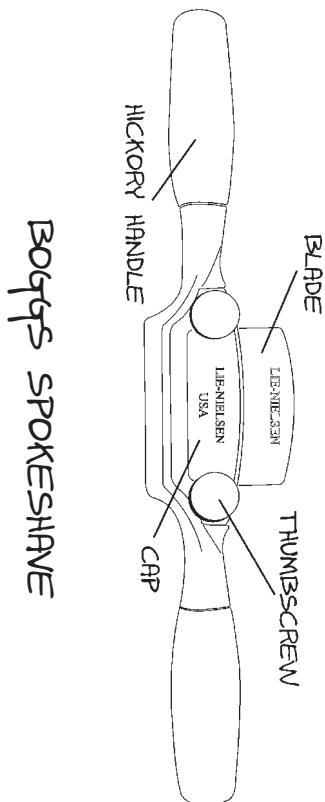


Boggs Spokeshave

Prop. 65 Warning: Bronze and brass alloys contain lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.



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Lie-Nielsen
TOOLWORKS®
INC.

Boggs Spokeshave

P. O. Box 9, Route 1
Warren, Maine 04864

1-800-327-2520
toolworks@lie-nielsen.com

www.lie-nielsen.com

Makers of
Heirloom Quality Tools®

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Boggs Spokeshave

This Spokeshave represents a collaboration between Lie-Nielsen Toolworks and Kentucky's Master Chair Maker, Brian Boggs. It is a solid, hefty tool, weighing in at 12 oz. It is 10" long, with a 1" wide sole and a 2" wide blade, and is designed for fine, precise shaping work in all woods. It is available with a flat or curved sole.

Geometry: The blade has a 25° bevel and is bedded at 40° to the sole, bevel down.

This tool is set up to take thin shavings (maximum .008-.010" or so). A tool with a large mouth will not perform as well on finish cuts. If you need a heavier cut, the tool can be easily modified by filing a chamfer on the leading edge of the mouth to allow a bigger shaving to pass.

Blade Sharpening: The blade comes ready to use. Slight additional honing will increase performance. A secondary bevel of up to 5 degrees helps achieve a razor edge quickly. This also improves edge life in hardwoods. For more information on advanced sharpening we suggest David Charlesworth's *DVD Hand Tool Techniques Part 1: Plane Sharpening*.

Blade Adjustment: The easiest way to adjust the depth of cut is to lay the sole on a flat wood surface, loosen the cap and advance the blade until it touches the wood evenly. Tighten the cap screw. This should produce a thin shaving. If not, or if more cut is desired, either repeat with a paper shim under the front edge of the sole, or tap the back of the blade gently with a small hammer.

Curved Sole: The approximately 5" radius on the curved sole is intended for inside curves. The sole can be modified by the

user for tighter radii.

If you have any concern that the curved spokeshave you received has a flat sole instead of a curved sole, please check the sole with the edge of a straight edge. The radius on the sole of the Boggs Curved Spokeshave is approximately 5". A gentle radius like this works very well for curves as small as 10" in diameter.

If you need to work a radius smaller than 5", please consider our Small Bronze Spokeshave, which has a 1 ½" radius.

Materials: Manganese Bronze body and cap, Brass thumbscrew. Heartwood Hickory handles.

The blade is A-2 Tool Steel hardened to Rockwell 60-62, cryogenically treated and double tempered. Our heat treating technique ensures that the blade will take and hold a very fine edge for a long time. After heat treating, the blade is fully surface ground on the top, back, and cutting edge, giving a smooth, flat surface that will take a mirror finish very quickly.

Maintenance: Polish the Bronze parts with any good brass polish or enjoy the patina that develops with age and use. Oil the blade to prevent rust. We recommend Camellia or Jojoba Oil - vegetable oil based products. They are non-toxic, odor-free and easy to use.

Guarantee: Materials and workmanship are guaranteed for the life of your tool. Call for repairs or replacement parts. We are available for advice if you ever have a problem using your tool.

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