



QUICK FACTS

Level: Beginner/Intermediate - some basic knowledge of general bowl cutting techniques is preferable.

Time: Around 30 mins

YOU'LL NEED

1. Chisels Required:
Bowl Gouge
NOVA Dovetail Chisel

2. Wood: dense , harder woods (*must be hard or softer wood will break corners off*)

3. Equipment needed:

Nova Precision Midi Chuck with 50mm Jaws and Woodworm Screw (*inc with standard chuck*)

SAFETY

Always read & understand the instruction manual for any product or equipment before using.

Always use safe practices & appropriate safety equipment.

Only use genuine Teknatool/NOVA parts and products.

This clock will be a practical and attractive addition to your desk top. Its so easy to make using NOVA Dovetail Chisel, so why not give it a go!

This project kindly supplied by
Luke Crossen



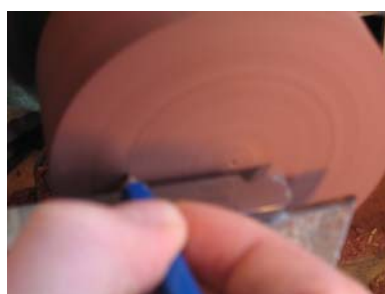
Step 1. Glue a wasteblock to a piece of timber about 90mm X 35mm. Hot melt glue or pva will work.



Step 2. Rough turn the block down till it runs true.



Step 3. Mark the centre with the nova dovetail chisel.



Step 4. Measure the dovetail width with the chisel also.



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Step 5. Hollow out the dovetail with a bowl gouge and trim to the exact angle using the nova dovetail chisel.



Step 6. Reverse the piece and mount in the dovetail just turned and true up the face. Either split the wasteblock off with a chisel and mallet or turn it away.



Step 7. Measure the approximate size needed for the clock insert using vernier calipers, take this as a guide only and start off with a smaller recess.



Step 8. Take most of the wood out using a bowl gouge and get into the corner with the nova dovetail chisel(The dovetail angle should not be as sharp as the angle on the chisel though, it should be closer to right angles) Stop frequently to check when the clock fits right, tight enough not to fall out easily and not so tight that it's really hard to get out.



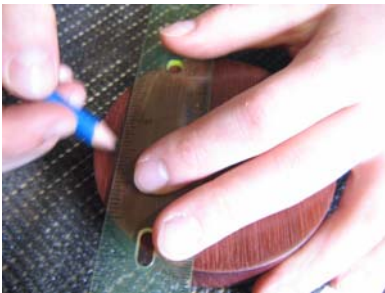
Step 9. Finish cut front and side. Sand, now check that the clock movement sits flush with the face of the wood, if it doesn't deepen the recess, then finish.



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Step 10. Reverse the piece again in smaller jaws or jam chuck, if using jaws only grip it loosely so it doesn't damage the wood, remove the dovetail or make a feature of it, now take the finishing cut. Sand and finish.



Step 11. Mark out a slightly angled base for it to sit on, this will look best when parallel with the grain, so the grain is parallel when finished.



Now cut. Sand, taking care to make sure it sits on a flat surface and doesn't rock.



Step 12. Congratulations! You have made yourself a nice looking desk top clock.

This project will be easy to make with NOVA Dovetail Chisel.

This high quality Nova Chisel also enabling you to easily and accurately make the dovetail recess for the chucking of a bowl.

It is inexpensive and easy to you. It is ideal chisel for beginner woodturners.

www.teknatool.com



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