

USING THE FLUTE MASTER TO ENHANCE TURNINGS

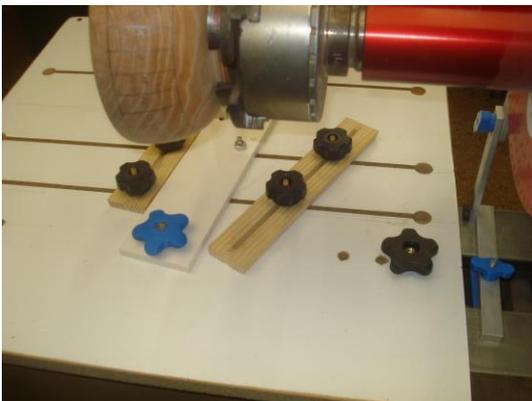


By Buddy Compton

I will be attempting to show the use of the Flute Master and how it allows me to develop different enhancements to my turnings. I have been able to use different woods to make bowls, vases, lamps, etc. that would otherwise be relegated to the burn pile or the BBQ pile.

Hopefully, I will be able to demonstrate how this is done and some of the ins and outs of using the Flute Master. I use a platform that fits on the lathe to help make the use of the router stand easier to handle and operate. There are various designs that you can use and make up as you go. There is another portion of this and it is the Spiral Master and I haven't worked+ with it yet, but I will be trying to figure it out after October.

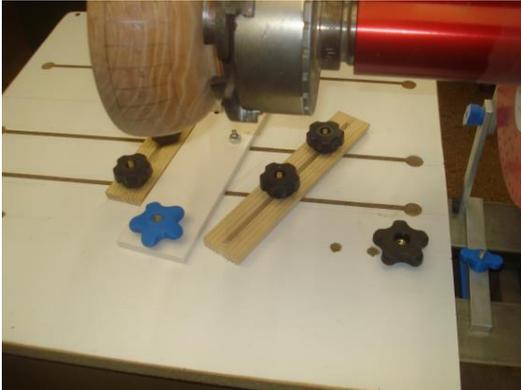
Platform: - Measures 23" X 24"



