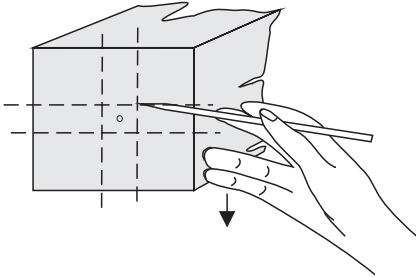
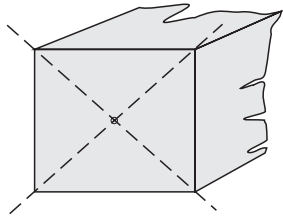


MOUNTING THE WOOD

Basics Sheet 1

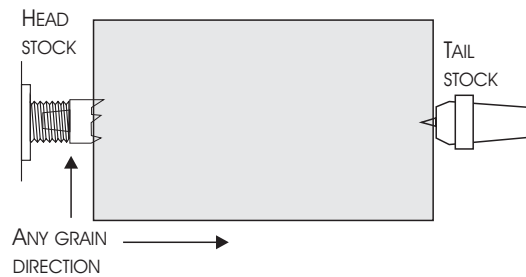
Spindle Turning



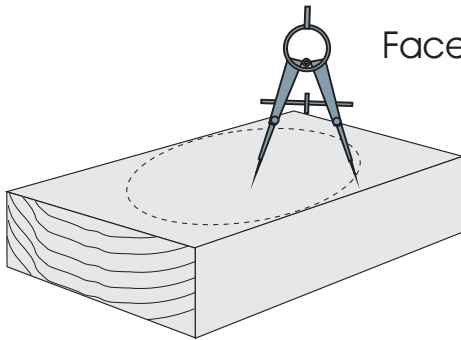
Mark the ends of the wood to locate the centre.

Secure the wood firmly between the spur drive in the head stock and tail stock centre.

Make sure the spur drive is driven well into the wood and the tailstock is secured.



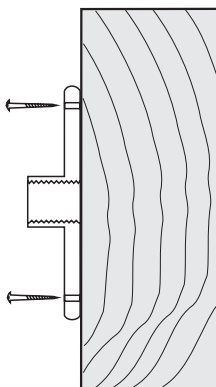
Faceplate Turning



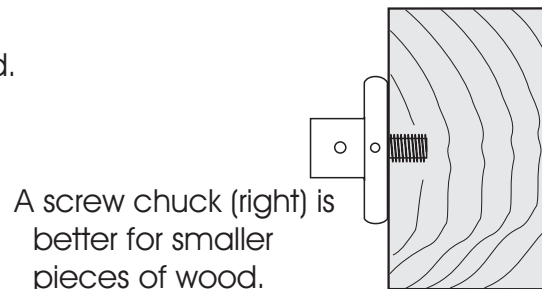
Mark the centre on the side that is to be secured to the lathe.

A faceplate may be screwed to this side of the wood.

To use a screw chuck first drill a hole at the centre. The screw may be part of a faceplate or gripped in a scroll chuck.

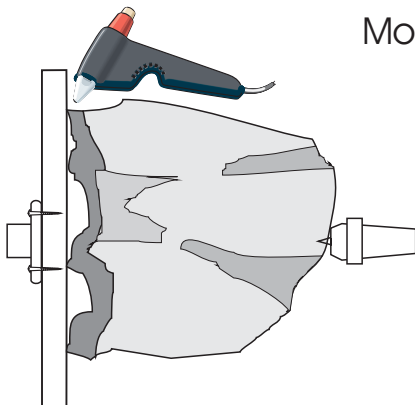


A faceplate (left) is ideal for larger pieces of wood.



A screw chuck (right) is better for smaller pieces of wood.

Mounting a Rough Bit



Attach the wood to a piece of mdf or ply with screws or hot melt glue. Attach the whole thing to a faceplate.

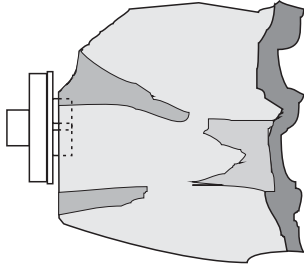
Bring the tailstock up for security.

Melt the glue off later with turpentine.

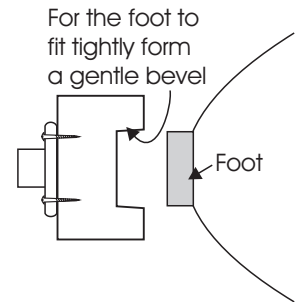
CHUCKING TO WORK ON

Basics Sheet 2

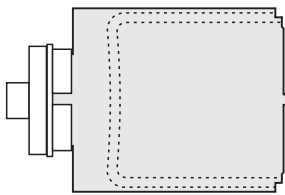
The initial mounting may be just enough to allow you to shape part of the wood with a dovetail, spigot or foot for a more secure hold in a chuck.



A dovetail can be cut into the rough bit. This will be the bottom of the finished work.



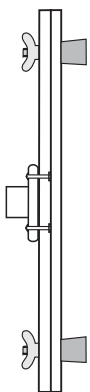
A wooden drive chuck, or jam chuck, is cut so that the foot of the item being turned fits tightly in the recess.



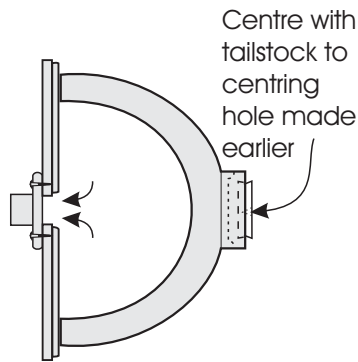
A spigot will hold one end of work that was started between centres and now needs to be hollowed.

RE-MOUNTING THE WOOD

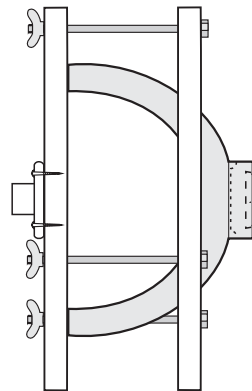
The base of a turned item needs to be finished to the same standard as the other surfaces of the work. This is easier to do if the work can be re-mounted on the lathe.



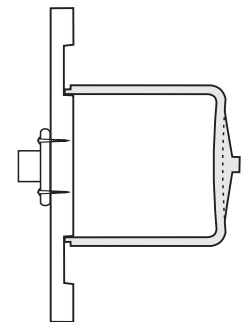
Longworth chucks and Cole Jaws grip the outside (or inside) of rim



Vacuum chuck used with vacuum cleaner sucking through centre of the faceplate.

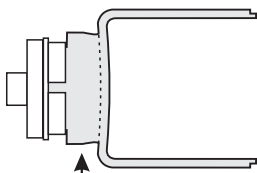


Compression chuck

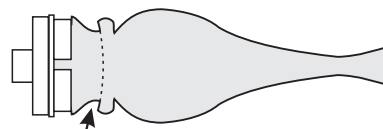


Jam chuck. Wood attached to a faceplate is cut so that the finished edge of the work fits firmly.

PARTING OFF This is the action needed to remove a turned item from the remaining piece that is gripped in the lathe.



Any chisel, or a saw, can be used to part the bottom of a box from the waste as it can be re-mounted to finish the bottom.



A parting chisel following the curve of the bottom is best to part a bud vase from the waste as it is difficult to remount such items to finish the bottom.