

Make this

# Pillar Clock



This project appeared in issue 352 of Woodturning magazine. However I felt that the design of the base section didn't quite look right. While design is a personal matter I offer this adaptation as an alternative.

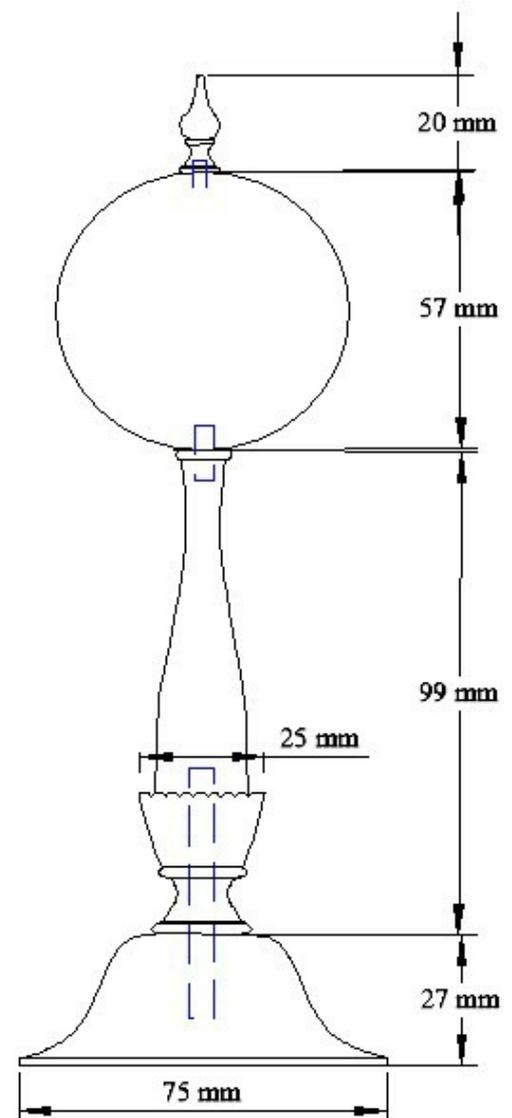
The main build follows the magazine article quite closely. There are five main components.. The base, the boxwood cup, the stem, the clock surround and the top finial. In addition there are 2 boxwood rings either side of the clock housing. There are also 2 decorative boxwood features shown on the plan

The ogee shaped base is a good place to start the project. After drilling a 6 mm hole through the wood mount between centres and shape.

You may need to colour match the base with the stem. The wood used for the base was a lot lighter than the stem so it had to be darkened with several coats of diluted garnet polish which built up the colour gradually

*Pillar clock with 50 mm diameter clock face*

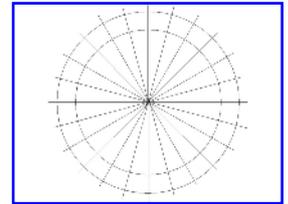
The dotted blue lines on the plan indicates the dowelling used to join the components. The boxwood cup is only hollowed enough to house the end of the stem.





The 24 serrations in the boxwood are effected by a triangular file as shown in the article. Using the index system of the lathe to mark the position of each serration is one option. Another option is to use a template which is cut out and stuck to the top of the boxwood. Mark each line carefully with a stanley knife and then file each nick.

When turning the clock section care is required not to make the clock insert too loose a fit. Keep checking the width of the recess using the actual clock insert. Fittings can vary even with the same nominal size of insert.



*Template for serrations*

The top finial boxwood rings and the two decorative buttons also in boxwood completes the turning. After sanding all components the pieces are dry assembled. Provided all is well then it is time to glue, I use gorilla wood glue. Everybody has there own favourite finish. I used Liberon finishing oil after sanding down to 2000 grit. No wax was used due to the burr.

*Burr wood clock housing and decorative box features provide extra character and should you look at the base the boxwood button is a nice detail*



*John Hawkswell*