7" x 10-1/2" Tall

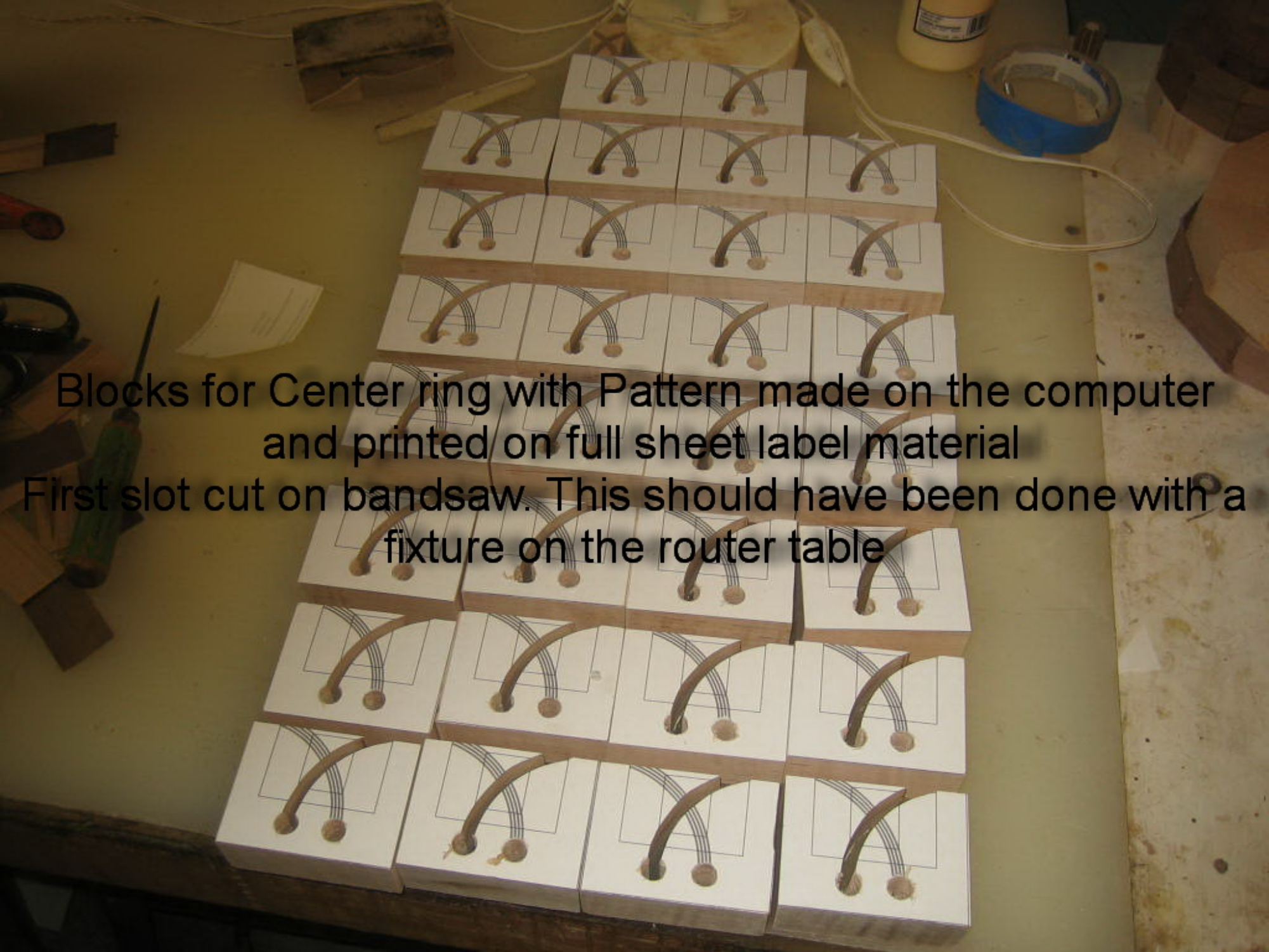
This is the Piece I wanted to recreate

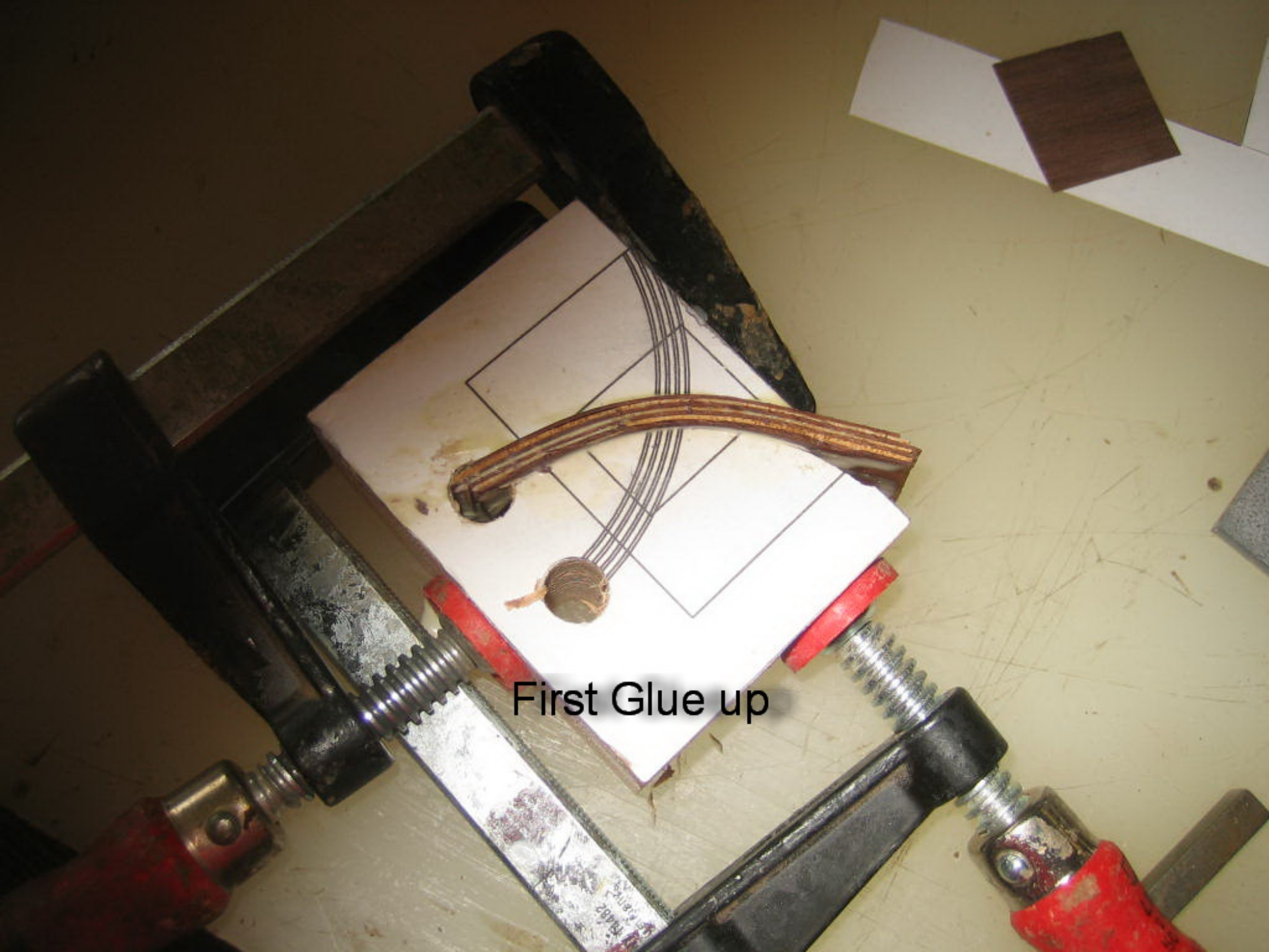
Rough"Getting started" Sketch

Making the Arc Segments for upper ring


The Radius on the Male blocks was sanded on the disk sander with a jig. The difference in Radi is trhe Thickness of the laminates to be glued in
.9 piece @ .020 thick

