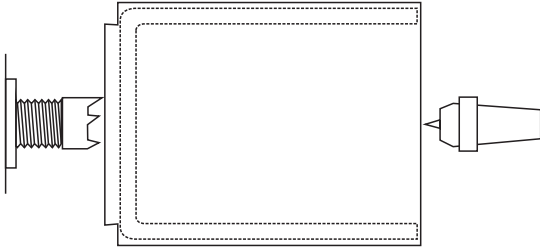


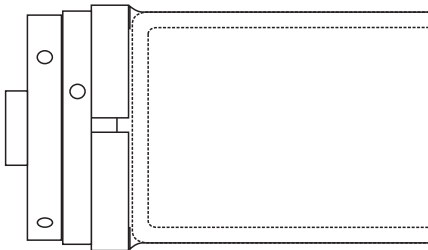
Tea Caddy

A Neil Joynt Design

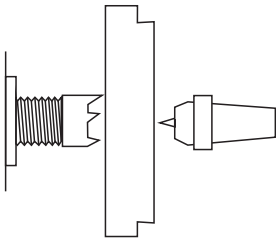
The design shown here uses three pieces of wood and has sizes noted to make it suitable for turning on Teknatool 50 and 100mm chucks.



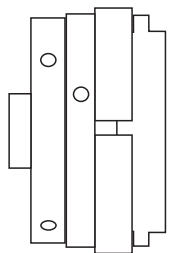
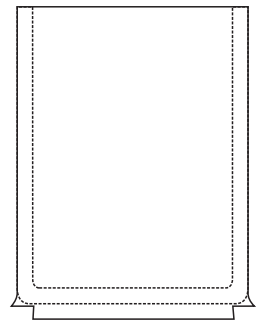
For the body of the tea caddy start with a block of wood that is 100mm square and 130mm long. The grain should be along the long axis. Mount this between centres and turn it round. Cut an 82mm spigot for holding in a 100mm chuck at the end that is to be the bottom.



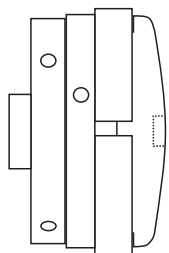
Mount the wood in a 100mm chuck. Turn the outside down to 95mm diameter. Sand and finish as much as possible of the outside. This will result in a wall thickness of 6mm. If you want a thicker wall then make the outside diameter greater. Hollow the inside to an 83mm diameter (do not make the inside diameter smaller) and about 110mm deep. Measure frequently. The finished bottom thickness should be 6mm. Sand and finish the inside. Take this piece off the lathe.



For the lid take a piece of wood that is 100mm square and 20mm thick with the grain along one of the 100mm axes. Mount this between a spur drive and live centre. Turn and sand it to exactly the diameter of the outside of the body of the tea caddy. Cut an 82mm spigot on one side.

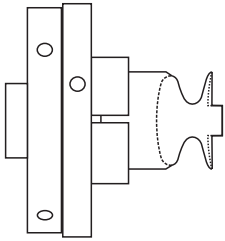


Turn this wood over and mount it in a 100mm chuck. The side now facing the tailstock is to be the underside of the tea caddy lid. Cut an 82mm diameter step into the face of this piece. This will fit into the 83mm diameter body of the box and double as a spigot for finishing this lid. Sand and finish all the underside of this lid.

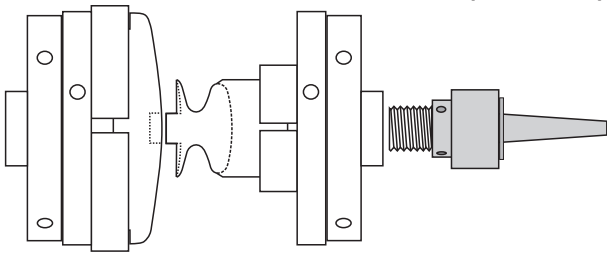
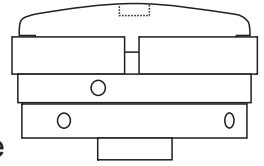


Turn the lid over and hold it again in the 100mm chuck. Shape the top. Sand and finish this area. Cut a shallow hole in the top to take the dowel-like underside of the knob you make next. Keep this wood in this chuck and remove it from the lathe.

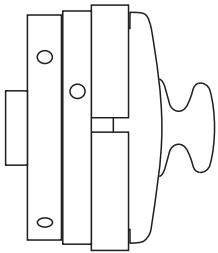
Tea Caddy P2



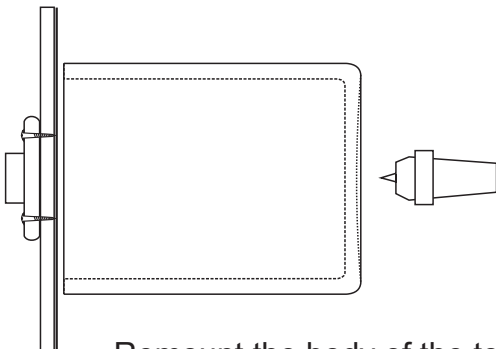
For the knob take a piece of wood that is 40mm square and 50mm long with the grain along the long axis. Mount it in a 50mm chuck. Round it off. On the exposed end cut a short dowel that will fit into the cavity you cut in the lid. Keep the outer edge of the knob uncut but cut deeper in towards the base of the dowel so that the edge of the knob will rest on the lid when the dowel is glued in. Cut and sand the first curve of the knob. Take this chuck, with the knob still in it, off the lathe. Mount this chuck on a reverse adaptor and put it in the tailstock.



Apply glue to the joining area and bring the two parts together.



When the glue has set, cut, sand and finish the knob. Remove the lid from the lathe.



Remount the body of the tea caddy on a rubberised faceplate, vacuum chuck, jam chuck, or other device of your choice. Cut the corners to a small curve. Cut the bottom to a slight concave. Sand and finish the bottom.

