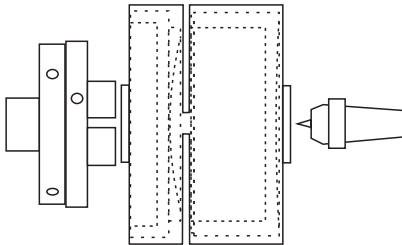


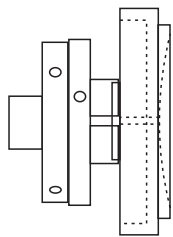
BOX WITH EMBROIDERY

As designed by Doug Tanner

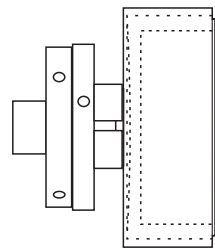
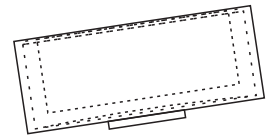
This is a box designed to have embroidered or patterned cloth inserted in the lid. The plan is to have simple wood and simple lines so that the embroidery or cloth is the prime feature. A wooden disc holds the cloth into the lid with a screw up through the centre of the lid. The woodturner may make this box and leave the embroiderer to make a piece to fit. Or the woodturner may need to adjust the size of the box to take the cloth provided.



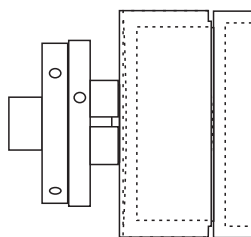
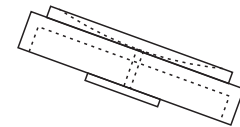
Mount the chosen wood between centres. Round it off and make a chuck bite spigot on both sides. Mount this in a chuck by the side planned to be the top of the box. The plan is to complete the outside of the bottom of the box later, so just part the two halves of the box. Set the bottom part of the box aside.



Cut the diameter of the lid down to exact size. Cut the rebate required to fit the lid to the bottom. The underside of the lid is best made concave. Drill a hole for the planned screw through the centre of the lid. Sand and finish all the underside of the lid. Take the lid off the chuck and set it aside.

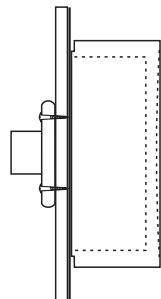


Re-mount the bottom half of the box. Cut the top surface to the finished dimension and begin hollowing the box. Hollow it enough to use it as a jam chuck to remount the box top.

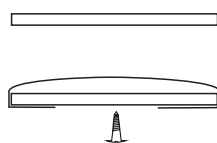


Now that the box diameter is known it can be useful to make the wooden disc and attach the embroidery as shown at the bottom of this page. Then the box top can be hollowed to the required depth to take the insert.

Jam fit the box top onto the box bottom. Complete the box top with a square cross-section well into the top to take the wood disc insert. Cut the sides of the box down to the exact width of the top. Sand and finish the top and sides. Remove the top and complete the hollowing of the bottom. Sand and finish the inside.



Re-mount the bottom by its upper side on a jam chuck, press-fit faceplate, vacuum chuck, or other device. Remove the spigot and cut the bottom to a slight concave. Sand and finish.



Cut a wooden disc to fit neatly into the box top after the embroidery is wrapped around it. Make this 2mm smaller diameter than the inside of the upper side of the box lid. To fit the cloth you may need to make it smaller.

A layer of shaped foam or loose sheep's wool is needed to shape the top before the embroidery is placed over it and wrapped to the underside of the disc. Secure it with tape or glue on the underside. Fit the disc and cloth into the box lid and screw it into place.

