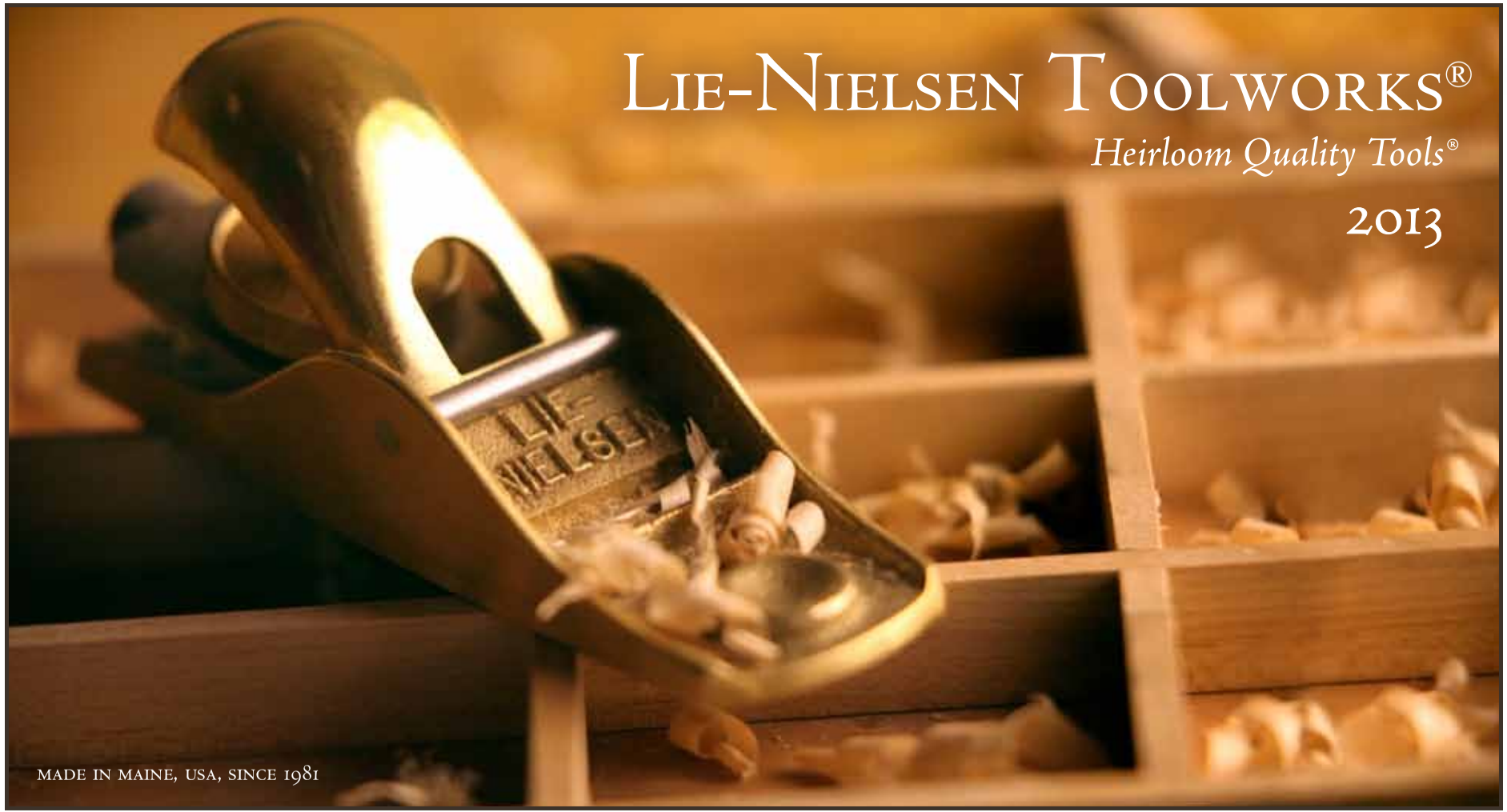


Lie-Nielsen Toolworks®

Heirloom Quality Tools®

2013

MADE IN MAINE, USA, SINCE 1981

Lie-Nielsen TOOLWORKS® INC.

Heirloom Quality Tools®

Dear Woodworker,

Welcome to the Lie-Nielsen 2013 catalog of heirloom quality, woodworking hand tools!

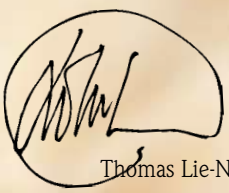
Woodworking with hand tools is satisfying on many levels, especially with the right tool, perfectly prepared to make that precise cut with ease. In 1981, when I first began tool-making, many of the tools featured in this catalog had long since gone out of production. Over the past 30 years, we've brought them back to life with added precision, durability, and beauty.

What's New

Since the last edition of this catalog, we have introduced some exciting new tools to our line-up. We now offer new sizes of High Angle Frogs for our Bench Planes (p. 9), the Low Angle Jack Rabbet Plane (p. 16), the Violin Maker's Plane (p. 18), closed-throat versions of our Small and Large Router Planes (p. 28), the Shoot Board Plane (p. 31), Custom Miter Box Saws (p. 36), thin plate versions of our Dovetail Saw (p. 36) and 16" Tenon Saw (p. 38), the Razor Shave (p. 48), the Langsner-Lie-Nielsen Froes (p. 52), the Lie-Nielsen Workbench (p. 58), and two new Lie-Nielsen DVDs (p. 66-68).

