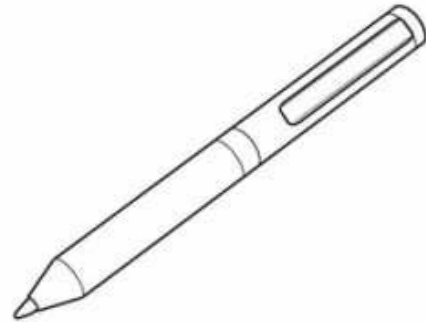


# Credit Card Pen Kit

## Assembly Instructions

### Kit Features

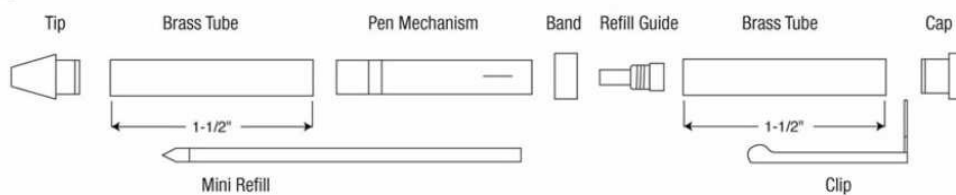
- Lightweight, small & compact
- Fits in a wallet, pocket or purse
- Stain plating for durability
- Uses mini refills
- Pen mechanism with locking refill device
- Overall size:3-1/2"



### Required Accessories

- 7mm pen mandrel
- 7mm drill bit
- 7mm barrel trimmer
- 7mm bushings set
- 2-part Epoxy Glue

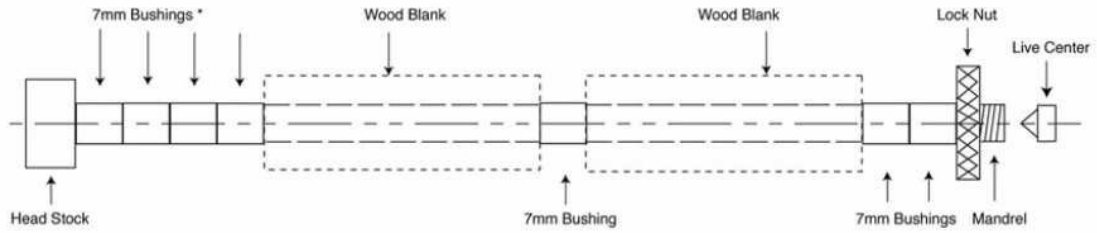
Diagram A - Pen Parts



### Preparing the Blanks for Turning

- Cut  $5/8 \geq$  to  $1/2 \geq$  square blanks to the length of the brass tubes. (Add  $1/16 \geq$  for squaring off.)
- Drill a 7mm centre hole lengthwise through each blank.
- Spread glue over the tubes and insert each tube into the blank with a twisting motion to spread the glue evenly inside the blank. Centre the tube inside the blank.
- When the glue dries square the ends of the blank using a 7mm barrel trimmer. Trim the wood flush with the brass tubes.

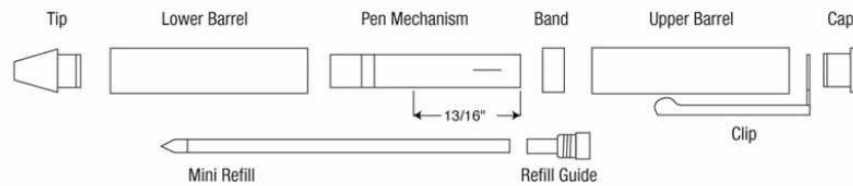
Diagram B - Turning the Blanks



## Turning the Blanks

Place 7mm spacer bushings onto the mandrel. Insert one of the blanks. Place a 7mm bushing and follow with another blank. Insert another 7mm bushing and spacer to fill up the space to the lock nut threads. Thread on the lock nut hand tight. Bring the tailstock over snug with the mandrel. (DO NOT overtighten it could damage the mandrel). Lock into place. Tighten the lock nut to prevent the blanks from spinning. Turn the wood down to the bushings using lathe chisels and gradual finer grids of abrasives. Finish the wood with your choice of polish and wax.

Diagram C - Assembly



## Assembly Note: Line up pen parts according to Diagram C.

- 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 C.)
- Insert the refill into the refill guide to bottom.
- Turn the pen mechanism anti-clockwise to advance the inside threads upwards. Insert the refill assembly and thread inside using the knurled end.
- $3/32''$  of brass will show outside the chrome. Check the extension of the refill tip for exposure.
- 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.
- The pen is ready to use by twisting the barrels to extract or retract the refill tip.