

ROUND BOX MAKING - USING THREADED RINGS

Follow the original Treen Box making instructions including items 1-4.

Base of Box

Use a 1-1/2" forstner bit to drill a hole 1/8" deep. Change to a 1-1/4" forstner bit and proceed to drill a concentric hole 1-1/4" diameter to the proper depth (2-1/2" to 3").

Mount the base blank over the mandrel (see original instructions) turn the profile of the base to your design. Take the outside diameter of the profile at the opening down to match the rim of the threaded ring. Sand and finish the wood base.

Lid of Box

Use a 1-1/2" forstner bit to drill a 1/8" deep hole into the bottom end of the lid. Follow with a 1/2" bit drill to 3/8" deep. Glue the female insert inside the hole.

Mount the mandrel onto the head stock of the lathe. Screw the lid into the mandrel securely. Use a mini gouge and slightly enlarge the 1-1/2" hole until the flange of the upper ring fits into the enlarged hole. Test the size by unscrewing the lid off the mandrel, to check the fit. Turn the outside diameter down to match the rim of the threaded ring. Sand and finish the wood lid.

Gluing The Rings

NOTE: Be careful not to get any glue on the threaded portion of the rings.

Thread both the upper and lower rings together. Spread a thin coating of glue inside the opening at the lid part first. Glue in the upper ring.

Spread a thin coating of glue inside the opening of the base. Glue in the flange of the opposite ring (with the lid end attached) into the base. The hole in the base is larger than the flange, so you need to center (by feel), and match the outside edge of the lid to the outside edge of the base. When both are aligned, let dry.

Optional Tip: To hide the exposed insert in the lid, cut a round piece of felt material to 1-1/2", and glue inside the lid cavity.

