

## Creating A Polychromatic Segmented Pen

This tutorial will show you how to create a pen that looks like this:



- 1) Start out with four different colored pen blanks.
- 2) Cut each pen blank into quarters lengthwise.



- 3) Sand one side of each of the pieces flat.
- 4) Glue two pieces together on the sanded side and clamp until glue sets up.



- 5) Repeat Step 4 with the two remaining pieces.

6) Once the glue on the two sections has set up, sand one of the wide sides on each of the sections so it is completely flat.

7) Glue the two sections together on the sanded sides and clamp until glue sets up.



8) Sand all four sides of the new blank flat. This will help with the next step.

9) Cut the new blank into sections widthwise. I use a band saw but it may be safer to use a hand miter saw or something along those lines.



10) Sand each section on the freshly cut sides. I do this by hand with sand paper on a piece of glass to ensure the surface stays flat.



11) Take the first section and apply glue. Take the second section and rotate it 45 degrees and glue them together. The centerlines of the second section should line up with the first section's corners. Continue this until you have a long enough piece for your barrel.



13) Repeat Step 11 for the next barrel.

14) Once the glue on both new sections have set up you are ready to drill. Make sure to drill it as close to the center as possible. Then proceed to make pen as normal.

This is a fun way to make and interesting pen. Even if you mess up a little the finished product still looks interesting. In the following picture you can see that the lines are on a slant. This happened when I did not drill perfectly straight (which I did on purpose for this tutorial <grin>). The pen still looks nice plus it has a little character.



Another thing you can do with the process is to make a checker design. Just use two colors and instead of rotating the small sections 45 degrees, rotate them 90 degrees.

Hope You Enjoy

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