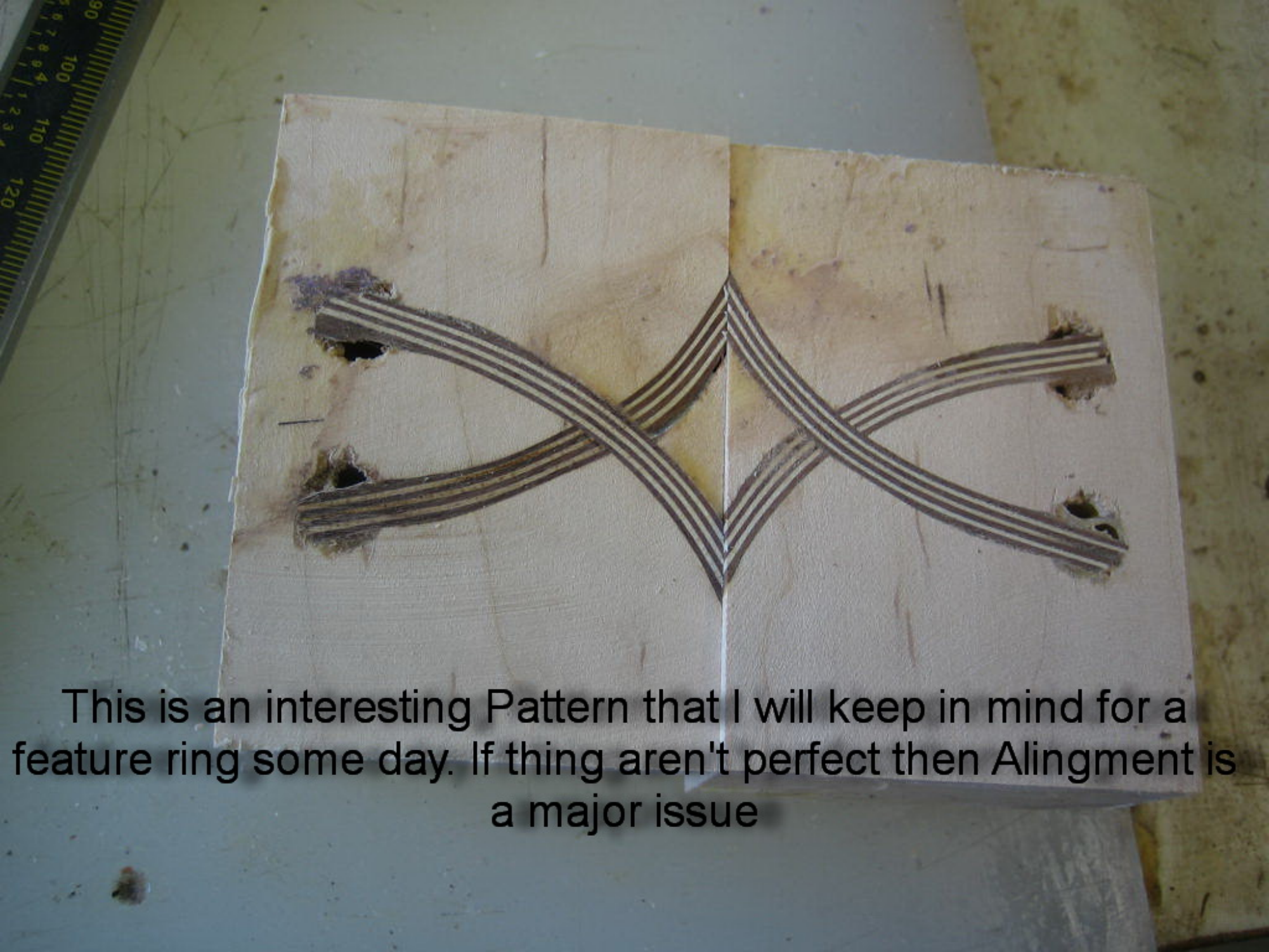

9 Piece of veneer glued in.


Blocks for Center ring with Pattern made on the computer
and printed on full sheet label material
First slot cut on bandsaw. This should have been done with a
fixture on the router table


First Glue up


Second slot has been cut and Veneer glued in.
Note the very small square in the center of the block is
the final size of the piece. This will be a 32 Segment
ring

