring the tailstock in, lock in place. Tighten the lock nut for turning. Turn the wood down, sand to the bushing diameter. Finish the wood with your choice of polish.

### **DIAGRAM C - ASSEMBLY**



Note: Line up pen parts accordingly as in Diagram C (above).

# **ASSEMBLY**:

- Press the tip into the lower barrel.
- Press the pen mechanism into the opposite end of the barrel to the indentation line.
- Slide the center band over the exposed end of the mechanism.
- Insert the refill, open end into the file assembly. Push into the end.
- Insert this assembly through the hole in the mechanism thread inside.
- Insert the clip into the end cap, press this assembly into the upper barrel.
- Engage upper and lower barrels. Twist ends of the pen to advance or retract the refill.