Platform Holders - Used to hold the platform to the lathe

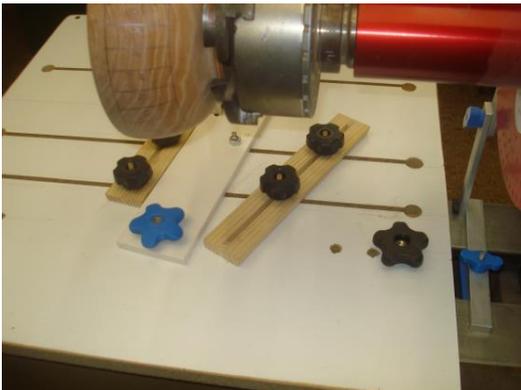
Slots

- Are cut for the stops



Stops

- Establish a starting and stopping point for flutes

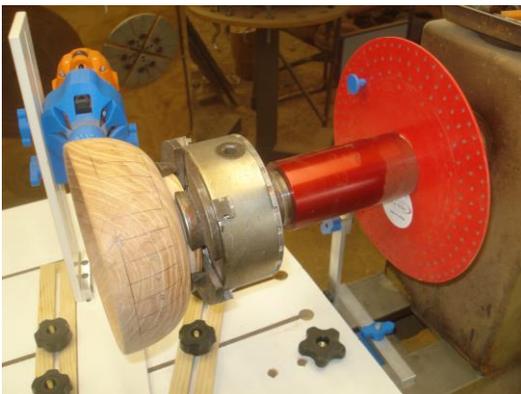


Pencil Holder

- Used to mark flutes on the piece if needed

Index Wheel

- Has four rows of holes to use for flutes



Head Stock Extension

- Optional – used to get further away from head stock

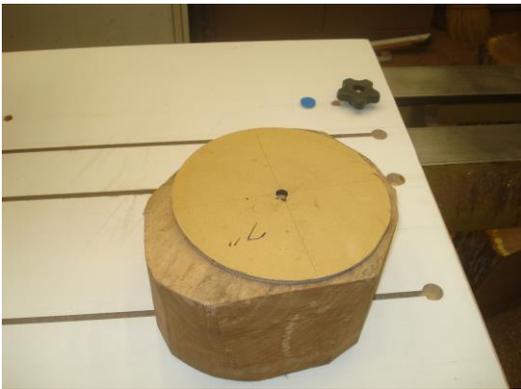
Router Holder

- Used to hold router at correct height



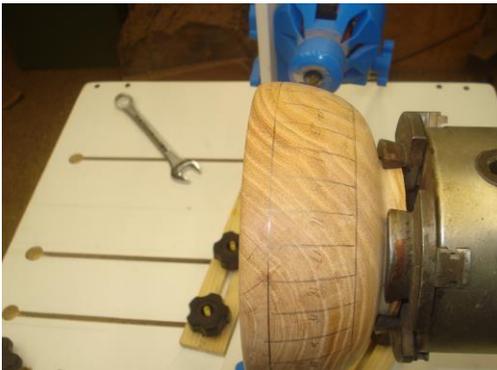
Preparation of the Blank

Pick the blank to be used and prepare to turn the piece. I always drill a hole on the top side of the blank. This is for no other reason than I feel better. Turn the back side of the piece and sand to finish. Turn and hollow out the inside of the bowl and sand to finish.



Flutes

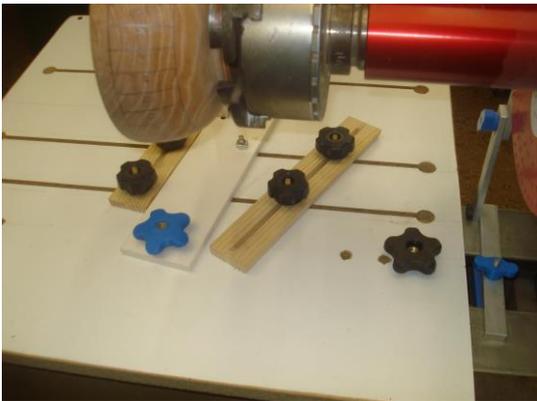
Decide on the number of flutes that you want. Measure the small portion of the piece for the circumference to help determine the number of flutes. Mark the piece for the length that want the flute to be. Keep the piece in the chuck and move to the Flute Master.



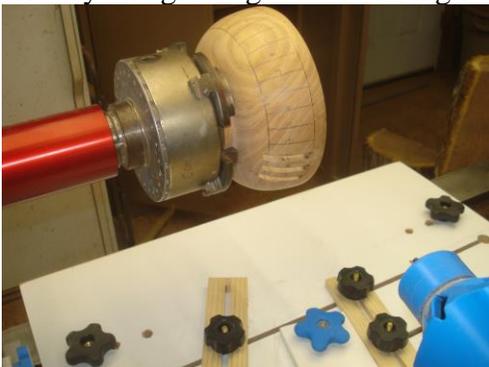
Set up the Flute Master – Index Wheel – Index Pin Holder -Stop Blocks – Flute Depth. I always check the number of flutes by using the table and then drawing the flutes on the piece. Just me!



Set the inside stop block by aligning the router and stand to the inside line. Then move the stand and router to the outside line and set stop block. This will assure that all your flutes will be the same length



Begin cutting flutes. Make sure that when moving the router that you stay on path. Start at the top and go to bottom. Move the stand to the inside stop block and then it will swing correctly and give a good cut. Doing is the only way to get this done on a consistent level.



TOOLS AND ACCESSORIES

1. Lathe – Powermatic, Robust
2. Bowl Blank - Cherry – side grain
3. Vicmarc chuck – Craft Supplies
4. Drive Center – Craft Supplies
5. Turning tools – gouges – oval skew – roughing gouge – bullnose scraper – parting tool.
6. 3/8” close quarter drill for sanding – Harbor Freight
7. Paper Towels Bounty – Sam’s

FINISHING MATERIALS

1. Sanding Sealer – Home Depot
2. Sandpaper – 80 grit through 320 grit – Velcro disk Klingspor – Craft Supplies
3. Thin and medium CA glue – EZ Bond Super Glue
4. Turquoise – Colbaugh – Kingman, Arizona
5. Mesquite dust - Shop
6. DEFT Satin Lacquer – Home Depot
7. Mini wax (Dark) - Internet

SUPPLIERS

Craft Supplies – www.woodturnerscatalog.com

Klingspor’s Woodworking Shop – www.woodworkingshop.com

EZ Bond Super Glue – 37 Marseille Lagune Niguel, California 92677
Telephone – Toll Free 1-866-499-5157

Colbaugh Processing Inc. – 928-565-4650 – Kingman, Arizona