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## Project: Lazy Susan Tower

**Overview:** This rotating lazy susan is perfect for the kitchen counter top. No more going through cabinets for the right utensil or spice. Keep everything handy on this lazy susan tower right in the center of your kitchen.

**Materials:** Red Oak wood, 8" Lazy Susan hardware, 30" of 1/2" dowel

**Minimum Cutting Area:** 13" x 60"

**Bit Size:** 1/4"

**Finishing:** A Watco medium color stain to give the red oak some color. Then several coats of Minwax Wipe On Polyurethane to seal the wood.



*\*\*Always read the entire project details before starting to cut the file yourself\*\**

*\*\*Account for the thickness of the physical material on hand and the material thickness in the file\*\**

*\*\*This file is zeroed to the tables surface, Zero your bit to the tables surface\*\**



Included with the cut file is a hold down toolpath that shows where it is safe to put screws. Run this file separately from the cut file so you can screw down the work piece, or if you have a different size board or different type of hold down disregard the file.



As the file starts cutting the profile of the parts make sure the cut is going all the way through the work piece and into the table surface. If you need to adjust any part of the file make sure you do not remove the hold down or you will lose position.



Tabs are used to hold all the pieces to the scrap wood attached to them. Use a utility knife to score these edges. Never try to push a piece out without cutting the tab, it will tear the grain on your project. Sand remaining tab flat.



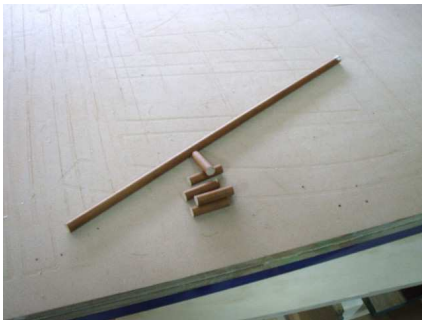
Sand all the parts evenly at this step. It is much easier to get to all of the parts at this state then before it is glued up. Putting a 1/4" roundover on all of the edges adds eye appeal to the project.



Glue the base to the center piece. A rubber mallet might be needed to push the center piece into the base piece.



At this point stain all of the pieces to the desired color. Also apply polyurethane to the project after the stain has had time to setup and dry.



The project calls for 14 dowels cut down to 2" long. Cherry is used for this project to accent the red oak for the main wood.



With a rubber mallet tap the dowels into the half moon pieces. Also confirm the dowel that is being used fits into the holes before doing this. Different manufactures of dowels can be off on the diameter slightly.



Complete the dowel installation process before installing into the shelves.



Note the size of the holes. The bottom shelf has smaller holes to help keep utensils standing straight up and down. However, make sure the upper shelves holes line up with the holes of the bottom shelf.



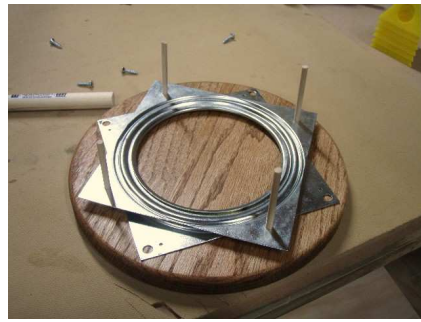
Insert glue into the pockets. Push the shelf into these pockets and allow to dry.



Different size lazy susan fixtures can be found at the local hardware store, Lowes, Home Depot or even ordered online.



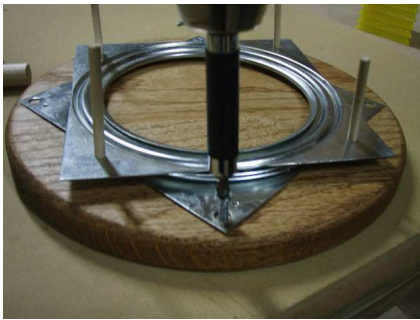
This file comes with 4 holes in the bottom piece that are spaces specifically for the lazy susan hardware used in this picture. The lazy susan purchased by you could have different hole layouts and the file could use some adjusting.



Use some scrap dowel pieces to line up the hardware with the bottom piece. The hardware will be attached to this piece first, the dowels will be removed and screws will go up through into the fixture.



Put some tape on a pilot bit to make sure that when predrilling one does not accidentally drill all of the way through the wood.



This bottom piece is ready to attach with four screws. Some small screws approximately 1/2" long will work fine.



Use the pre drilled holes in the bottom piece to predrill and screw into the rest of the project. Center this by eye. Make sure short screws are used so they don't stick through the other side of the project.



The lazy susan tower is complete and should spin around 360 degrees.

Try experimenting with a larger size lazy susan. Also if a different cut out than the apple is desired change that to a design of your choice.

