

Make this

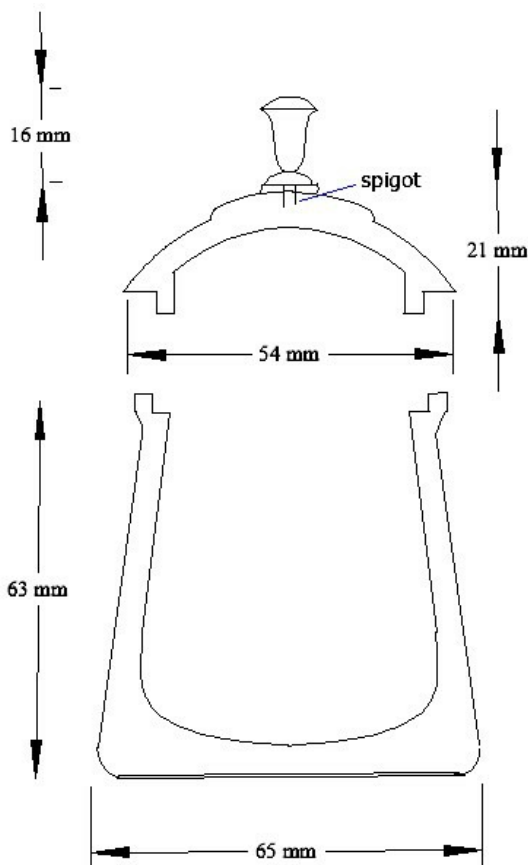
Box



Walnut with knob in box wood. Finished using sander sealer and yorkshire grit.

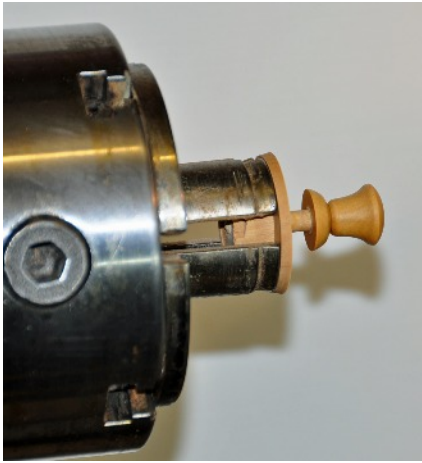
Start with some interesting timber (yew is ideal) about 80 mm wide and 80 mm long. Mount the wood between centres and rough to a cylinder forming spigots at both ends. Part off about a third of the cylinder and put to one side. This will be used to make the lid.

Meanwhile the rest of the cylinder, which will become the base, is firmly secured in a scroll chuck. Shape the outside of the base section and hollow. using a gouge or favourite hollowing tool. Form a shelf to accommodate the lid. (See plan)



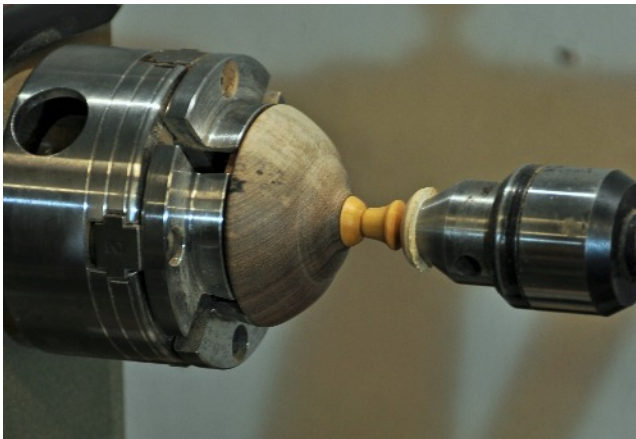
Sand and finish the inside before removing the base from the chuck. You can reverse the base and using a jam chuck finish the bottom of the box. (See picture below)





Shape the knob and form a 4 mm spigot. A 6 mm spindle gouge is ideal for this fine detail.

Now turn your attention to the lid. Mount the section reserved for the lid in the chuck using the spigot you made before parting off. The first job is to make a rim to fit snugly in the shelf formed in the base section (see plan).



Once you are happy with the fit, shape and finish the inside of the lid. Then using a jam chuck reverse the lid in the chuck so that you can shape the outside. Bring the tail stock up to support the work. Drill a 4 mm hole in the centre of the lid. While the lid is on the lathe fit and glue the knob. Finish the outside of the lid.



A peek inside. Walnut takes a nice finish but the spalted areas were crumbly and required very sharp tools.