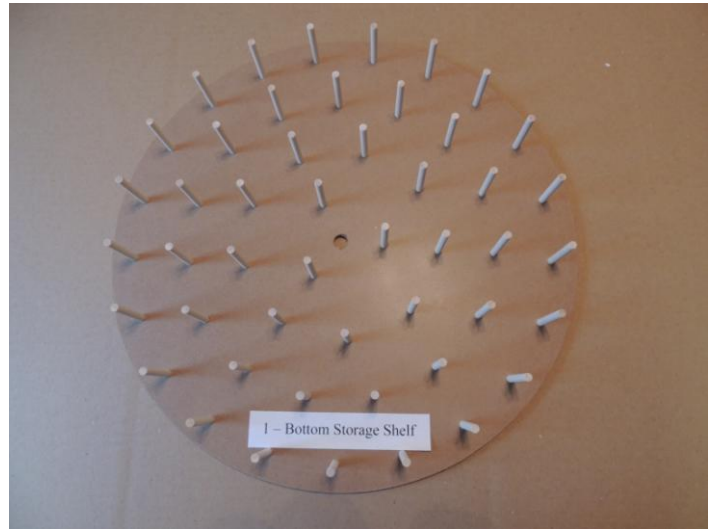


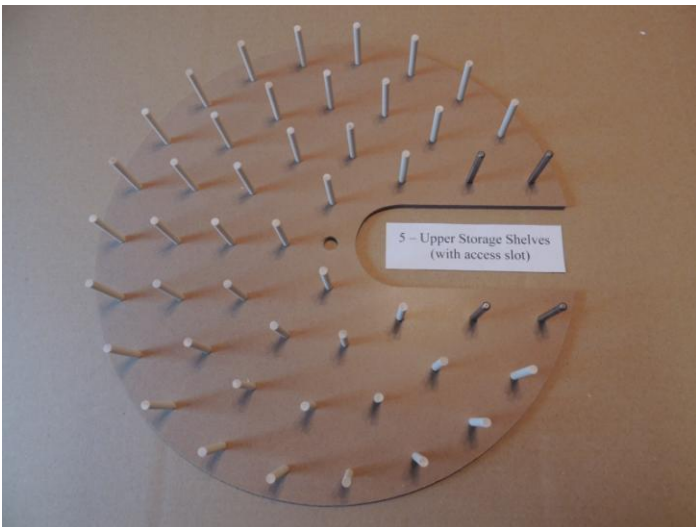
# List of Parts:



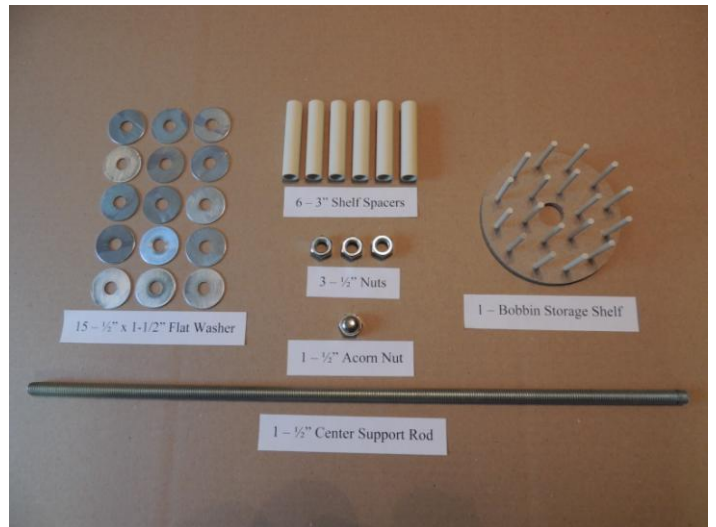
**BASE**



**BOTTOM STORAGE SHELF**



**UPPER SHELF w/ ACCESS SLOT**



**HARDWARE**



**Optional Mobile Base w/ 2\" Wheels**

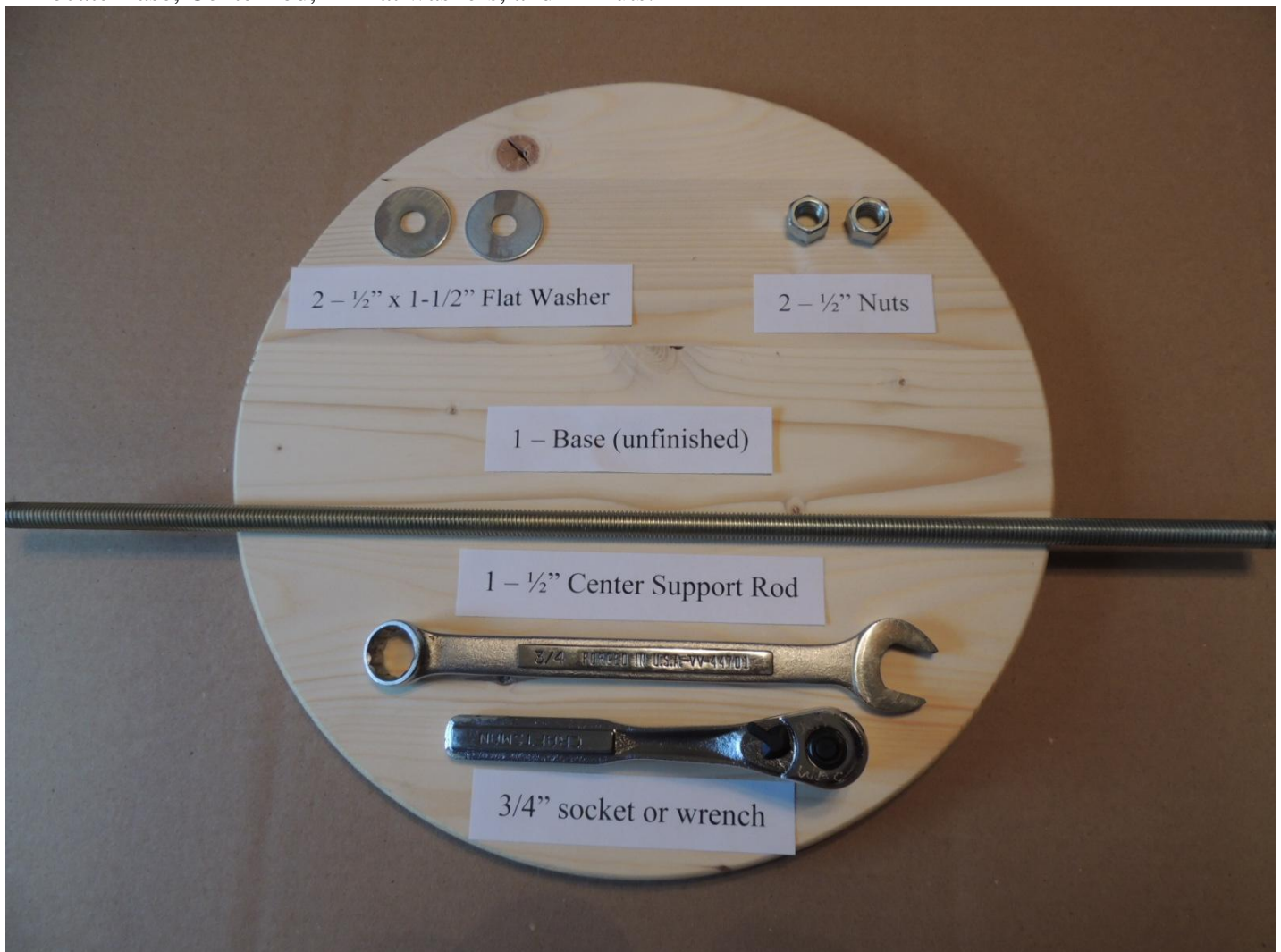
## List of Materials:

- 15 – 1/2" x 1-1/2" Flat Washer
- 6 – 3" Spacers
- 3 – 1/2" Nuts
- 1 – 1/2" Acorn Nut
- 1 – Bobbin Storage Shelf
- 1 – 1/2" Center Support Rod
- 4 – 2" Wheels (Optional if purchased)

