

# Southern Turners Project Sheet

## Inside-Out Christmas Ornament



This project sheet shows how to produce an inside out Christmas ornament. It is a process known as involuted turning, which usually involves numerous sections of timber which are carved (turned) then rotated, reassembled and carved (turned) again. You can use pretty much any size timber blank for this project that accommodates your desired pattern, but is better if it is a square or rectangular section with smooth sides. The blank used in the example below is approx. 70mm X 35mm X 100mm long and the design used in this example is of a Christmas tree, but others can be used..... experiment and see what you can come up with!

1. Begin by marking a line down the centre of your blank



2. Continue the centre line down the ends and mark the centre. Mark these points with an awl if you have one.



3. On one face of your blank on the upper edge, draw half of your pattern and colour in as shown in the photo. This will allow you to see your pattern while the timber is spinning, making it easier to know what areas to remove.

Now mount your blank between centres.



4. Turn away your coloured in pattern. Using the lathe at high speed will make the job easier, as there is less time between the timber making contact with your chisel and your pattern will be more visible.





5. Remove from the lathe and cut in half along your marked line

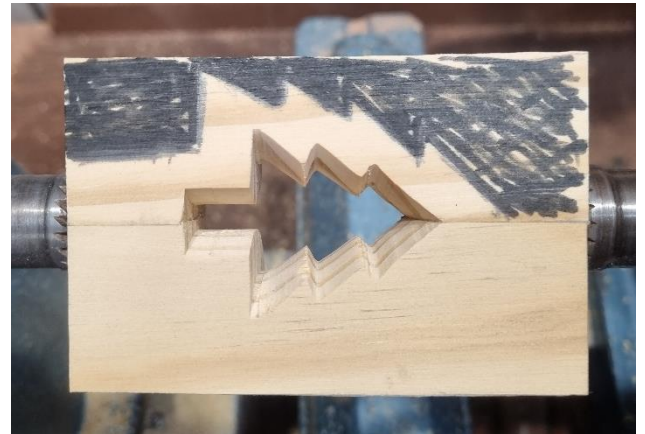


6. Rotate the pieces 180 degrees



7. Glue and clamp, ensuring the internal design is aligned properly

8. Once the glue has cured, mark new centre points on the ends of your blank, using the glue line as part of the guide. Using a marker, draw your design on the upper half of your blank as pictured & colour in the area to remove. It is important to ensure that the glue is cured at this stage as pushing in the lathe centres may separate the join.



9. Again using high speed on your lathe, remove the unwanted sections from your blank.

Part off and sand to complete. You may need to sand the faces of your piece flat to tidy up.



Job complete! Now experiment with other sizes and shapes