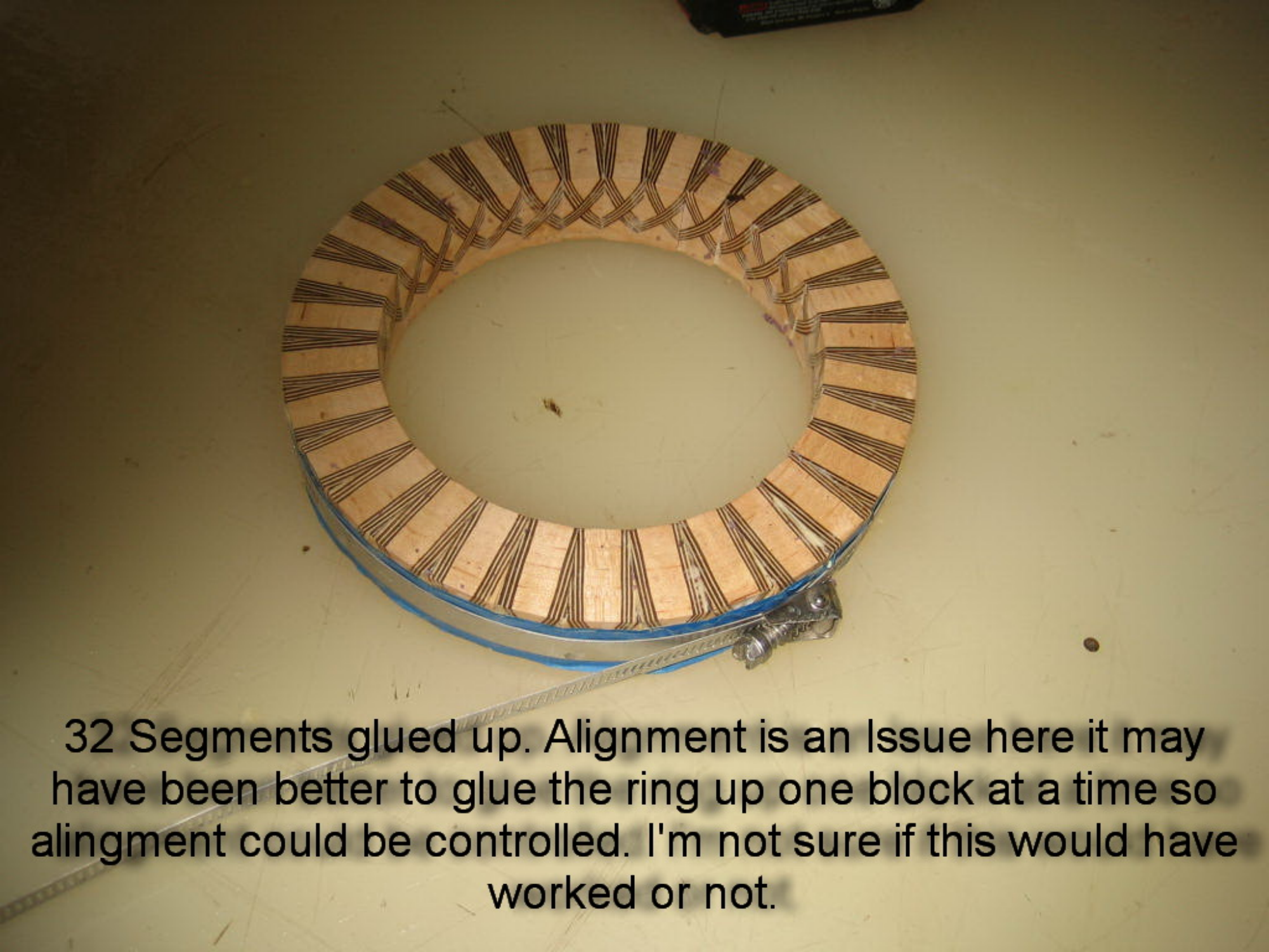
Triming the top of the segment



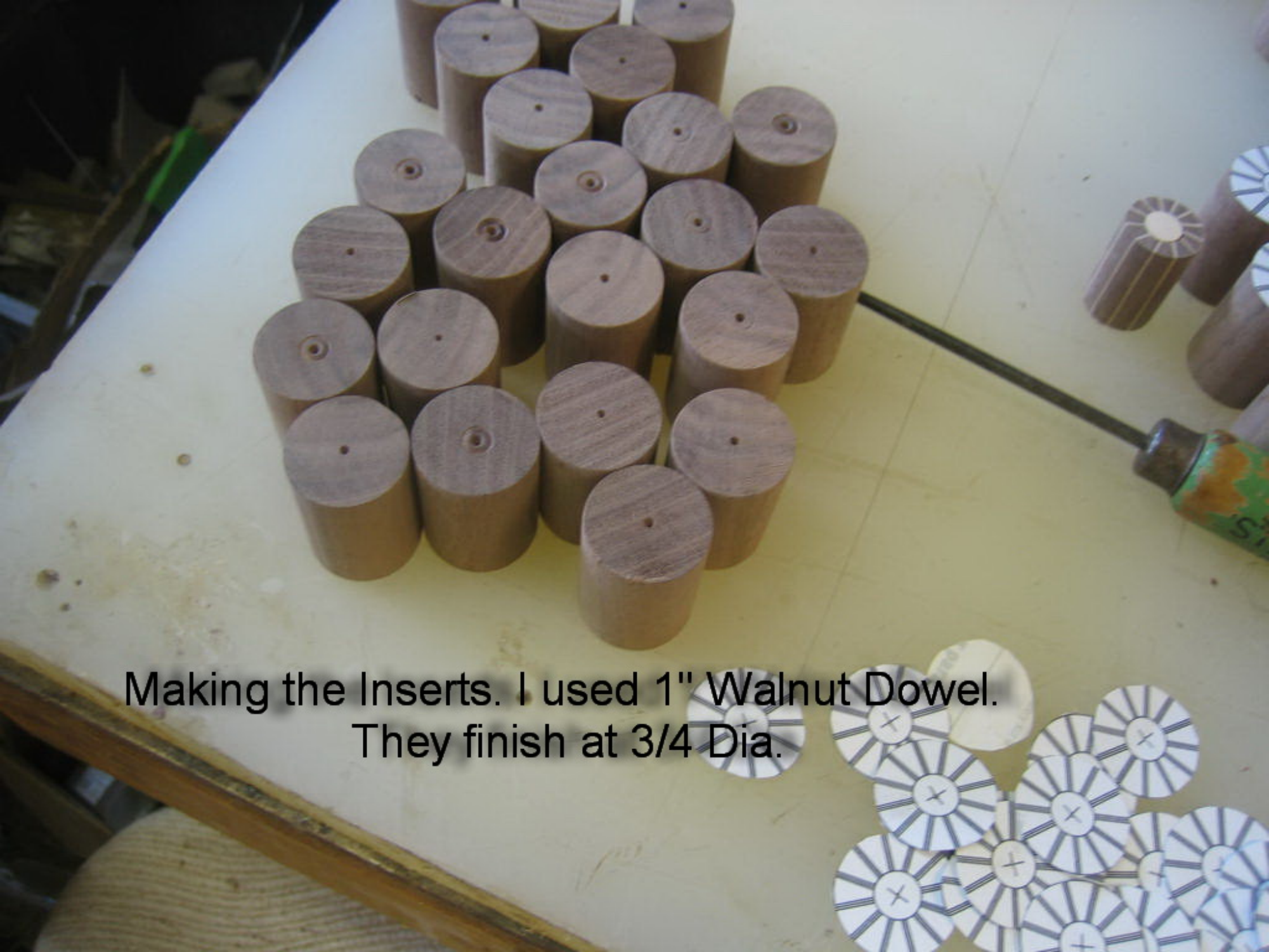
This is an interesting Pattern that I will keep in mind for a feature ring some day. If thing aren't perfect then Alingment is a major issue


