

## CREDIT CARD PEN Instructions

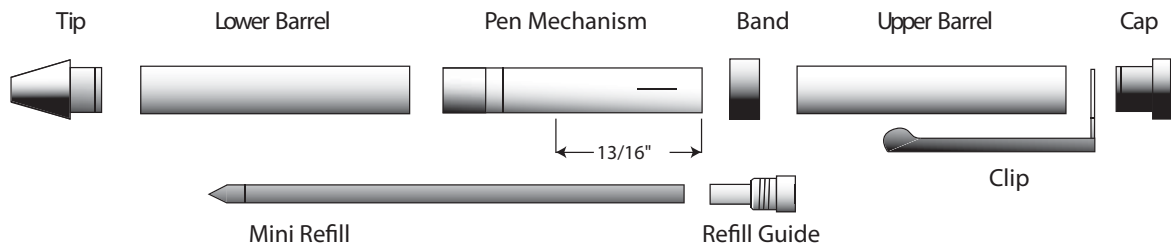
### Kit Features

- Lightweight, small, and compact
- Fits in a wallet, pocket, or purse
- Uses mini style refills (RE-MINI)
- Pen mechanism with locking refill device
- Overall size: 3-1/2"

### Required Accessories & Materials

- 7mm mandrel
- 3-pc. 7mm bushing set (SLIMBUSH)
- 7mm drill bit (DB7MM or DB7MMCT)
- 7mm barrel trimmer (PK-TRIM7)

### Diagram A - Parts & Assembly



### BLANK PREPARATION

**Cut** your blanks approximately 1/16" longer than the tube to allow for squaring with the barrel trimmer. If using wood blanks, mark the blanks so it is easier to keep the grain running in the same direction when you place them on the mandrel for turning. Use a medium drill speed to **drill** the blanks. Raise the bit from the blank every 1/4" to 1/2" to allow the chips to clear from the flutes of the drill bit. Don't force the drill bit; use an even pressure and let the bit do the work. After drilling the blanks, **sand** the exterior of the brass tubes to roughen their surface and use CA **glue** to glue the tubes inside the blanks. Sand or barrel trim to **square** the ends of the blanks.

### TURNING THE PEN

**Set up** the mandrel as shown in Diagram C. All of the bushings are the same size for the Credit Card pen. **Turn** the pen blank to the bushing diameter at the ends. **Sand** with abrasives and **finish** with your choice of polish.

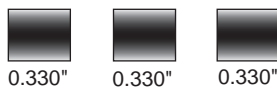
### ASSEMBLY

(Line up finished parts according to Diagram A)

*To avoid damage to components when assembling, use a vise with covered jaws or one of WoodTurningz' pen presses.*

1. Press the tip into the lower barrel. Press the pen mechanism, brass end first, into the opposite end of the barrel. Stop when 13/16" of chrome is showing outside the barrel (see Diagram A).
2. Insert the mini refill into the refill guide as far as possible. Turn the pen mechanism counterclockwise to advance the inside threads upwards.
3. Insert the refill assembly and thread inside using the knurled end. 3/32" of the refill guide will show outside the chrome. Check the extension of the refill tip for exposure.
4. Place the band over the exposed mechanism. Insert the cap into the hole in the clip. Press this assembly into the upper barrel. Engage the upper and lower barrels together.
5. The pen is ready to use by twisting the barrels to extract or retract the refill tip.

### Diagram B - 7mm Bushings



### Diagram C - Turning the Pen

