

# Assembly Instructions for the Pool Cue Pattern Inlay Kit (Design D)

## (PSI 8mm Tube Pen Kit) Item #WXCUD8

We're going to start by making sure all pieces are included and none are broken. If there are any missing or broken pieces, call or e-mail Ken at (702) 523-9236 or [kallenshaan@cox.net](mailto:kallenshaan@cox.net) to get replacements. Even if you didn't purchase your inlay kit directly from Kallenshaan Woods, use this contact info as our vendors don't carry replacement parts. Also, if a piece doesn't seem to fit well, use this contact info for a replacement or solution. Don't glue in a piece if it doesn't look right.

There is a total of 10 pieces in this kit. Insert the brass tube from your PSI 8mm Pen Kit into the large Padauk section (Piece #1). Don't glue at this time. This will help align the pieces as they are positioned in the blank. Slide the black ring piece (#2) into position. Rotate this piece to try all positions for the best fit. Do the same for the Curly Maple (#5) section on the other end. Use a couple of the supplied elastic bands to hold them in place and position the 3 black framed abalone filled triangle shapes (#6) in place. Test these pieces in all 3 positions for best fit. Secure with another elastic band. Slide the last piece #4 in place. Once all pieces are in place carefully remove the brass tube and while tightly pressing the blank together with the thumb and forefinger of your left hand, brush thin CA glue on all of the seams using a disposable artists paint brush. Don't worry about the elastic bands as they can be removed later while turning

If you're using this inlay kit with a 2 barrel pen kit you'll have to decide where to cut the blank

for the best look. I've included two 1/8"

Cocobolo trim rings (#7) to assist you in getting a finished look. These will work best if you use



them on both sides of the pen kits center band on a two barrel kit. They will also clean up the look if you have to cut into the design for a single barrel pen kit. The use of a short blank from a matching or complimentary color would also work well for the lower barrel of a longer 2 barrel pen kit. Lots of options here.

Now we'll glue the brass tubes into the blanks. Check the fit of the tubes as you might have to sand the inside of the blanks for a good fit. If you do, wrap a small dowel with 100G sandpaper and sand the inside of the barrels until the tubes fits smoothly. Use 2-part epoxy to glue in the brass tubes. 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 for this. Now you can mount the blanks on the lathe for final turning and finishing. Apply whatever finish you're comfortable with as they all work well with these inlay kits.

