

Instructions for the Segmented Heart Inlay Kit



Notice that the 2 pens shown above are not identical. This kit comes with all of the pieces needed to make both pens. There's a total of 10 pieces per pen. See Fig.1. We'll start by putting together pieces 1 through 7. Secure this assembly with one of the elastic bands that comes with the inlay kit. What you'll end up with is the assembly pictured in Fig.1. Make sure every thing is reasonably well aligned (it won't be perfect) and then flood the seams with thin CA glue. Next we'll glue on pieces 8 and 9 by positioning them on the bottom end of the assembly and holding them in place with the thumb and forefinger of your left hand while you apply thin CA glue to the seams. Do the same for the remaining top piece #10. Flood all the seams on the barrel with thin CA and let dry.



Now we'll glue the brass tube into the blank. You'll have to sand the inside of the blank to allow the brass tube to fit. Wrap a small dowel with 100G sandpaper and sand the inside of the barrel until the tube fits



smoothly. A quicker way to do this is to double-face tape some sandpaper to a dowel and chuck it into a drill press. Once the brass tube fits smoothly scuff it up with sandpaper and then glue it in the barrel using 2 part epoxy. Make sure the tube is centered so there's the same amount of space at both ends. Once the glue has cured, sand the ends flush with the brass tube using a belt or disc sander. Don't use a barrel trimmer. Now you can mount the blank on the lathe for final turning and finishing. Apply whatever finish you're comfortable with as they all work well with these inlay kits. E-mail me at kallenshaan@cox.net with any thoughts or ideas regarding this or any of our other kits.


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Laser Cut Inlay Pen Kits
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