

Bottle Stopper

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This project can be done with a solid 3" x 3" block of wood, or a series of scraps that ends up roughly 3" x 3".

Once you have the block, using the band saw cut it into a rough circle and glue it to a waste block.

Attach the mounted block to the lathe and hold in place with the live center.

Start turning the piece round and begin shaping the stopper.

When round and about half complete, remove the live center and replace it with the drill chuck, depending on the stopper hardware you have use the following drill bit:

For the SS Artisan Stopper – 11/32" drill bit + 3/8" 16 tpi drill tap

For the Rubber stopper with Maple dowel – 3/8" drill bit.

Drill the blank a little more than 1" deep.

Remount the live center and continue turning and sanding the blank to the desired shape.

Note: try to get it as close to the final shape as possible before cutting it off from the wasteblock.

For the SS Stopper, then use the tap to tap threads into the 11/32" hole. Then mount on the mandrel. Use the pencil jaw chuck to hold the stopper in place while you finish sanding/turning. Note: the piece is not real stable on the mandrel so be gentle, I recommend sanding more than turning if possible.

For the Maple dowel stopper, glue the dowel in place then use pencil jaw chuck as noted above. Again this is not real stable so take your time.

Raise grain, re-sand, apply finish, re-sand then glue the SS fitting or rubber stopper in place.

All the hardware can be purchased online at Craft Supplies USA. The SS kits run from \$4-10 the dowel and rubber stoppers come in 5 packs for about \$7/ per 5 pack.