**Perfume Atomizer Kit**

**KIT FEATURES**
- 24kt Gold Plating Finish
- Unique design
- Overall length 3-1/4” or 3-1/2”
- Reservoir able to hold any liquid

**REQUIRED ACCESSORIES**
- 7mm Pen Mandrel
- 3-piece Bushing Set—#PKATOM-BU
- 15mm HSS Drill Bit—#PKATOM-DB
- 7mm barrel trimmer #PKTRIM7 or Universal barrel trimmer system #PKTRIMKIT
- Insta-cure glue (cyano acrylate) or 2-part epoxy glue

**PREPARING THE BLANKS**
- From 7/8” or larger square stock cut blanks to the length of the tubes plus 1/16”. Grain should run lengthwise.
- Drill a centered hole lengthwise through each blank. For best results—use a 15mm HSS drill bit—#PKATOM-DB
- Spread the glue evenly on the outside of the tube and insert into the blank with a twisting motion. Center the tube within the blank and allow to dry.
- When the glue dries, square the ends of the blank. Use a universal pen blank squaring jig, or belt/disc sander to square the ends of the blanks. Take wood down to brass tubes as needed.

**TURNING THE BLANKS**
- Install a 7mm pen making mandrel on the lathe, and live center onto tailstock. Refer to DIAGRAM B.
- Place three spacer bushings on the mandrel. Place the tip bushing on, followed by the lower blank.
- Insert the center bushing on mandrel, followed by the upper blank. Insert the cap bushing.
- Thread the lock nut hand tight onto the 7mm mandrel. Do not overtighten, it could damage the mandrel.
- Bring tailstock snug to the mandrel, lock it into place. Tighten the lock nut for turning.
- Using sharp tools, turn the blank down; sand it to the to the size of the bushings.
- Finish the blank with your choice of polish.
ASSEMBLY

• **NOTE:** The PKATOM2 has convex ends and a multiple ring design on the coupling, and a ring on each end.
• **HINTS:** Use a clamp or vise with wood jaws to press parts together, squeeze slowly. Top and bottom tubes are different.
  Be sure to assemble the coupling properly.
• Align atomizer parts according to the **DIAGRAM C**.
• Press an end piece into the top of the short blank and the bottom of the long blank.
• Press the short end of the coupling into the open end of the long blank.
• Insert the retainer spring flat end first into the long blank past the coupling through to the bottom.
• Fill the atomizer with your perfume or other liquid using the plastic filler.
• Insert the atomizer into the long blank where the retainer will secure it.
• Push two halves together aligning grain as desired.

BUSHINGS

**DIAGRAM D • PKATOM-BU**

- **A** (height) .656”
- **B** (height) .556”
- Inner hole .246”