

Instructions for the Medieval Inlay Kit

(designed for the PSI Knights Armor Pen Kit)



There's a total of 13 pieces in this kit. We'll start by sliding Piece #1 onto the brass tube that comes with your PSI Knights Armor pen kit. The next piece (#2) will align and lock accurately in one position only so try them all for the best fit. To ensure the flat pieces butt together cleanly with no gaps, sand the surfaces by sliding the pieces along a piece of 220G sandpaper that is sitting on a flat clean surface. Once all the sleeved pieces are sanded and in position over the brass tube, position the pieces that make up the 3 shields (#6's, #7's) and secure with one of the supplied elastic bands.

Carefully slide the brass tube out from the inlay kit pieces trying to keep everything aligned by pressing both ends with the thumb and forefinger of your left hand. Flood all of the seams with thin CA glue being careful not to glue your fingers to the blank.

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 dowel with 220G sandpaper and sand the inside of the barrel until the tube fits smoothly. Use 2-part epoxy liberally to glue in the brass tube. Take a look at the pen image at the top of this page to note the alignment of 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.

You can now mount the blank on the lathe, turn and finish. Although we prefer a CA finish (<http://www.mysimplecafinish.com>) any finish will work well with these kits.

