

Step-by-step guide to...

# ARTISAN DECORATIVE BOX HINGE KIT

Order Code:  
105768

Difficulty Level : **Confident**



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



2. Rough down to a cylinder.



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



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



5. Cut the tenon into a slight dovetail.



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



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.



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.



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



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



12. The external box shape can now be turned.



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



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



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.



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



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.



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



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



21. Part the box off.



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



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



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



25. Using a bowl gouge tidy up the base, sand and polish.



26. Repeat this process on the lid.



27. Go through all the above steps to finish the lid.



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



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

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