



# Garrett Wade

## Technical Memo T16

Re: 19N06.01 19N06.02 19N06.10

To: Customers of the Lie-Nielsen Cabinet Scrapers  
From: Garrett Wade Customer Service

### Hand Scrapers

*YOUR* scraper can finish surfaces that are impossible to plane. But if you work too long in one area, it is hard to control the flatness of the entire surface. A scraping plane is useful to use in combination with hand scrapers. Work difficult areas with the hand scrapers as needed; keep the surface flat with the scraping plane.

The thinner blade (.020") is quite flexible, and is great for scraping shorter, complex surfaces. The thicker blade (.032") will take a heavier cut, and will be preferred for larger surfaces.



### Burnishing

Before you use the scraper, it is helpful, but not absolutely necessary, to turn a burr on the edges. To create a burr, hold the scraper upright in a vise. Using a burnisher, begin by holding the burnisher at 90 degrees to the blade, decreasing the angle with successive passes. Work the edge until you can feel a distinct 'hook' all the way across. Be very careful not to cut yourself on the upright scraper. Use of a burr will give more aggressive cutting action. When re-sharpening, first hone the old burr off, then square the edge with a stone or file, and repeat the burnishing process.

### Materials

The Lie-Nielsen Hand Scrapers are made from premium, high carbon Swedish tool steel hardened and tempered to Rockwell 49-51. They will take a burr well and last a long time. The long sides have been ground square. If you wish to use the short sides, file square before burnishing.

### Maintenance

The scrapers are made of steel and will rust. Keep them lightly oiled and wrapped in cloth or treated paper when storing the scrapers between uses.

### Guarantee

Materials and workmanship are guaranteed for the life of your tool. We are available for advice if you ever have a problem using your tool.

*For further assistance, call the Garrett Wade Technical Department at 800 221 2942, or email us at [mail@garrettwade.com](mailto:mail@garrettwade.com)*