## Step-by-step guide to...

## **ARTISAN Order Code:** 105768 DECORATIVE **BOX HINGE KIT**

Difficulty Level : Confident



4. Cut a tenon to this size on the tailstock end of the blank.



1. Mount your blank between centres, this blank measures 125mm x 50mm.





2. Rough down to a cylinder.



6. Remove from between centres, mount chuck onto the lathe and hold the blank in the chuck



3. Using a set of O'Donnell jaws (610357), open to the optimal size (true circle) and measure the internal with callipers.



7. Cut another tenon on this newly exposed end, the same size as before and once again cut to a dovetail.



8. Using a parting tool, part off the lid section at 50mm.



12. The external box shape can now be turned.



5. Cut the tenon into a slight dovetail.

9. This will leave you the base section in the chuck and ready to start sizing for the lid. Using callipers measure the inside diameter of the hinge.



13. When happy with the external shape you can hollow the inside using a bowl gouge.



10. Now cut a tenon to suit the hinge measurement.



14. Finish off the shaping of the round bottom with a round nose scraper to blend in the curves.



11. Test fit the hinge to ensure a good snug joint.



15. Check the depth before parting off to ensure you don't cut through the bottom.



16. Knowing where the inside hollow stops you can make a small depth cut with a parting tool.



20. Coat with wax and buff to a good finish.



17. Now finish the shaping around to the parting tool cut, this is best done with a small bowl gouge.



21. Part the box off.



18. You are now ready to sand the inside and outside of the box making sure you do not over sand and make the box under-size for the hinge.



22. To finish the base, make a jam chuck from a piece of scrap wood.



**19**. Coat the box in sanding sealer, wipe dry and lightly sand back.



23. Cut in a recess to jam the box into.



24. This gives you access to the underside of the box.





28. Add decoration to the lid while holding in the jam chuck.



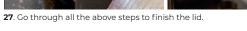
26. Repeat this process on the lid.

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29. Using epoxy, glue the lid to both base and top.







(30)



**30**. Here what the finished box looks like at this stage.

