

**Materials:**

- 1) Virage™ Pen Kit  
**1470, 1471**
- 2) Minimum Pen Blank Size  
5/8 x 5/8 x 2 1/2"
- 3) 27/64" drill bit **0152**
- 4) Maxi-cure Extra-thick  
CA **0184** or epoxy **0189**
- 5) 5/8" barrel facing tool  
**0331** with pilot **0333**
- 6) 7mm mandrel and  
bushing set **0373**
- 7) Sanding rolls, 4 pk. **1120**
- 8) HUT PPP™ combo  
**0109** or Crystal Coat™  
**0104**

**Blank Preparation:**

- 1) Cut blank approximately  
1/4" longer than the tube.
- 2) Drill blank with a 27/64"  
drill bit **0173**.
- 3) Glue tube into blank.
- 4) When glue is cured,  
square ends with barrel  
facing tool.

**Turning:**

- 1) Turn on a 7mm mandrel  
with bushing set **0373**.  
Use spacers to fill out the  
mandrel.
- 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 pol-  
ish or use Hut Crystal  
Coat™.

**Assembly:**

- 1) Press small end of the  
Finial Transmission Adaptor  
into the finial until it stops.
- 2) Slide the Clip onto the  
exposed area of the Finial  
Transmission Adaptor, press  
into top end of the blank.
- 3) Press Nib Adaptor Sleeve  
into the Nib until it stops.
- 4) Press the Threaded  
Transmission Adaptor,  
tapered end first, into the Nib  
Adaptor Sleeve until flush.
- 5) With the spring on the Refill,  
insert into the Nib Assembly.  
Screw the Twist Mechanism  
over the Refill into the Threaded  
Transmission Adaptor.
- 6) Push the body of the pen  
into the Twist Mechanism.  
This is a single-twist pen.