

Carved & Textured Egg

Handout

Introduction.

In this 2 hour demo I will show you some methods for indexing small objects and marking indexed regions on larger ones. Using an egg or similar hollow form, I will carve a stylized spiral design in relief with rotary carving tools and texture the surface with rotary tools, wood burning and branding, or both.



Process.

- Make a perfect egg.
 - No amount of carving or texture will fix a bad form!
- Think of a spiral design you like.
 - How many sections does it have?
 - Is it a complete spiral, or is it wavy?
 - I like five & ten & wavy.
 - Index 10 sections on the egg.
 - If you start freehand, it's likely to end up like the famous sign.
 - Put it back on the lathe (and setup your indexing rig)?
 - Most built in indexing have 24 stops.
 - Sections that divide evenly into 24.
 - 2, 3, 4, 6, 8, & 12.
 - 5 & 10 are not on the list.
 - Common in nature.
 - Fibonacci sequence.
 - Use a fixture.
 - Mark as many rings as you need.
 - One near top and bottom are probably adequate.
 - Estimating in between usually works out ok.
 - Draw *spiralish* guidelines.
 - Carve the division boundaries.
 - Inverted cone.
 - Cylinder.
 - Blend the secondary curves within the form.
 - Concave.
 - Cylinder.
 - Taper.
 - Flame.
 - Refine the surfaces as needed.

Plan Ahead

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- Texture the surfaces.
 - Directionality.
 - Randomness.
 - Carving possibilities.
 - Stipple (ball).
 - Short narrow strokes (knife edge, cutter, inverted cone, cylinder).
 - Long flowing strokes (knife edge).
 - Cleanup with small taper (2mm).
 - Woodburning & Branding possibilities.
 - Stipple.
 - Troweled (side of skew tip).
 - Staccato strokes.
 - Flowing lines.
 - Daisies, starfish, leaves.
 - Fish scales.
 - Basket weave (home made coil).
 - Geometric (triangles, quadrangles).
 - Mud cracks, ice flow, bark.
 - Cleanup with a skew tip.

Tools You May See In This Demo.

- Carving.
 - Marathon micromotor carver.
 - Master Carver Micro-Pro rotary carver.
 - Inverted cone bur, 3-8 mm.
 - Knife edge bur, 6 mm.
 - Tapered bur, 2.1mm.
 - Collet adapter, 1/8" to 3/32".
 - Concave bur, carbide spiked, 3/8".
 - Cylinder bur.
 - Cup bur.
- Woodburnng.
 - Burnmaster woodburner.
 - Colwood woodburner.
 - Skew tip.
 - Blunt writing tip.



To learn more, visit my website at <http://RickUrbanWoodturner.com/>
or email me at RickUrbanWoodturner@gmail.com