

# The Duchess Pen Kit



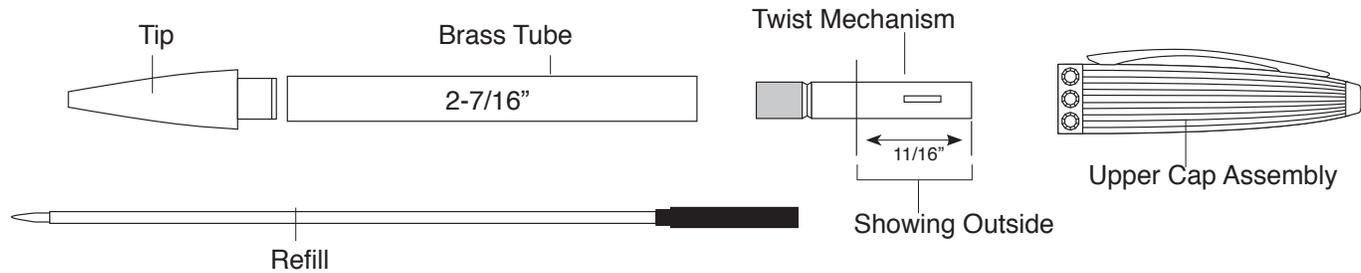
## Kit Features:

- Attractive ladies pen
- 7mm mechanism
- Single tube design
- Easy to turn and assemble
- Use Cross® Style refill for replacement
- Overall length 5-1/4"

## Required Accessories:

- 7mm pen mandrel
- 7mm Drill bit
- 3 pc. bushing set #PKCFBUSH (use 2 of the 3 in the set)
- 2 part epoxy glue or insta-cure (cyanoacrylate)
- 7mm Barrel Trimmer #PKTRIM7

## DIAGRAM A / PARTS LAYOUT



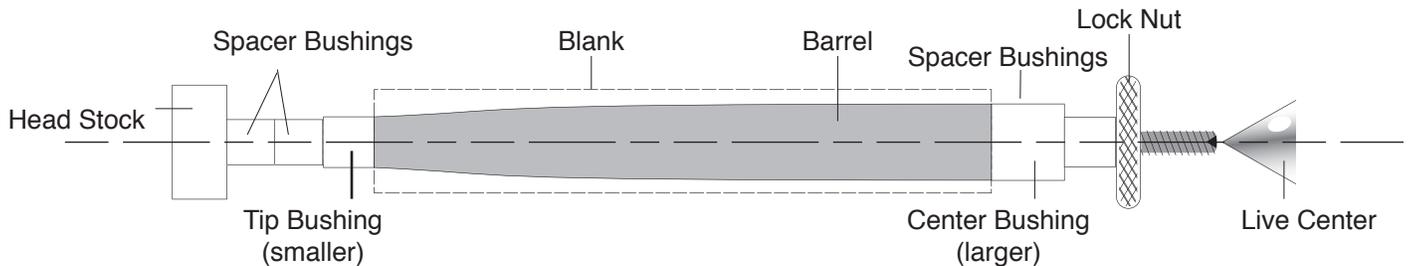
## Preparing the Blanks:

- Cut a 5/8" blank to the size of the brass tube (add 1/16" for trimming the ends).
- Drill a 7mm center hole through the blank.
- Spread glue over the tube, insert into the blank with a twisting motion, to spread the glue evenly inside, center the tube in the blank
- When glue dries, use a 7mm barrel trimmer to square the ends of the blank. Take the wood down to the brass tube.

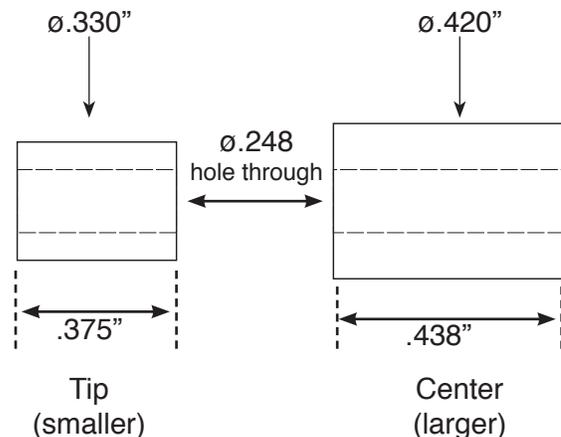
## Turning the Blank

- Place the bushing and blank on the mandrel according to the diagram "B". Use the smaller bushing for the tip end and the larger in the #PKCFBUSH set for the center.
- Turn the blank between the bushings into a desired profile.
- Finish the barrel with your preferred choice of finish.

## DIAGRAM B / TURNING THE BLANKS



## DIAGRAM D / BUSHINGS - #PKCFBUSH (only use 2 of the 3 in set)



## Assembly

- Press the tip end into the narrow end of the barrel.
- Press the twist mechanism (brass end first) into the opposite end of the barrel. Continue to press pass the ID line until only 11/16" of chrome is exposed. Insert the refill and test for extension.
- Press the cap over the mechanism. The pen is now ready to use by turning the two ends to extract or retract the refill.

