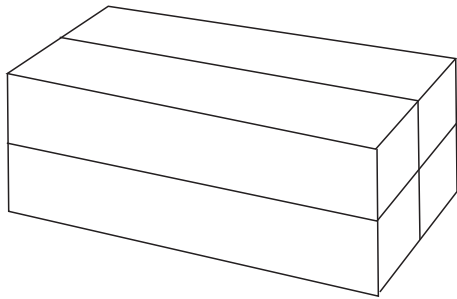


## Inside-Out Turning

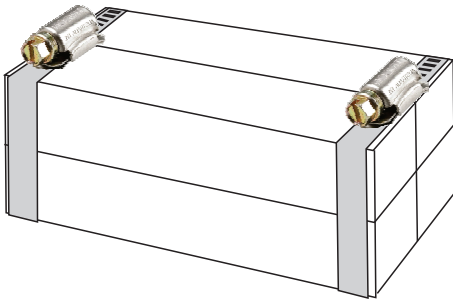
This project sheet is written to show the woodturner various ways to make small items of inside-out turning of about the size that might be used as a Christmas tree decoration.

The width of the finished work will be the same as the four pieces of wood used at the start of the project. The length of the item may be changed after completing the "inside" part if there is wood length to spare.

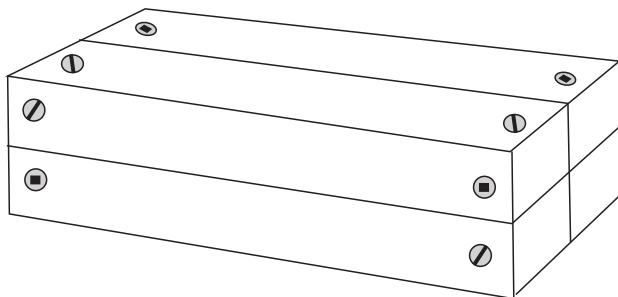
The way the work is held on the lathe may be determined by the size of the project or a method of your choice. The holding method may also determine the way you hold the four pieces together for the first stage of the project. For the second part of the project all four pieces are securely glued together.



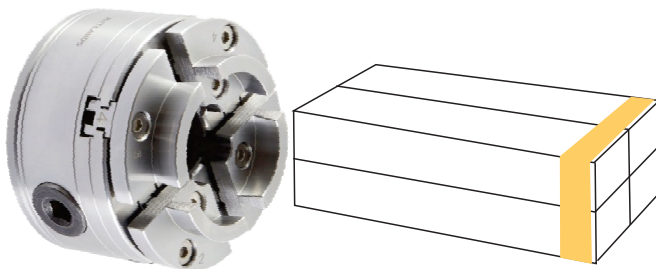
Dress four lengths of wood so that they have a square cross section. Glue them together with paper joints.



Or hold the ends together with hose clips.

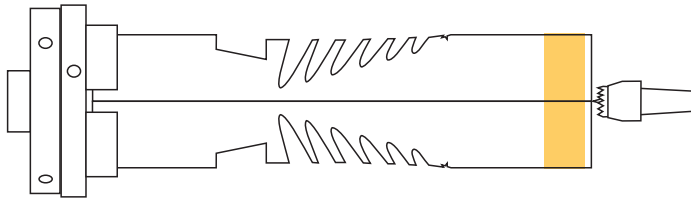


Or start with longer wood and screw or glue the ends together and waste them away later.

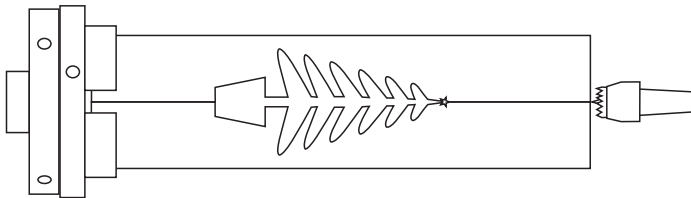


Or hold the headstock end firmly in a chuck and wrap the tailstock end with tape.

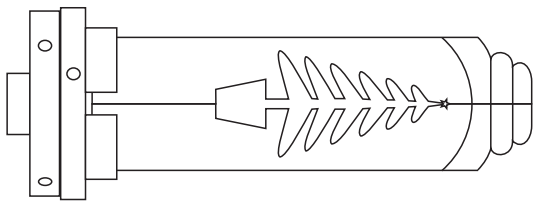
## Inside-Out Turning P2



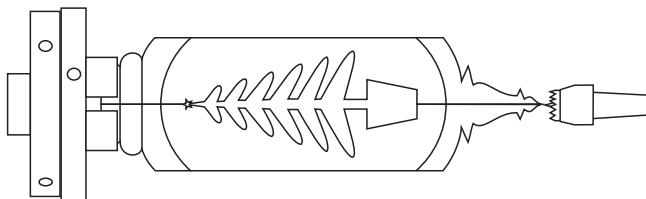
Mount the wood on the lathe with the four pieces bound together using the method of your choice. Bring up the tailstock for added security and use a flat-faced live centre to reduce splitting pressure on the wood. Most of block remains square. Cut down to create the desired pattern at the area where the blocks of wood are face-to-face. At the corners these cuts will be much deeper. Sand, and add colour if desired, within this cut area.



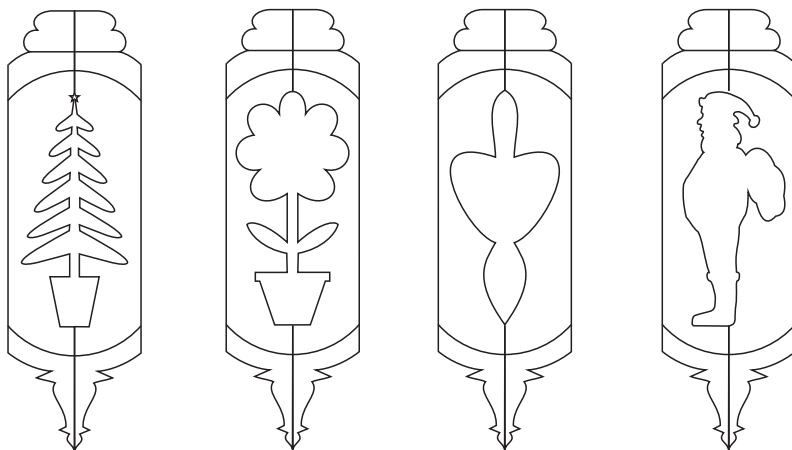
Take the wood out of the chuck and separate the four pieces of wood. Rotate each piece and then reassemble them so that the cut pattern shows on each face. Glue them together. Mount this block in a chuck and bring up the tailstock.



Turn this upper end to the shape of your choice and also to a shape that will allow you to hold this end in a chuck, or other device, while finishing the bottom end of the work. Sand and finish this end.



Turn the work around and mount it in a small chuck, or other device, to hold it while the bottom end is turned. Bring the tailstock up. Turn the bottom to a simple curve, or make an icicle, or some other shape of your choice. Sand and finish this end. Remove it from the chuck and finish the flat faces.



To make Santa you need to do two inside-out forms - one for the front half of Santa and one for the back half. Then swap the parts about to get whole Santas before gluing the blocks together.