Adding piece to top of arcs

Trim bottom of segment leaving a bit for final sandiong of the Ring



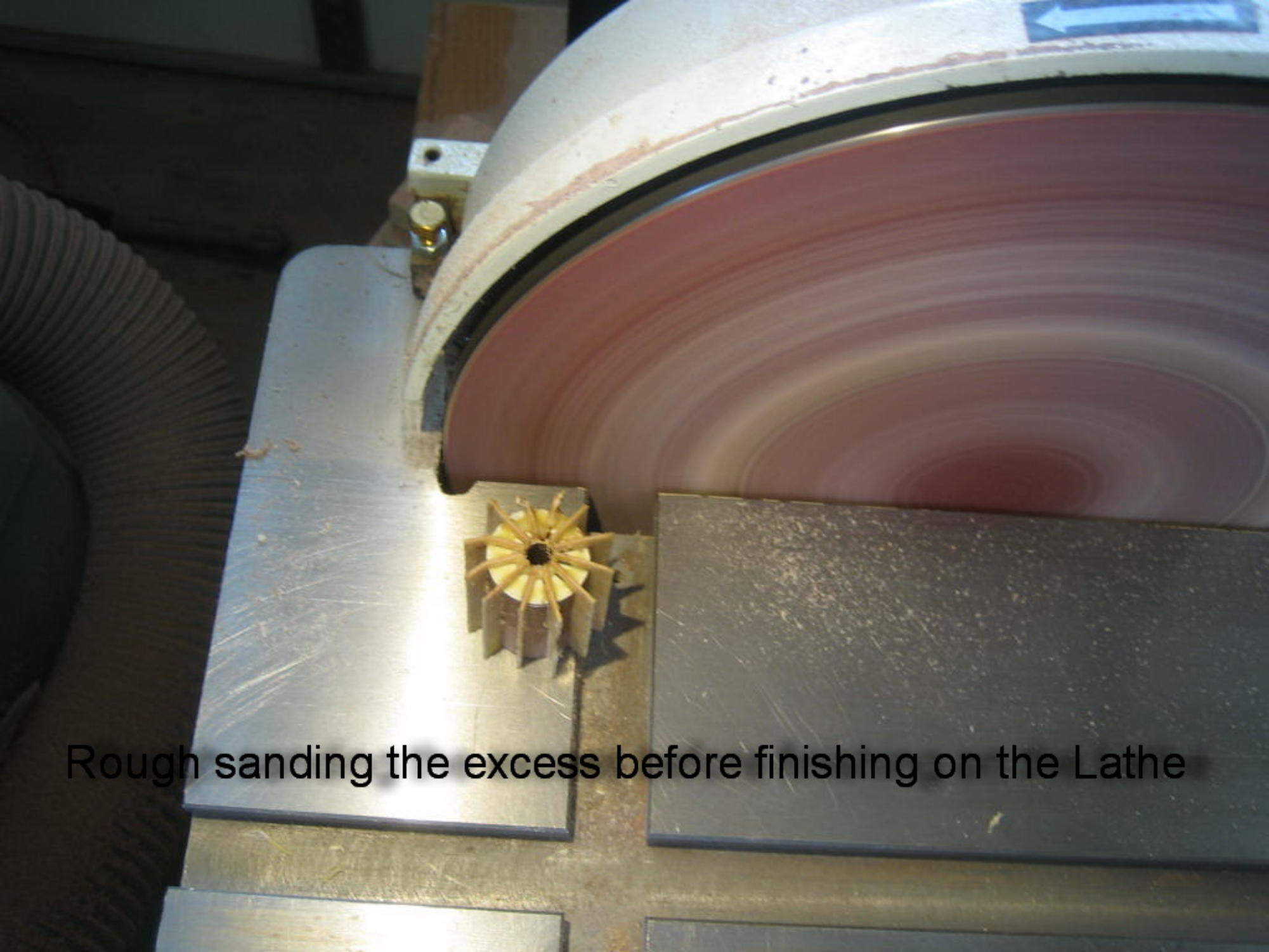
32 Segments glued up. Alignment is an Issue here it may have been better to glue the ring up one block at a time so alingment could be controlled. I'm not sure if this would have worked or not.


