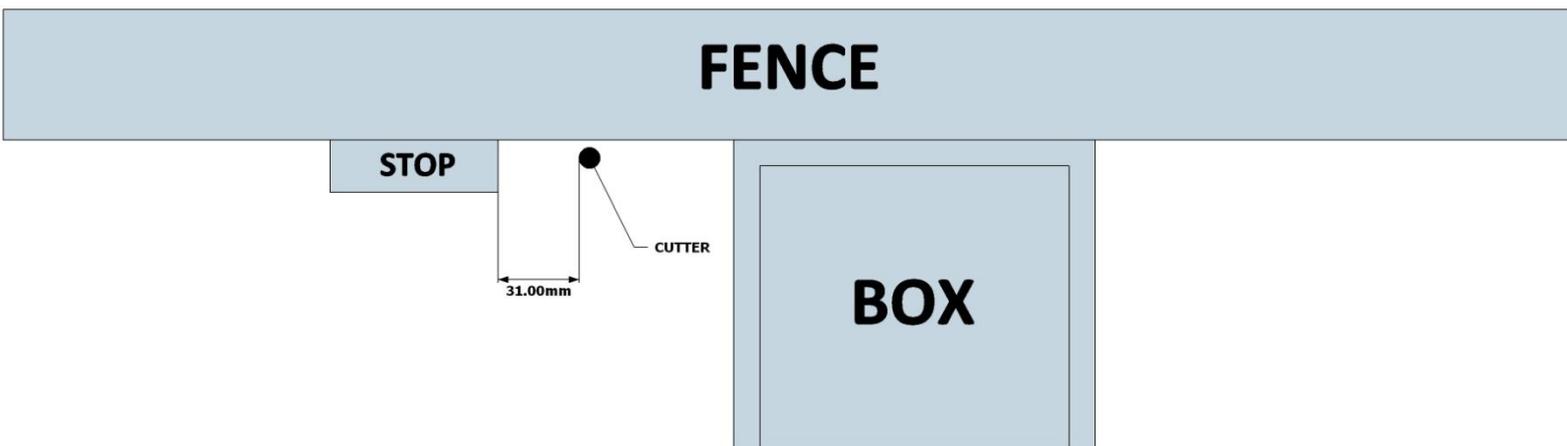


## Neat II Hinge fitting instructions

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Set your router table up with an 8mm/5/16 down cut spiral bit or if you don't have one an 8mm straight bit will work but light passes are needed. Measure the width of your Neat II hinge and subtract this from your box thickness, then divide this amount in half – this is the distance your fence should be from your cutter ( A low fence produces more accurate results). *Make some test cuts using MDF.*

Set a stop 31mm away from the outer edge of your bit (use a piece of hardwood cut to 31mm for accuracy). Set the depth of cut to the thickness of the leaf 3.35mm for a flush fit. This will give you a gap at the rear of your box of approx 0.3mm. If you do not want a gap then set the depth of cut to exactly half the barrel thickness. This setup will cut the upper right and lower left mortises. Proceed to cut these. Once these are cut set an opposing stop up the same way for the upper left and lower right mortises – make a test cut on MDF and measure the depth of the mortise with digital calipers and check it is the same as your first set of mortises. **CAUTION!** you will now be cutting with the cutters rotation (climb cutting) so be sure to hold your box firmly to the table and fence.



**Drilling screw holes** Take time and mark your screw holes out with a sharp awl and mark them slightly off centre towards the front of your mortise. This will ensure the hinge is pulled tight into the mortise. This is very important because if your screws holes are drilled out then the hinge will be pulled in this direction. I drill my holes at the drill press for accuracy but a hand drill will also work. Fit the screws and check for alignment of your lid and base, small amounts of misalignment can be fixed with some clear tape at the front of that mortise. Slot alignment or timing of the screw heads is key to fine work. Add some candle wax to your screw thread and start the screw slot a quarter turn back from its final position. Use some downward pressure and screw in.

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Please add your comments/review about the hinge to our website [www.jewelleryboxhardware.com](http://www.jewelleryboxhardware.com)

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