Making a 2 piece scoop - Sally Ault

Bowl

The wood for the bowl part of the scoop may be either straight grain turned end grain or burl. The blank should be the width of the desired bowl plus ½" +/- and the length should be the width plus 1". The blank must be large enough to turn a tenon that will fit in available chuck jaws.

Put the blank between centers and round the blank. Turn a tenon to fit the available chuck jaws.

Put the tenon in the chuck. Turn the exterior shape about ½ way down the bowl leaving support wood on the chuck end of the blank and level the face of the bowl.

Sand the outside of the shaped part of the bowl to 320. Put finish on the accessible areas.

Drill a hole for the handle using a ¼" forstner or brad point drill. Be sure to drill into side grain leaving about 1/8-3/16" between the face of the blank and the hole. Aim the drill at the center mark of the face and angle the drill in the orientation desired for the handle. This is done before hollowing the bowl.

Hollow the bowl to 1/8" (or slightly less wall thickness.). Use a negative rake curved scraper to smooth the interior and get rid of the pimple/dimple in the bottom of the bowl. Sand and finish the inside of the bowl. I use several coats of thin CA to finish the inside.

Complete the shaping of the exterior leaving a very small tenon connected to the waste wood. Sand and finish.

If you are using a jam chuck you can cut off the bowl using a small pull cut saw. If you will use a vacuum chuck, leave the bowl attached to the waste wood.

Create a jam chuck or if you are using a vacuum chuck, line the piece up using the TS mark in the waste wood then cut off the waste wood once the vacuum is on.

Tape the bowl to the jam or vacuum chuck for safety and clean cut the remaining bit on the bottom of the bowl using delicate cuts toward the head stock. Sand and after removing the tape, finish the exterior of the bowl.

Handle

The blank for the handle should be straight grain hardwood. The blank should be ¾" x the desired handle length plus 1" if using pin jaws. If no pin jaws are available the blank must be large enough to fit in the available jaws.

Put the blank between centers and round to a cylinder and cut a tenon. Put the tenon in the chuck with the Tail Stock engaged.

Shape the TS end. Start a bead ¾” from the end and reduce the end close to ¼”. Using a sharpened ¼” end wrench or calipers cut the TS end to ¼”.

Shape the handle leaving support wood at the HS end.

Taper the TS end to less than ¼” in the area where there TS point damage, leaving ¼” of wood past the point damage. Slide back the TS and test fit the bowl on the tenon. If it is too tight, replace the TS and very slightly reduce the diameter then test fit the bowl again. Mark the place where the handle will end inside the bowl, remove the bowl and replace the TS.

Cut the TS end of the handle at the mark. After cutting through, support the handle with your fingers fingers and sand the end clean. Support the TS end of the handle in a mandrel saver if available…if a mandrel saver is not available leave unsupported.

Finish shaping the handle leaving a small amount of wood at the HS end, sand and finish as far as possible then make the final cut. Hand sand and finish the end.

Gluing

Using medium CA or 5 minute epoxy put the glue around the handle tenon and slide the bowl onto the handle. Wipe off any excess glue and make sure the bowl is straight. If using CA, use a very quick squirt of accelerator from at least 10” away. If using 5 minute epoxy either hold it until the glue has hardened or support the bowl so it won’t move while the glue is drying.

When the glue is dry put a drop or two of thin CA on the handle end inside the bowl and let it drip down the side of the handle end and fill any gap. Wipe off excess.

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