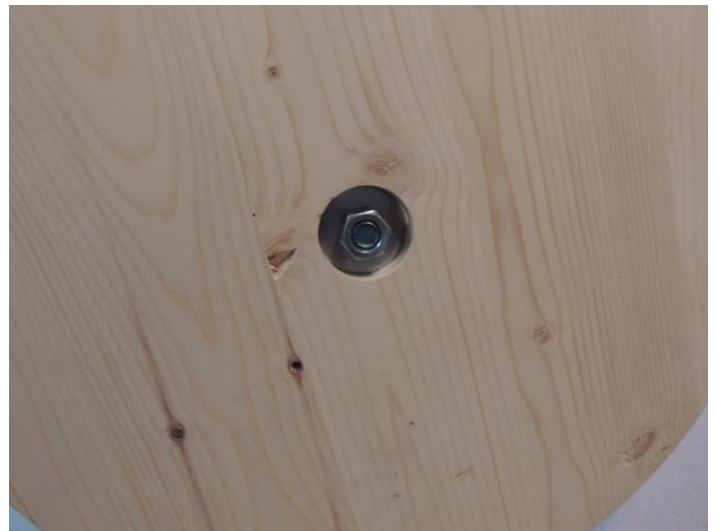
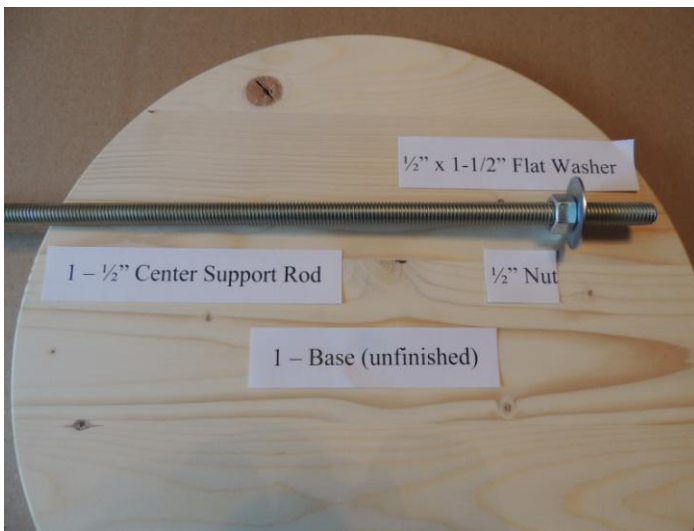
## ASSEMBLY:

Tools Needed: 3/4" Wrench & Socket

- Locate Base, Center rod, 2 - flat washers, and 2 - nuts.

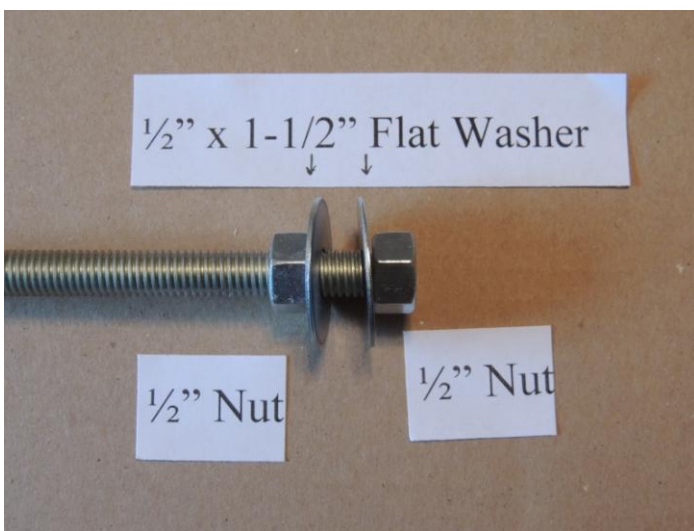


Thread one of the 1/2" nuts approximately 1-1/2" up on either end of the threaded Center Support Rod, followed by one flat washer as pictured below.



Insert the rod assembly with the nut and flat washer into the center hole from the topside of the base. (The top of the base does not have the countersunk drilled hole). Standing the base up on the edge slide the other flat washer over the center support that is protruding from the bottom, and thread the other 1/2" nut on the shaft.

