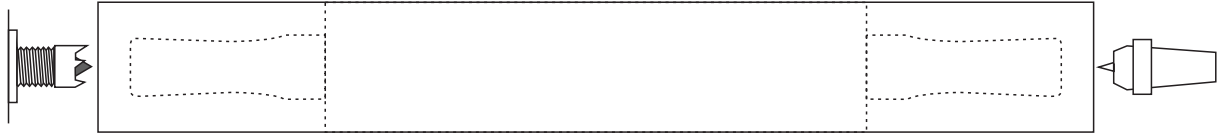


## Rolling Pin with Wheels

A rolling pin with an changeable wheel around each end so that material of a specified thickness can be rolled out, eg. pie crust 3mm; cookie dough 6mm; biscuit 12mm.

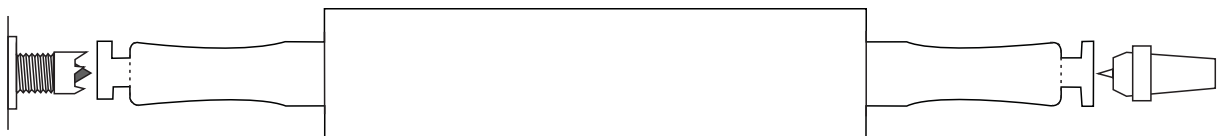
Mount a 460mm long by 80mm square piece of wood between centres. This project is planned to be completed between centres. If you wish to use a chuck to hold the wood then you should either change the plan to a shorter rolling pin or start with longer wood.



Turn the total length of the wood down to 75mm diameter. For the wheels to work the diameters at the ends of the body must be exactly the same. Sand the part which is to be the body of the rolling pin to remove all tool marks. Mark that the centre 300mm is to be the body of the rolling pin and the 70mm at each end of that is the handle, leaving 10mm at each end to be parted off to remove the drive and tail marks.



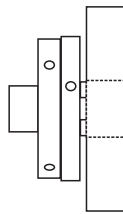
Turn the handles down to 30mm diameter. Then keep the 20mm closest to the body of the rolling pin at 30mm and add a little shape to the rest of the handle ensuring that the outer end of the handle is less than 30mm dia. Take one of the wheel pieces and check that this will fit on the 30mm dia part of the handles. Check both ends and reduce the diameter of the handle if necessary. Sand both handles to a good finish. Sand the body of the rolling pin to a good finish. The last sanding should be lengthwise along the rolling pin. You may wipe on a food-safe finish or leave the wood clean.



Gently cut down the handle ends. Sand and finish these curves. Part off both ends either on the lathe or using a saw at the workbench. Sand and finish the ends.

### Make Six Wheels

Cut a 20mm thick board into six pieces each 110mm square. Drill a 30mm hole through the centre of each one.



Mount these pieces on 25mm jaws or pin jaws. Turn two pieces until their diameter is 6mm greater than the diameter of the rolling pin body; two pieces to a diameter 12mm greater than the diameter of the rolling pin body; and two pieces to a diameter 24mm greater than the diameter of the rolling pin body. Sand and finish each of these.

