

**See Materials:**

- 1) Atlas Pen Kit **507**
- 2) Pen Blank
Recommended Size
5/8 x 5/8 x 5"
- 3) 25/64" drill bit **173**
- 4) Maxi-cure Extra-thick
CA **184** or epoxy **189**
- 5) 5/8" barrel facing tool **331**
with pilot **335**
- 6) 7mm mandrel and
bushing set **305**
- 7) Sanding rolls, 4 pk. **1120**
- 8) HUT PPP combo **109**
or HUT Crystal Coat
104

Blank Preparation:

- 1) Cut blank approximately 1/4" longer than its respective tube.
- 2) Drill blank with a 25/64" drill bit.
- 3) Glue tubes into blanks.
- 4) When glue is cured, square ends with barrel facing tool.

Turning:

- 1) **See Figure 1.** Turn on a 7mm mandrel with bushing set **305**. The barrel at the large bushing will be the top of the pen. Use spacers to fill out mandrel. (*Spacers are not included in kit*).
- 2) Turn blank down to bushings.
- 3) Sand and finish with HUT PPP combo. Finish with a two-step process; first apply PPP Satin Gloss, then PPP High gloss for a perfect pen polish or use HUT Crystal Coat.

Assembly:

- 1) **See Figure 2.** Press the Nib Coupler into one end of the pen blank.
- 2) Slide the clip over the Mechanism Coupler and press both parts into the other end of the pen blank.
- 3) Press the Twist Mechanism, brass end first, into the Mechanism Coupler. Leave 11/16" exposed (suggest leaving exposed to 3/4" checking as you go). Put refill in. Screw Nib on the Nib Coupler. Twist mechanism to see if the desired exposure of the writing tip is acceptable. If not, push mechanism in slightly more.
- 4) Press the Finial over the exposed end of the Twist Mechanism to complete the pen.