This photo shows the order of hardware without the base. The left side of the photo would be the top of the base, with the one of the 1/2" nuts, and one of the washers. The right side of the photo would be the underside of the base, with the washer that would fit snugly in the countersunk hole, followed by the 1/2" nut, that when tightened is flush with the end of the rod, and the bottom of the base.



Using a 3/4" wrench and socket, tighten the nut to secure the center rod to the base.

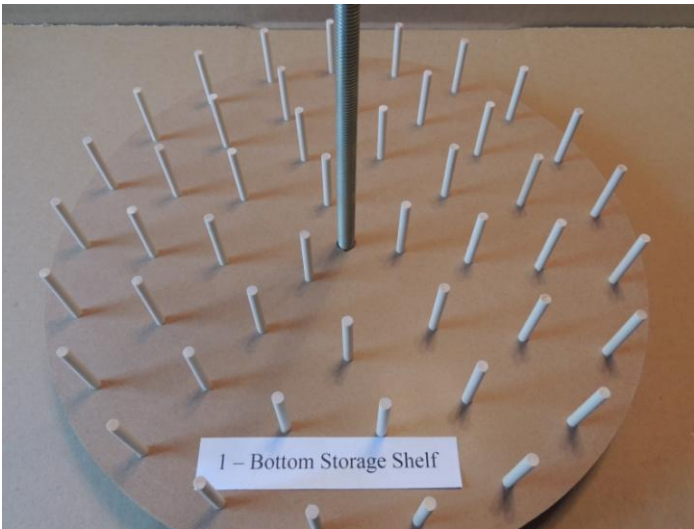


## Assembly of the Carousel Shelves

Drop one washer (1/2" x 1-1/2") over the center support so it slides down and rests on the top of the nut from the base.



Now locate the bottom shelf (It's the solid shelf without the access slot), and align the center hole and drop over the center support rod. Let it drop down until it comes to rest on the large washer.

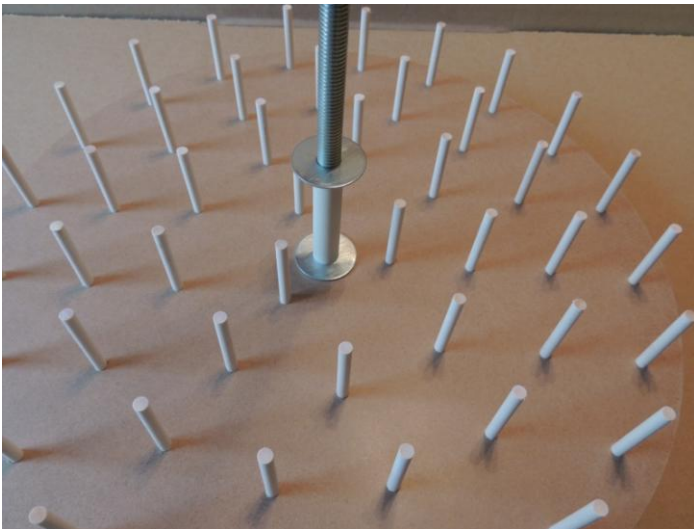


Now you are going to add the washers and spacer that go in between each shelf. Be sure to add them in this order.

Flat washer (1/2" x 1-1/2")

3" Spacer

Flat washer (1/2" x 1-1/2")



Locate one of the remaining shelves and align the center hole with the center rod and let it slide down until it comes to rest on top of the flat washer that you just placed for spacing.

Repeat the washer and spacer procedure until all 5 slotted shelves are added. Remember to add the washer and spacer in the correct order between each shelf.