Making the Inserts. I used 1" Walnut Dowel.
They finish at 3/4 Dia.

Centering and sticking on the Pattern

Cutting the slots for the .045 thick Maple pieces

.045 Maple pieces glued in place.
Note: I glued in all pieces except the last one. let it dry then recut the last slot and glued in the last maple piece



Rough sanding the excess before finishing on the Lathe


Chucked up on Lathe using a Bolt and nut.
The Chamfer is not needed for the Plug Cutter

These are the Plug cutters I use. They are very percise and do a nice job.
They are made by Steelex

Sizing the insert to 3/4" with the Plug Cutter

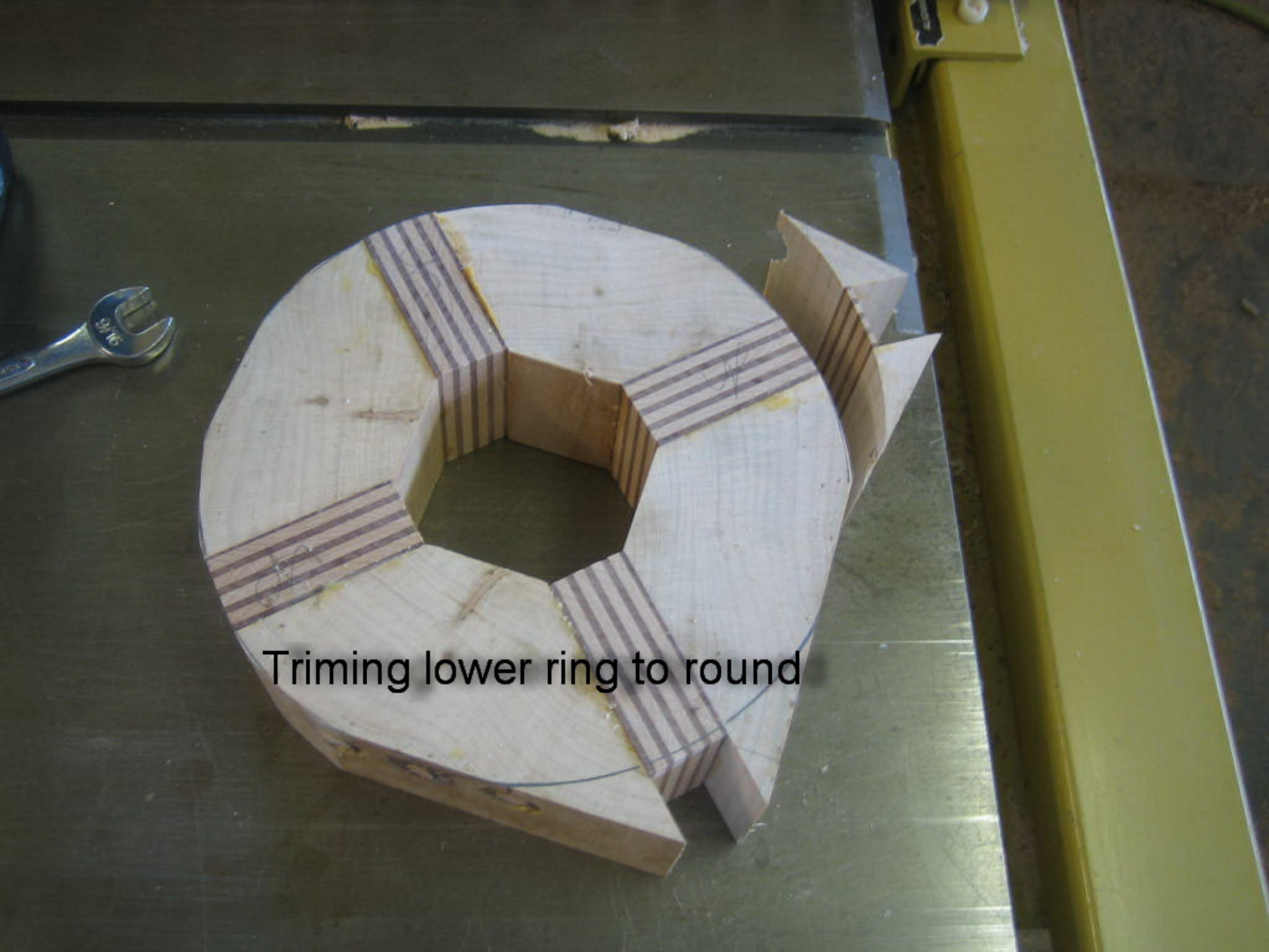
Boring out the 3/8" center for Malpe plug

