

New Egg-Chuck

After my Sassafrass egg chuck broke a leg, I decided to make a new one.

Sorry for the lack of piccies, but I get started turning and forget to grab the camera. 😊

I bought a PVC dresser/compression coupling to fit 1/2" PVC pipe. Turned a shaft to the proper size from Bois d'Arc, and epoxied the coupling onto that. Its too long for just one, so I'll make two at the same time.

Pic One: The epoxy is set, so I'm beginning to turn away the plastic in the center. The plastic turns away in long strings, and they get into the way. Where I'm turning will be the part that mounts into the chuck jaws. When I get to bare wood, I'll stop, leaving the plastic shoulder to seat against the top of the jaws. 😊

Pic Two: Got them separated, and ready to turn the inserts. I drilled a 3/8" hole through the center of each soon-to-be-chuck, for a plunger to knock the egg loose, if necessary. Next, I turned 3/8" thick inserts with shoulders to fit the shoulders inside the screw-on caps. I used super glue to stick 'em in.

I had already measured eggs from the fridge, and they averaged 1 3/4" Dia X 2 1/2" Long, so I chucked up th' chucks and turned the inside to fit the large end of the egg, and stuck in a little layer of foam rubber for padding. 😊

Then I screwed on the cap, and turned the inside of it, undercutting it, so it will fit snug onto the pointy end of the egg. Last thing was to stick a little bit of foam into that.

Pic Three: The plunger, the Chuck, and the Cap. I turned a depression inside the bottom center, to fit the plunger. Turns out the plunger is an unneeded part. The egg sticks to the cap, not the chuck.

Pic Four: Gotta try it out, so... turning an egg from a piece of Apricot.

Pic Five: Chuck with the finished egg. It works! 😊

Like I say, I apologize for the lack of pics. (I'd rather turn than take pictures, anyway.)

Attached Thumbnails

