

Cindy Drozda

“The Fine Art of Woodturning”

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Tool List for the Natural Edge Lidded Chalice woodturning project

These are the tools that I used to make the Lidded Chalice in the Demonstration:

1/16" Parting Tool
3/8" Beading and Parting Tool
3/8" 40/40 Bowl Gouge
1/2" 40/40 Bowl Gouge
3/4" Arc Negative Rake Scraper
General Brand Vernier Caliper (for scribing)
Inside Caliper (for measuring recess)
Figure 8 or "C" shaped Caliper (for wall thickness)
1/2" Square Recess Scraper
3/8" Finial Gouge
1/4" Vortex Tool
1/4" Pyramid Tool
1/2" 50/50 Negative Rake Scraper
Depth Gauge
Elio Drive or Steb Center for spindle
Steb Center for tailstock
Miniature Live Center for tailstock
Chuck with O'Donnell jaws, or pin jaws, for turning the finial
Chuck with Cylinder Jaws to accept a diameter of about 3" - 4" (75 - 100mm) for turning the bowl
Chuck with Standard 50mm Jaws to turn the lid

Please note: It is not necessary to have all of these tools to make this project! These are what I used, but it is possible to make this project without owning all of these tools.

Please look at the Lidded Container Supplies document to find where to buy these tools.

Supplies and materials for the Lidded Chalice project:

Here are the materials and supplies that I used for the Lidded Chalice in the Demonstration:

Natural Edge Burl Blank, just over 5" (127mm) in diameter and about 5" (127mm) tall. Dimensions can be varied for a different look.

Waste block, with hole through it, for lid and base/pedestal. For this project, they need to accept a 3" (75mm) recess for the lid, and a 2" (50mm) recess for the base.

Straight grain hardwood blanks for the finial and base/pedestal. The finial and pedestal can be any height and diameter that you think looks good. Many variations are possible. I am using a finial blank 1" (25mm) in diameter and 3-1/2" (90mm) long, to yield a 2-1/2" x 3/4" (65mm x 19mm) finial, and a pedestal blank 2" (50mm) diameter and 3-5/8" (93mm) long.

India Ink for dyeing finial and pedestal if desired
TransTint Dye (or similar) for dyeing burl bowl if desired

Finishing material of your choice. I will use Sutherland Welles Polymerised Tung Oil.