

Arizona Silhouette Circuit Board Sheet Kit (0502X-PCBS-CH)



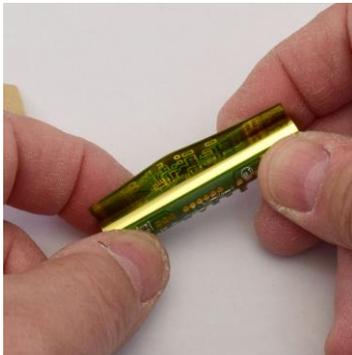
Mandrel A - Bushings 70A

Preparing the Circuit Board Blank

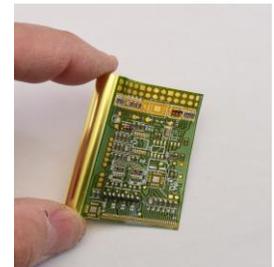
Remove circuit board sheet and 27/64" pen tube from packaging. **Do not** rough up the pen tube! Start in one corner of the circuit board sheet and gently peel off the backing material.



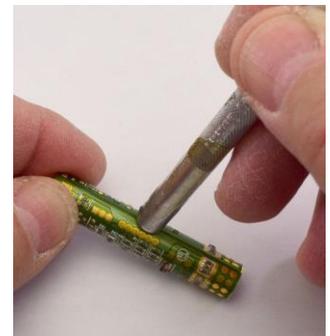
Peel off some of the backing material so you can adhere the sheet to the tube in a straight line.



Now wrap the flexible circuit board all the way around the pen tube pressing tightly as you go to ensure that no air is trapped under the sheet.

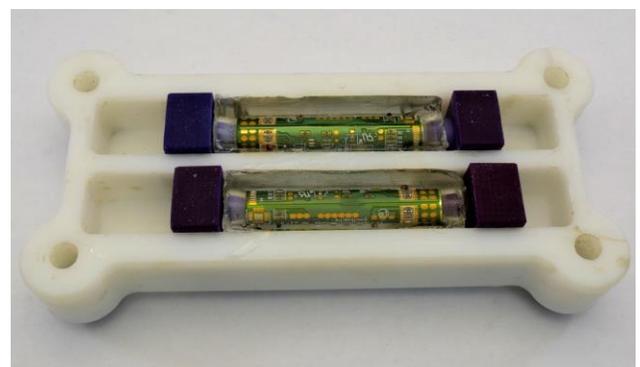
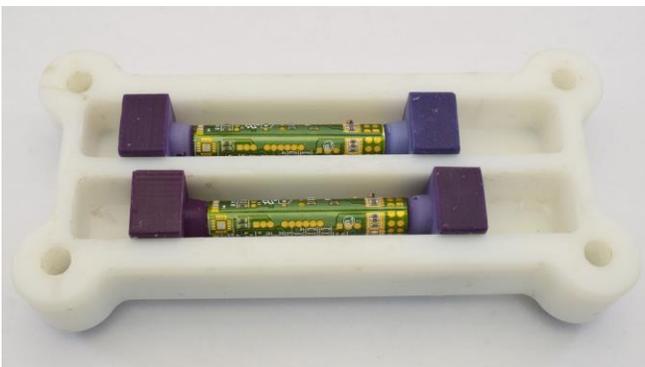


Use the smooth end of a craft knife to ensure that the seam is tightly sealed.



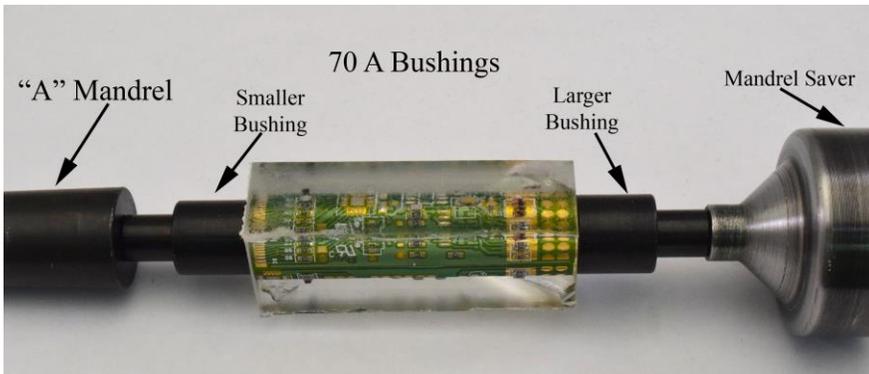
Casting The Blank:

Use your favorite mold to cast your blank with the casting material of your choice.

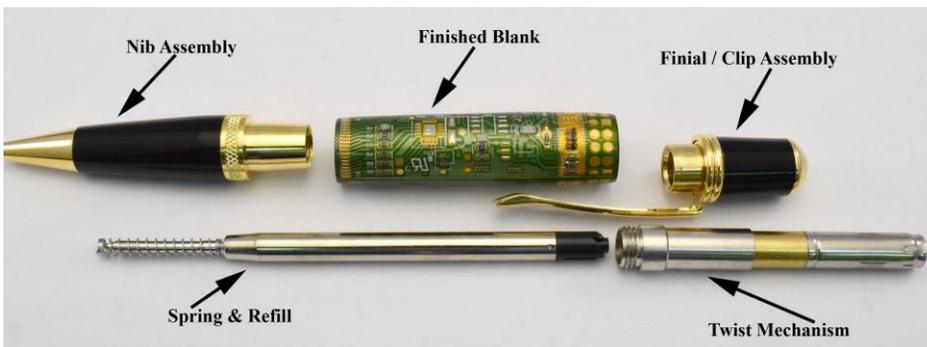


Turning the Blank:

- Remove the blanks from the mold, trim the ends of the blank using a barrel trimmer or a squaring jig and place the blank on a mandrel using the 70A Sierra Vista bushings. The bushings are two different sizes, the smaller one is for the nib end and the larger is for the clip end.
- You want to use the larger Sierra Vista bushings to ensure that you do not break through the casting down to the circuit board.
- Carefully turn the blank to your desired contour and then wet sand with the acrylic sanding pads to 12,000 and then buff.



Assembling The Pen:



1. Press the finial / clip assembly into the top portion of your finished blank. The top was the end with the larger bushing.
2. Insert the refill into the nib assembly making sure that the

spring is in place.

3. Screw the twist mechanism over the refill and into the nib assembly.
4. Slide the blank/finial/clip assembly over the twist mechanism.

Finished Pen



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"The Pen Teacher"