

Build a Wooden Coin Display Rack

This 4-tier wooden coin rack holds up to 28 coins. It can be modified easily to hold more or less depending on your needs. To build it you will need some basic power tools:

- Table saw
- Router



Choose the size and the wood.

For this project I used $\frac{3}{4}$ " redwood burl stock, milled to about .68" thickness in a planer.

The length of this rack was 12", which holds 7 average sized coins in a row.

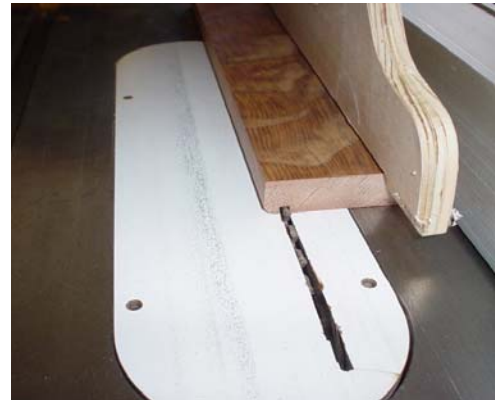


Cut the tiers.

Each tier will be $\frac{3}{4}$ " wider than the one above it. So if your top tier is $1\frac{1}{4}$ " wide, the next one will be 2", followed by $2\frac{3}{4}$ ", and so on.

Once the tiers are cut, you will need to cut a groove for the coins.

I cut a $\frac{5}{32}$ " groove, but you may choose to make them smaller ($\frac{1}{8}$ " will hold most coins straight up, $\frac{3}{16}$ " will let them lean back at an angle. Some coins are very thick, so measure your collection). Cut the grooves no more than $\frac{1}{8}$ " deep so they don't hide much of your coin.



Next round the front edge of the tier.

This is just for looks, so you can leave them square if you don't have access to a router. Just sand them smooth before assembly.

Once everything is cut and lightly sanded, assemble using wood glue and clamp to dry.

If after assembly, the ends are uneven, true them up using the table saw. Cut no more than is needed to make them even.



Measure the finished tiers and cut 2 end blocks.

These should be $\frac{1}{2}$ " wider and $\frac{1}{4}$ " taller than the assembled tiers (see illustration). Glue these in place.

Once the glue is dry, you may finish the rack in what ever way you like. I use one coat of linseed oil, followed by several coats of shellac, and finish with wax applied with fine steel wool. Stick on felt pads can be applied to the base (available at Ace Hardware).

