

# Trinket Box

## Dalton Area Woodturners Guild

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**Wood list** for what I am going to make tonight: (pieces are slightly oversized to allow for trimming)

1. Walnut (or other dark colored wood) 4¼ x 4¼ x 1¼ inches for base.
2. Maple (or other light colored wood) 3 x 3 x 2 inches for lid.
3. Ebony (or other black colored wood) 1 x 1 x 1½ inches for top.

**Steps** – We work on the wood from the top down

1. Mount wood for top and turn to 1" round, if needed.
2. Turn a ¼ inch round tenon ¼ inch long on the bottom of the top. Set top aside.
3. Mount the wood for the lid with the top toward the tailstock and turn a tenon on the top side to fit your chuck. Square the tenon.
4. Drill a ¼ inch hole a little over ¼ inches deep in the tenon.
5. Mount the top, using the tenon, in your chuck and round to 2 7/8 inches being careful not to split off wood at the bottom of the lid. Trim and square bottom so the lid is 1¼ inches tall including tenon at the top.
6. Mark about 5/16 inch in from the edge and hollow inside of the lid following the shape in the drawing – about 1 inch deep.
7. Sand the inside of the lid.
8. Cut an angled tenon 1/8 inch wide and slightly over 1/8 inch deep into the bottom of the lid next to where it is hollow leaving about 3/16 on the outer edge of the lid. Set lid aside.
9. Mount base with bottom toward tailstock and turn bottom slightly concave. Make a reverse tenon less than 1/8 inch deep to fit your chuck.
10. Do whatever decorations you want to the bottom and sand bottom.
11. Mount the base using the reverse tenon in your chuck and round to 4 inches, again being careful not to split any wood off the bottom of the base. Trim and square base to 1 1/8 inch thick.
12. Measure the diameter of the hollowed part of the lid. This does not include any part of the angled tenon. Transfer this to the center of the base and hollow the base about ¾ inch deep.
13. Sand the hollow in the base.
14. Cut an angled tenon to fit the lid making sure to leave enough wood. I.e. Make the tenon too large.
15. Carefully reduce the size of the tenon until the lid fits tightly – no rocking or sliding side to side.
16. Remove the point from the revolving center if it has one. This is to keep the point from splitting the top piece of wood.
17. Place the top's bottom tenon into the hole in the top of the lid and using the tailstock jam-chuck the lid and top to the base tightly.
18. Turn the outside of the trinket box following the drawing. Turn everything except the very top of the top. Leave a little wood to keep everything in place. Be very careful where the base and lid meet, as you can't take very much wood off or the lid and base will come apart. Also be careful where the lid and top meet, as the grain changes there.
19. Sand the outside of the box.
20. Tape the lid to the base and the top to the lid and finish turning the top of the top and sand if needed.
21. Remove the tape and carefully resize the tenon on the base to give the lid a looser fit.
22. Finish as desired.

# Drawing

