

EXOTIC BLANK INSTRUCTIONS

“Always use a dust mask and eye protection”

NOTE: These blanks require more care to turn than wood, but with patience, you will enjoy success. Sharp tools and light cuts are absolutely necessary. We recommend that you have some experience in turning Acrylic Blanks. We suggest you learn on less expensive Acrylic Blanks before turning Exotic Blanks.

Our “Exotic Blanks” are already squared and cut to length for your specific pen kit style. We do recommend that you chamfer the brass tubes before assembly to avoid possibly cracking the acrylic when pressing in the pen parts.

We also recommend sanding off the square edge on a belt or disc sander before turning on the lathe. You will experience less chatter, and less chance of chipping or breakage.

There are many ways to finish “Acrylic Blanks” and we mention this now because we have no idea what method you will use. If you “**WET SAND**” be sure to seal the cut ends of the brass tubes. Water could possibly wick up the blank between the resin and the embedment and ruin your pen. Seal with candle wax or thin CA Glue. (super glue).

Mount the pen blanks on your pen mandrel with the bushings for your kit, but “**Do Not**” *turn all the way to the bushings*. Leave a small amount above the bushings for finishing. If you turn all the way to the bushings, you could possibly expose the embedment during the finishing process. Until you are sure that turning down to the bushings will not expose the embedment, then err on the side of caution.

If the finished acrylic is larger than the Nib, Center Band, Finial, etc. just round off or taper the sharp edge to blend in with the metal parts.

Finish these blanks as you would any acrylic blank. If an air bubble is exposed while turning, use a drop of CA glue to fill it .

We recommend sanding with wet/dry sand paper with the following grits. 100, 220, 400, 600, 800, 1000, 1500, 2400. You can use automotive type sandpaper for this but we also sell a sanding kit designed specifically for plastic polishing on our web site. **www.penkits.biz**.

Then as a final step use a Liquid Plastic Polish like One-Step or Novus 3 and Novus 2.