

Credit Card Pen Kit Assembly Instructions

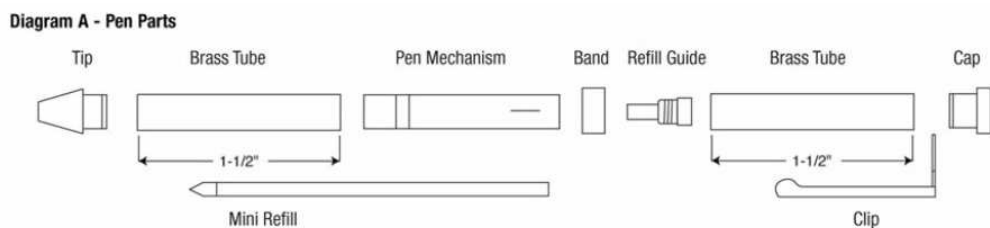
Kit Features

- 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

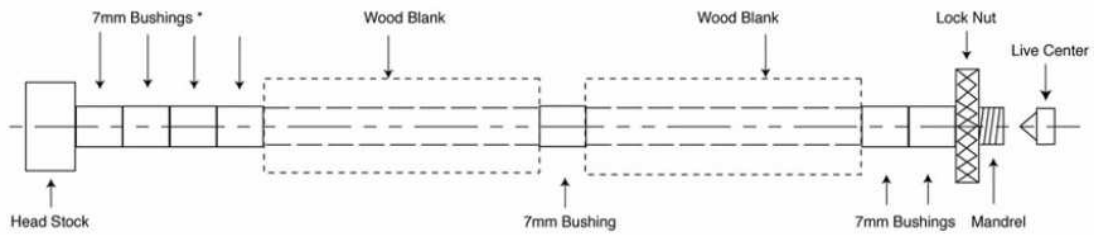
- 7mm pen mandrel
- 7mm drill bit
- 7mm barrel trimmer
- 7mm bushings set (BUSH-1A)
- 2-part Epoxy Glue or CA Glue



Preparing the Blanks for Turning

- Cut 5/8 " to 1/2 " square blanks to the length of the brass tubes. (Add 1/16 " for squaring off.)
- Drill a 7mm center 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. Center 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.

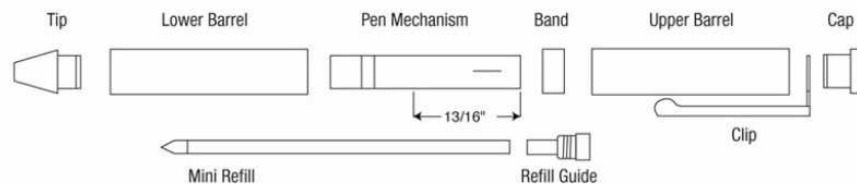
Diagram B - Turning the Blanks



Turning the Blanks

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

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.). Creep up on this measurement slowly and stop to test the refill often to make sure it extends the proper amount.
- Insert the refill into the refill guide.
- Turn the pen mechanism counter 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 proper exposure.
- Place the band over the exposed mechanism.
- Insert the cap into the hole in the clip. Press this assembly into the upper barrel.
- Slide the upper barrel over the exposed mechanism of the lower barrel.
- The pen is ready to use by twisting the barrels to extract or retract the refill tip.