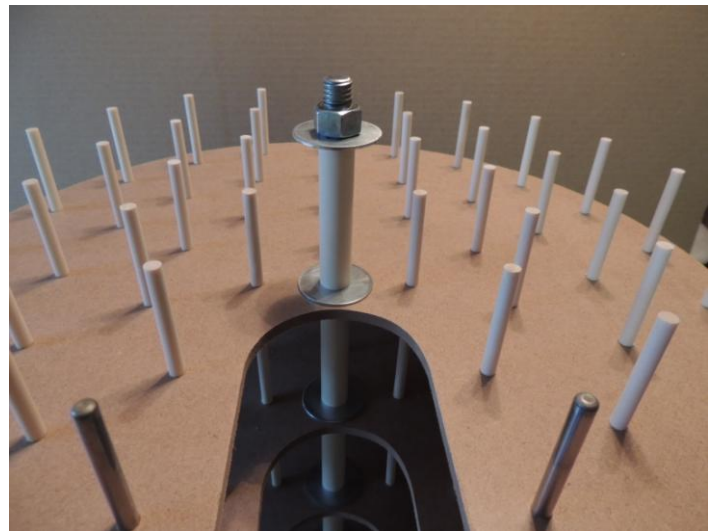
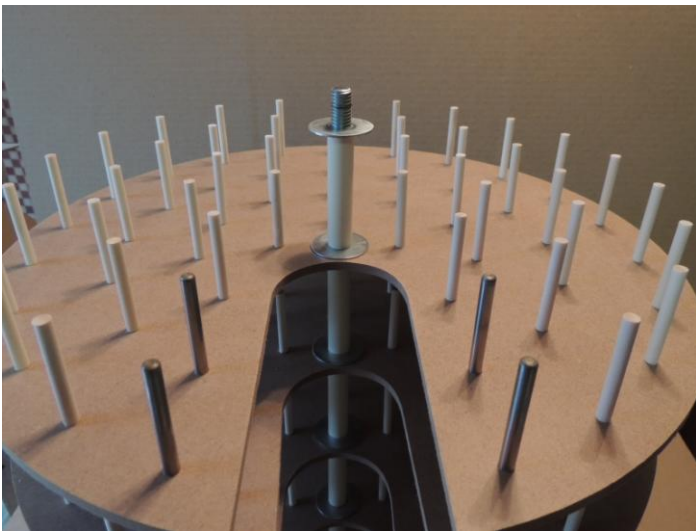
Flat washer (1/2" x 1-1/2")

3" Spacer

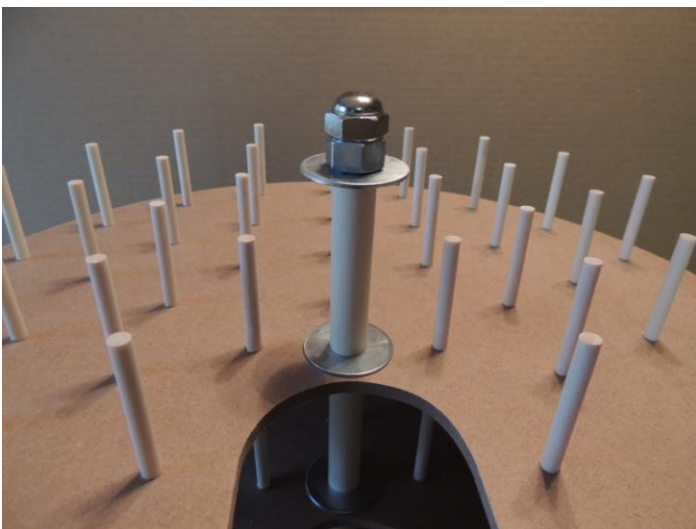
Flat washer (1/2" x 1-1/2")

After completing the addition of the last shelf, add the remaining washer/spacer/washer, followed by the remaining 1/2" nut. Before placing the Acorn nut, snug the 1/2" nut to the desired tension that still allows the shelves to rotate, but snug enough to keep the shelves from wobbling. Once you have determined how tight

you want to make it, thread the Acorn nut on the center rod and tighten it against the lower nut (double nut technique). This will allow shelves to rotate based on the tension you desire. The 1<sup>st</sup> photo also shows the four (4) steel dowel pins near the access slot. These steel pins are heavier than standard wood dowels to help counterbalance the shelf due to the cut out access slot.



The bobbin storage shelf simply sets down over the acorn and upper nut, resting on the top washer. It can be removed for easy access and kept near your sewing machine for easy retrieval of your bobbins.



This completes the assembly, and now you can start storing your spools.

**THANK YOU!**