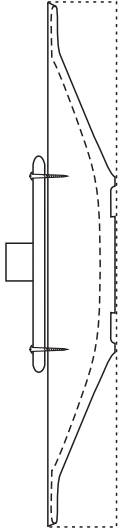


Platter

A platter may be described as a turned plate shape more than about 300mm in diameter and with a height that is less than 20% of the diameter.



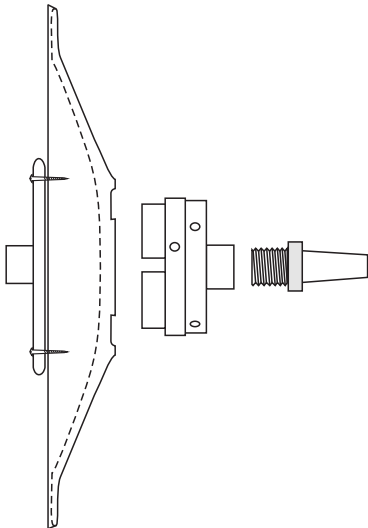
Mount using the broadest faceplate possible.

Turn the underside of the platter.

Cut a spigot for re-mounting on the widest chuck you have. Keep the spigot size to the jaw diameter of that chuck when the jaws are nearly closed and thus closest to a circle.

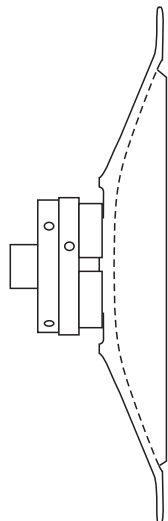
On a platter it is usually possible to create a foot for the platter that is beyond the diameter of the spigot.

Sand the underside from the foot of the platter to the rim.



Accurate re-mounting of the platter for turning the inside is very important. If it is just a little off dead true one side of the platter may be several millimetres thicker than the other side.

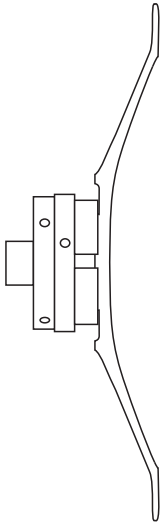
If you have a reverse adapter for your chuck this is the time to use it. Mount the reverse adapter with your chuck on it in the tailstock and move the tailstock up to the platter which is still mounted on the faceplate. Tighten the chuck onto the spigot. Remove the reverse adapter. Take the work off the lathe and remove the faceplate.



Turn the platter over and re-mount it on the lathe.

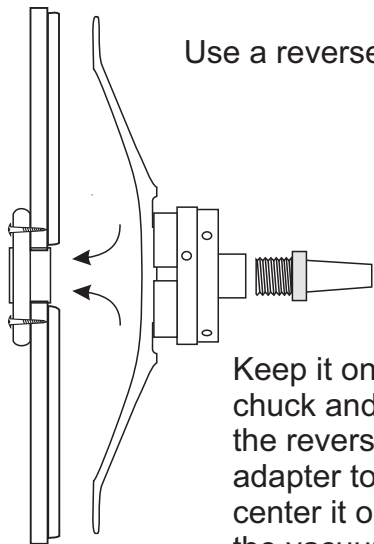
Turn and detail the outer parts of platter. All tool work in this area should be completed before the center of the platter is cut away. Most sanding of this outer area should also be completed at this time. It can be wise to totally complete and finish this area as the wood is likely to move a little after the center is removed.

Platter Page 2



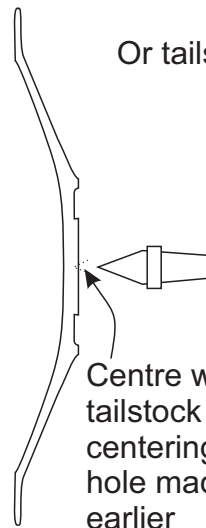
Hollow out the centre.
Sand and finish.
Use the broadest power sanding disk possible to reduce wavy chisel cuts on the broad expanse of a platter.

Remount the platter on a vacuum chuck, or pressed to a rubberised faceplate, to remove the spigot. Sand and finish the bottom.



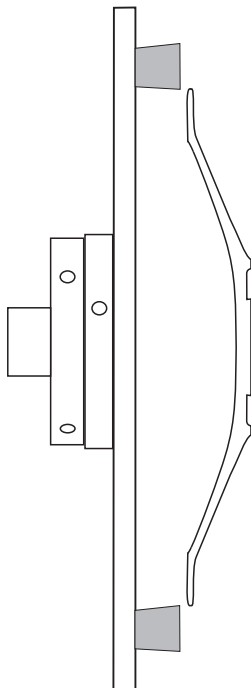
Use a reverse adapter

Keep it on the chuck and use the reverse adapter to center it on the vacuum plate



Or tailstock for easy centering

Centre with tailstock to centering hole made earlier



Or remount the platter on a Longworth Chuck or Cole Jaws. Remove the spigot. Sand and finish the bottom