

Bangles, Bracelets and Rings

Rules

1. Be Safe
2. Wear your Face Shield
3. Have Fun !!!!!

Tools

Smaller turning tools are best projects

Steel for wood and resin

Carbide for Corian and non-ferrous metals

Drill bits

6mm Brad point bit

1-1/8" or larger hole saw (Rings)

2-1/2" Forstner bit (Bangles)

Chucks

25 mm jaws for rings

50mm & 100 mm jaws for bangles

Pen mandrel with pen bushings

Miscellaneous

Ring sizing bar (Steel)

Dial Calipers

FACE SHIELD !!!!!!!

Supplies

Corian

Plexiglas

Resin

Wood

Non-Ferrous Metals (Aluminum, Brass, Copper ect.)

Medium to Thick CA Adhesive

Tite Bond Wood Glue

NOTE: Epoxy is not good to adhere metals to wood rings or bracelets. The heat from drilling and turning causes the epoxy to release. CA Adhesive has produced satisfactory results.

From Big Bob,

The methods used in this demo are my own.

Please only work within your skill and comfort level.

Although these are small projects, they can inflict injury.

If you have any questions please ask and I will be more than glad to answer anything you want to know.

Bracelets and Bangles

Cut your stock to 3-1/2" x 3-1/2" square

Find the center and drill a 2 1/2" hole through the material.

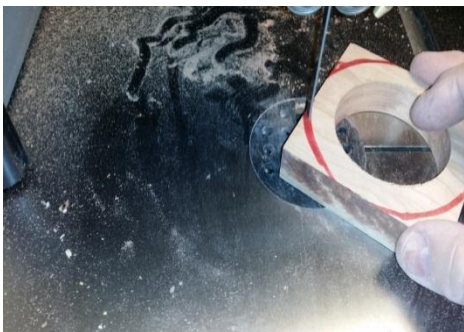
(always clamp the material down to drill for safety)



Outline the desired outer diameter of your piece.



Take the piece to the saw and cut the rough outside.



Mount the 50mm jaws in the interior and turn the outside diameter to true with the inside.

When the OD is trued to the ID remove the 50mm setup and replace with 100mm jaws or a jamb chuck turned to fit the outside diameter. And turn ID to finish.

Once the inside is turned to desired finish size and finish remove it and reinstall on the 50mm jaw set and turn and sand to your liking.

BBN:

I prefer to do the inside to finish size and finish then turn the OD to my desired size and look.

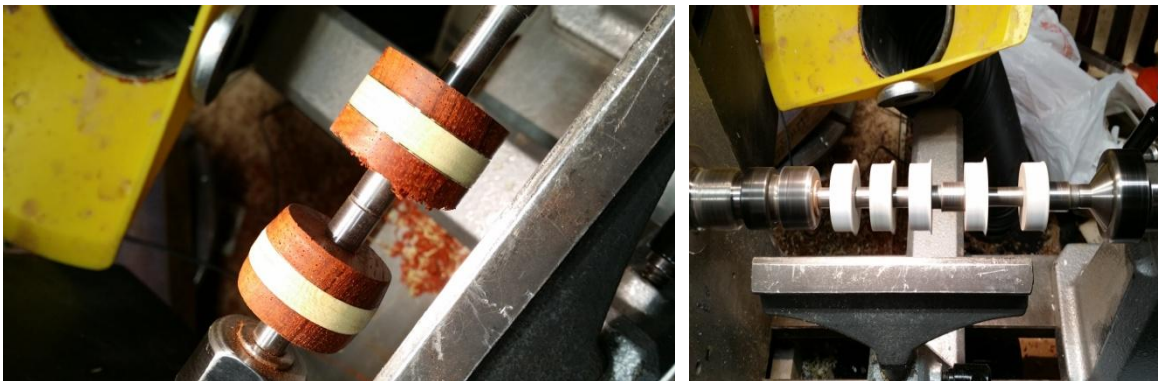
Rings

First select your desired material or species.

