

SIMPLE BOWL INLAY

MATERIALS

- DIGITAL CALIPERS
- PARTING TOOL - THIN- .14' +-
- SPECIAL SETTING TOOL
- HAMMER
- GLUE, BRUSH -WET RAG
- VARIETY OF WOODS FOR INLAY - ¼" X THICKNESS VARYING BY PARTING TOOL WIDTH
- A Finished bowl - ¾' wide top rim and ½" thick walls
 - Completely finish the bowl with a finish of your choice keeping in mind that you will have to refinish the inlay portion of the bowl
 - Let the finish cure before starting inlay. (the finish prevents the glue from staining the raw wood)
 - NB - leave the bowl in the chuck.
 - I prefer an ogee shape for undercutting the rim to have extra wide rim for inlay.

PROCEDURE

With the finished bowl securely in the chuck measure the outside diameter of the circle of the inlay channel. Using the formula $3.14 \times$ the diameter calculate the linear dimension of the inlay.

- Eg a 10" diameter is 10×3.14 or 31.4 linear inches. You can approximate the number of inlay pcs from this measurement.
- Mark out the position of the inlay channel (s) (pencil)
- Using a sharp parting tool carefully make the inlay channel(s) keeping the parting tool at 90 degrees to the surface and at least 3/16" deep. Keep the edges crisp. Measure the width of the channel accurately. Eg - .15"
- Leave this and prepare your inlay wood

This wood can be in long strips(12"+-) - 5/16 wide and depending on your parting tool ??? thickness. I machine mine slightly thicker than the parting tool. Parting tool .14, inlay strips .154. NB - You must do all your different woods at the same time to ensure a constant thickness. Once you get your strips prepared you fit them to the inlay groove. You will find that they are too thick(hopefully).

- Now VERY CAREFULLY with your parting tool adjust the inlay groove width to fit the inlays so the inlays are lightly friction fit.
- Cut your inlay pieces to desired length(I use .7" for bowls 7 1/2" to 9 1/2"diameter)
- I use pieces ¼" x ?? thickness x 7/16" long end grain to separate each .7" inlay.
- Set each one with a setting tool and a hammer to make sure the glue joints are tight. Also set the inlays into the groove with a hammer and floating in glue.
- When you finish the inlay circle you will have to adjust the size of the last few inserts and taper the last one to make the joints tight
- This is not hard to do. Keep the surface free of glue with a wet cloth.
- Let the glue dry over night, saw off the protruding end grain pcs, and turn the inlay rings flush carefully, sand and finish.