

Getting Started Turning Pens

With over 20 years experience turning pens and over 150 different pen/pencil kits for sale, Craft Supplies USA is the premiere supplier of pen turning kits and tools.

Products used:

Pen Drilling Vise	379-2005
Pen Press	379-2001
Pen Press Block	481-0001
Ci2 Mini Easy Rougher	510-5540
Ci3 Mini Easy Finisher	510-4000
8 oz. Friction Polish	949-8000
Pen Turning Essentials Kit	950-9598



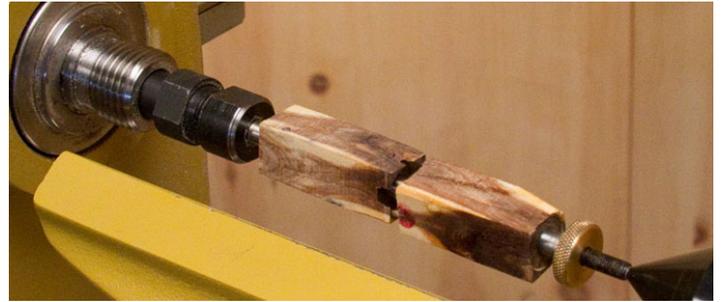
1. Select a pen blank of suitable size, cut in two and drill the required hole through the center of both pieces.



2. Glue the brass tubes into the drilled blanks using CA glue or epoxy.



3. Trim the ends of the pen blanks using a barrel trimmer. This squares the ends of the blank to the center of the tube assuring a proper fit during assembly.



4. Mount the blanks onto the pen mandrel. Place the pen bushings between the blanks. The bushings act as a visual gauge indicating the recommended final diameter of the finished pen blanks.

Hint: Mark the center of the blank for proper grain alignment during assembly.



5. Turn the corners off the blank with the Mini Easy Rougher. Start at one end of the blank and work toward the center a cutter-width at a time. Turn both blanks down to a cylinder about 1/8" larger in diameter than the pen bushings.



6. Turn the blanks to the finished shape and diameter with a the Mini Easy Finisher. Taper the blank in the direction bushing on each end of each blank, leaving the center slightly thicker.



7. Move the tool rest away from blanks and sand the blank through 320 grit then final sand with steel wool.



8. With the lathe stopped, apply the first coat of finish. Turn the lathe on and with light pressure buff the blank with the rag. Repeat until desired gloss is achieved. Apply a small amount of wax to a small rag and lightly buff the blanks to a final finish.

Assembly



1. Layout the pen parts according to the photo. This will help familiarize yourself with the parts and how they will go together.



2. Press the writing tip into the end of one barrel.



3. Start the twist mechanism, brass end first, into the opposite end of the writing tip. Lay the assembly parts into the vee groove of the Pen Press Block and press the parts together until the block stops the parts from pressing together any further.



4. Slide the clip onto the stepped portion of the cap. It will only slide partially on so do not attempt to force it on. Press the clip/cap assembly into the end of the other barrel.



5. Slide the center band over the twist mechanism. Slide the clip/cap barrel over the exposed twist mechanism to complete the pen.