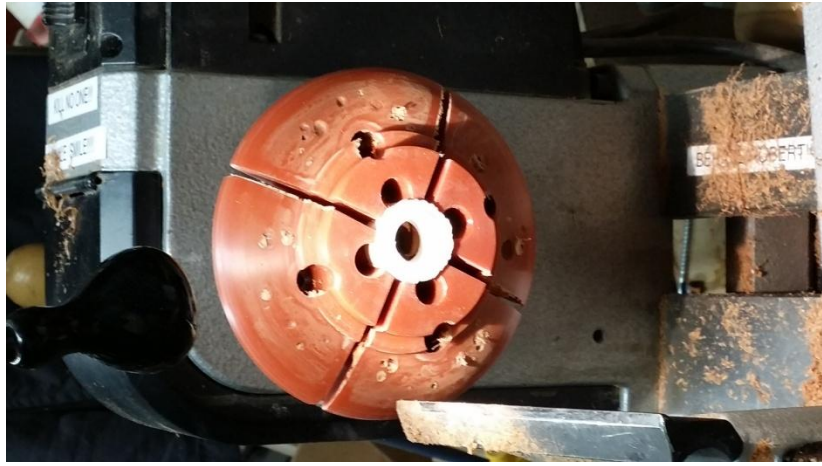
A 1 inch or larger hole saw can be used to cut a blank for turning

Or it can be turned from a small spindle turning.

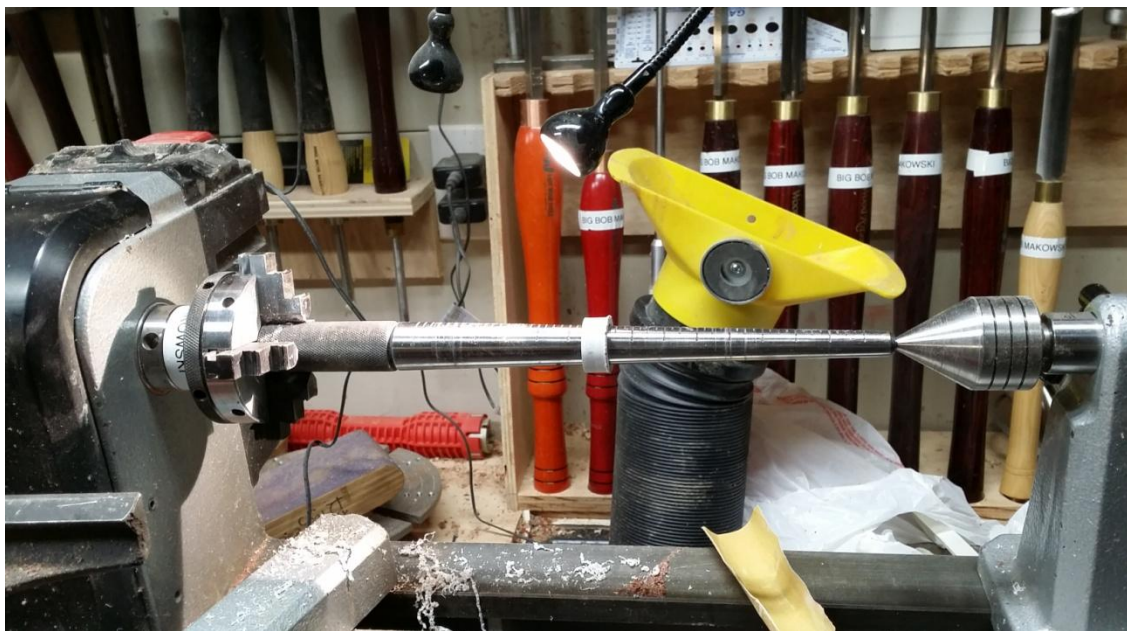
Drill a 1/4" or 6 mm hole in the center of the blank. This will make it easier to mount on the pen mandrel.



Once the outside diameter is trued, remove the ring blank from the pen mandrel and place the blank in a 4 jaw chuck to drill and cut to the size needed. Sand and finish the inside dimension to complete.



Remove ring from the 4 jaw chuck and slide it over the steel ring bar.



The outer profile can be turned to finish now that it is mounted.

Always remember to turn towards the larger end of the taper. (The ring can be turn around on bar if needed.)