Cutting the Maple plugs for the inserts.
Using the plug cutter allows the plugs to have face grain rather than using a maple dowel that would be end grain and not finish well

Cutting the plugs free on the table saw

Drilling holes for inserts in lower segment

Gluing up Lower ring segments

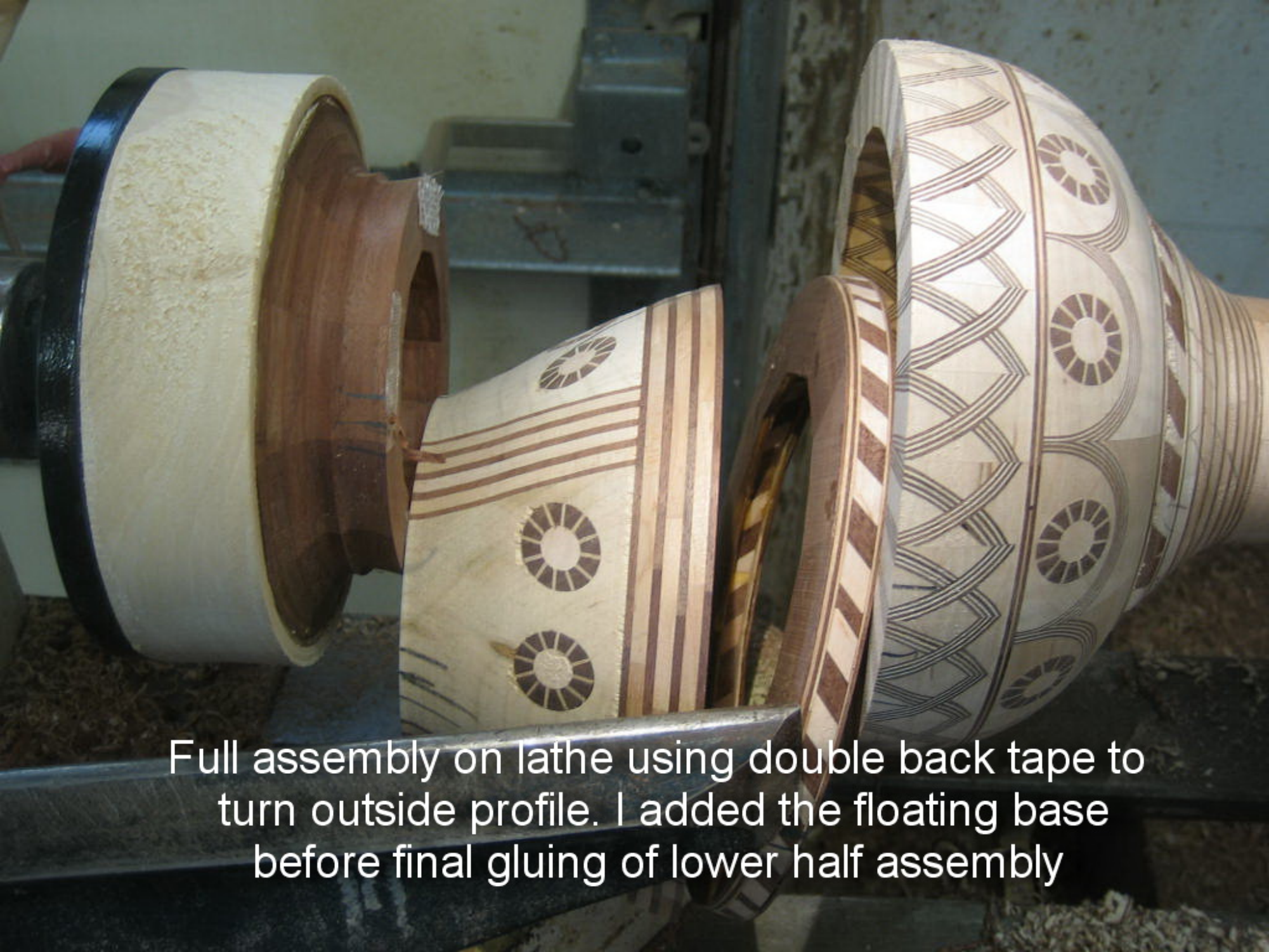

Triming lower ring to round


Upper Ring Segments ready to Glue up


Inside upper ring after Flatening Top and Bottom

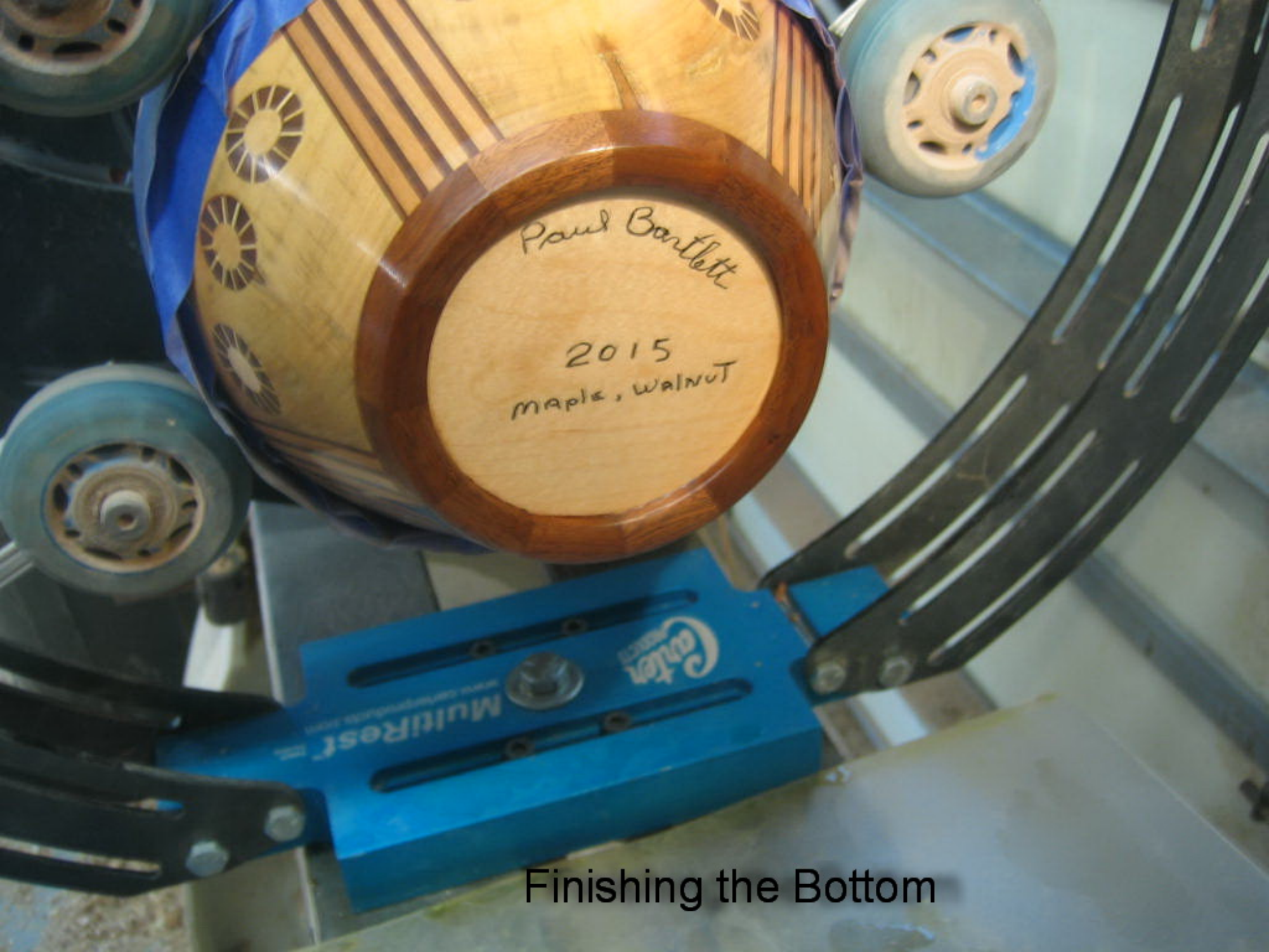

These Ring will be split on the Table saw or band saw for the smaller ones and sanded to different thickness for the many divider rings

Upper assembly rough turning the neck area



Full assembly on lathe using double back tape to turn outside profile. I added the floating base before final gluing of lower half assembly

One of the handle rings on jamb chuck.
The rings are made from a segmented ring split and glued back together rotating 1/2 segment for strength you can see it above.



Finishing the Bottom