



## LIE-NIELSEN HONING GUIDE (SHOWN WITH STANDARD JAWS)



**WARNING:** This product can expose you to lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Wash hands after handling.

## Lie-Nielsen Honing Guide

Our version of the side clamping style of honing guide is solidly machined from Stainless Steel, with a Bronze bearing. It features removable jaws: replacement jaws are available for Chisels  $\frac{3}{16}$ " and under, tall jaws for Mortise Chisels, long jaws for very short blades and angled jaws for skew blades. We have designed these jaws for our blades and chisels, not other makers! The Honing Guide comes with the standard pair of jaws that fit most of our plane blades, as well as our  $\frac{1}{4}$ " to  $\frac{3}{4}$ " Bevel Edge Chisels.

We offer additional jaws for honing other kinds of blades:

- **Chisel Jaws:** fit our  $\frac{1}{8}$ " and  $\frac{3}{16}$ " Bevel Edge Chisels (as well as our  $\frac{1}{4}$ " to  $\frac{3}{4}$ " Bevel Edge Chisels).
- **Mortise Chisel Jaws:** fit all of our Mortise Chisels, as well as our 1" Bevel Edge Chisel.
- **Long Jaws:** fit blades for all of our Spokeshaves and for the following Lie-Nielsen planes: No. 610, 10- $\frac{1}{4}$ , 041, 042, 073, 101, 100, and  $\frac{1}{2}$ ". These jaws are reversible. The short end hones a bevel up to 40° and the long end hones a bevel up to 30°.
- **8° Skewed Jaws:** fit our No. 140 Skew Block Plane (left or right hand). The blade for the left hand No. 140 fits with the left Skewed Jaws, and the blade for the right hand No. 140 fits with the right Skewed Jaws.
- **30° Skewed Jaws:** fit our No. 98 & 99 Side Rabbet Planes. The blade for the No. 98 fits with the right skewed jaws, and the blade for the No. 99 fits with the left skewed jaws.

**To Attach Jaws:** To ensure the jaws are attached squarely in the guide, set the jaws onto the body of the guide without tightening the lock screws, then close the guide without tightening the thumbscrew. Once the guide is closed and the two jaw halves are making contact, tighten down the lock screws. The jaws should now be properly aligned in the tool.

# Lie-Nielsen TOOLWORKS® INC.

*Heirloom Quality Tools®*

## Lie-Nielsen Honing Guide

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*Made in Maine, USA, since 1981*

**Angle Setting:** The distance the blade projects from the front edge of the Honing Guide determines the honing angle. The following list gives blade projection distances in 5° increments:

- 20 degrees:** 2- $\frac{1}{16}$ " (52.38mm)
- 25 degrees:** 1- $\frac{1}{2}$ " (38.10mm)
- 30 degrees:** 1- $\frac{5}{32}$ " (29.36mm)
- 35 degrees:**  $\frac{7}{8}$ " (22.22mm)
- 40 degrees:**  $\frac{5}{8}$ " (15.87mm)
- 45 degrees:**  $\frac{7}{16}$ " (11.11mm)
- 50 degrees:**  $\frac{5}{16}$ " (7.93mm)

Using the Mortise Chisel Jaw Pair increases the honing angle approximately 5 degrees. For example, setting a blade in the Mortise Chisel Jaw Pair at 1- $\frac{5}{32}$ " for 30 degrees, will result in an angle closer to 35 degrees.

For information on sharpening, we recommend David Charlesworth's video, *Plane Sharpening*, available via our website in both DVD and streaming formats.

**Materials:** All parts are Stainless Steel, Brass, or Bronze.

**Maintenance:** Keep the threads free of grit by rinsing off with water after use, but wipe off excess. If you want to oil the threads, use a light machine oil. This is not necessary. To disassemble, use two screwdrivers to remove the reverse-threaded Brass nut. Unthread the threaded rod from the body, remove one retaining clip to remove the roller bushing assembly. Reassemble in reverse order. All parts are replaceable and available from us.

**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.