

## Assembly Instructions for the Masonic Pen Inlay Kit



This inlay kit is made using natural curly maple and gray dyed basswood (7 total pieces).

We're going to start by sliding the brass tube that comes with your pen kit into the curly maple barrel. Don't secure at this time. Fit the 2 compass points into position and secure with one of the elastic bands that is supplied with the kit. Next we'll insert the V-shaped ruler section and the curly maple center piece. Use another elastic band to secure this. We'll now add the remaining 2 ruler pieces and the top circular piece. Now remove the brass tube and make sure all the pieces are fully seated to eliminate any gaps. Now carefully flood all seams with thin CA glue.

Don't worry about the elastic bands getting glued to the assembly as we'll turn them away later on the lathe or you can cut them away with an exacto knife if you prefer. Now we'll glue the brass tube into the blank. Check the fit of the tube as you might have to lightly sand the inside of the blank for a good fit. If you do, wrap a small wooden dowel with 100g sandpaper and sand the inside of the barrel until the tube fits smoothly. Use 2-part epoxy to glue in the brass tube. 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 the inlay kits.

E-mail me at [kallenshaan@cox.net](mailto:kallenshaan@cox.net) with any thoughts or ideas regarding this or any other inlay kits.