8/29/2016

WOODCRAFT

Kaleidoscope Ballpoint Pen Kit



From Setup To Sanding:

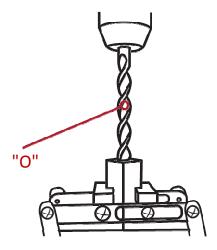
These are the supplies we suggest you have on hand to complete this pen kit:

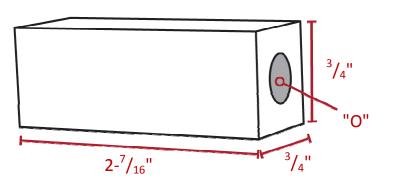
- ☐ Letter "O" Pen Maker's Bit
- $^{3}/_{4}$ " x $^{3}/_{4}$ " x 2- $^{7}/_{16}$ " Pen Blank
- Pen Mandrel
- ☐ Kaleidoscope Pen Kit Bushings (162307)
- Thick CA or 5 Minute Epoxy
- Drill or Drill Press
- Sandpaper/Micro-Mesh
- Barrel Trimmer
- Pen Press
- Eye & Ear Protection

Dust Mask

Cutting & Drilling Blanks:

Note: Additional length has been added to the overall length of the blank to accommodate for squaring the ends of the blank.





Product: #162304, #162305, #162306

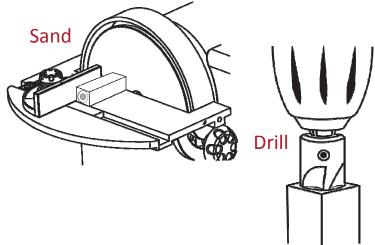


Gluing Blanks to Tubes:

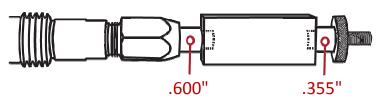
Rough the entire surface of the tube using 180-grit paper. Next, using either a thick CA or 5 Minute Epoxy, apply adhesive to both the tube and the inside of the blank. To secure the brass tube be sure to rotate the tube as you insert it into the blank. This will help ensure even coverage of the adhesive and a much more secure bond.

Squaring the Blank to Length:

When squaring the blanks work only the brass. Removing brass will affect the overall length of the blank which is critical to the proper operation of the pen.



Mandrel Preparation:



Turning & Finishing the Blanks:

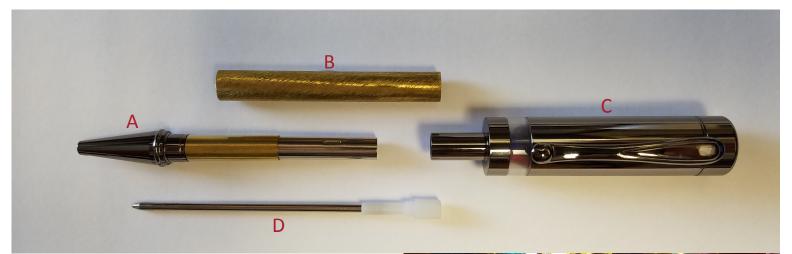
Turn the blank to your desired profile, leaving the blank slightly proud of the bushings. With the lathe spinning, begin sanding with 120-grit paper, progress through the finer grits, finishing at 320-grit. Once finished with sanding, apply a finish of your choice.



Kaleidoscope Ballpoint Pen Kit

Product: ##162304, #162305, #162306

8/29/201



Assembly:

- Press the Finished Blank (B) narrow end first onto the Nib/ Twist Mechanism Assembly (A).
- Next thread the Ink Refill (D) into the end of the Nib/Twist Mechanism Assembly (A).
- By hand, press Clip Assembly (C) over the Ink Refill (D) and onto the end of the Nib/Twist Mechanism Assembly (A).

To advance the ink refill hold onto the Nib of the pen and rotate the Clip Assembly clockwise, to retract the ink refill hold onto the Nib of the pen and rotate the Clip Assembly counter clockwise.