We've also expanded our offerings of other makers' fine tools and now carry hand-stitched rasps and hand-forged carving tools from Auriou in France (p. 50-51), hand-forged axes from Wetterlings in Sweden (p. 52), and timber framing squares made by Chappell Squares in Maine (p. 57).

Sincerely,



Thomas Lie-Nielsen

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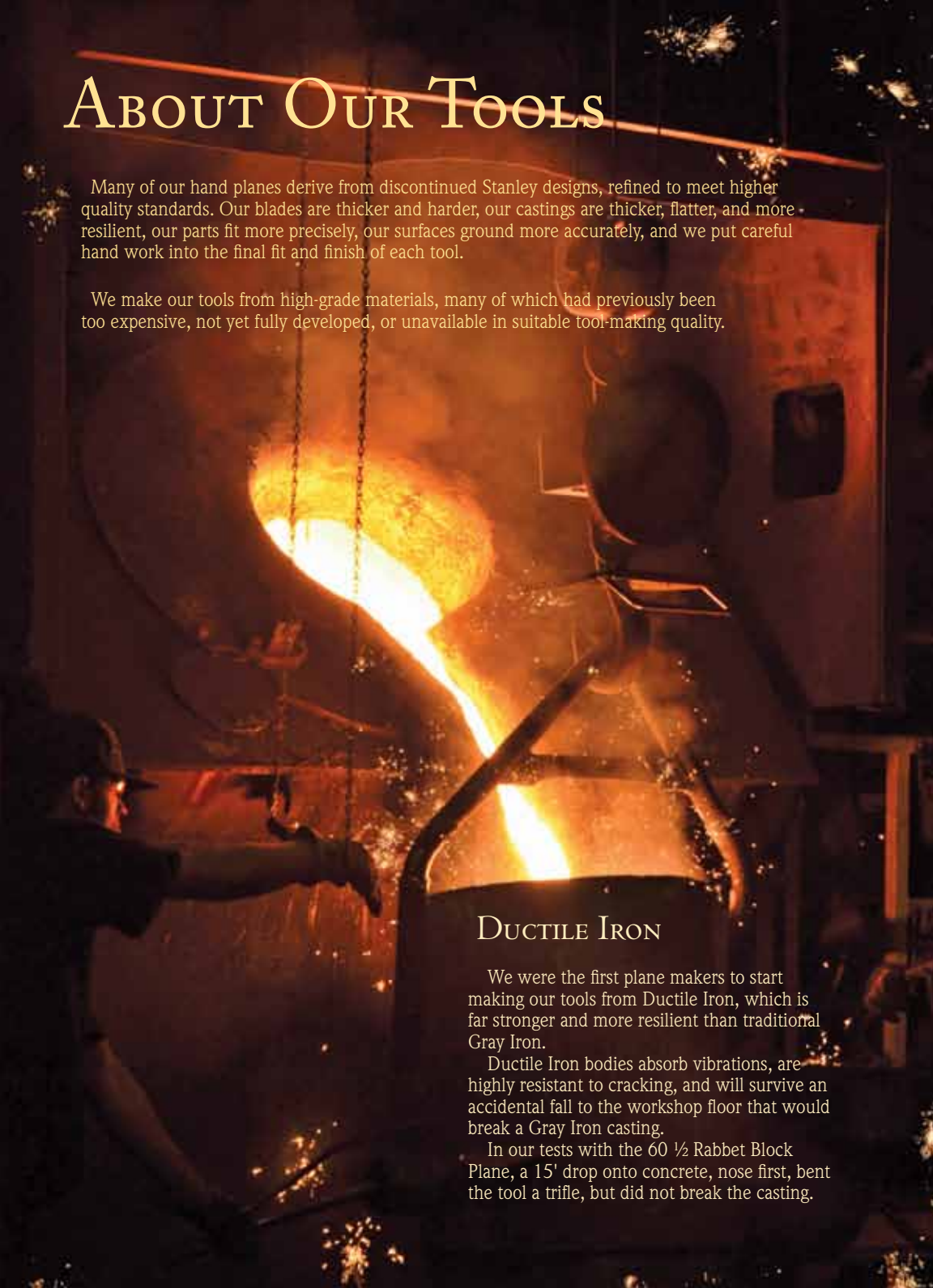
About Our Tools

Many of our hand planes derive from discontinued Stanley designs, refined to meet higher quality standards. Our blades are thicker and harder, our castings are thicker, flatter, and more resilient, our parts fit more precisely, our surfaces ground more accurately, and we put careful hand work into the final fit and finish of each tool.

We make our tools from high-grade materials, many of which had previously been too expensive, not yet fully developed, or unavailable in suitable tool-making quality.



Ductile Iron

We were the first plane makers to start making our tools from Ductile Iron, which is far stronger and more resilient than traditional Gray Iron.

Ductile Iron bodies absorb vibrations, are highly resistant to cracking, and will survive an accidental fall to the workshop floor that would break a Gray Iron casting.

In our tests with the 60 ½ Rabbet Block Plane, a 15' drop onto concrete, nose first, bent the tool a trifle, but did not break the casting.

Manganese Bronze

Though Cast Iron has long been the material of choice for mass-produced tools, we use Manganese Bronze for many of our components and smaller plane bodies.

It is heavier than Iron and adds heft to the tool, doesn't rust, won't crack if dropped, and has wonderful warmth in the hand. It is one of the hardest, strongest Bronze alloys and wears very well, unlike Brass and softer Bronzes.

(Photo) Pouring molten Iron for our plane body castings at Enterprise Foundry in Lewiston, Maine.

Our Mission is to design and create beautiful, heirloom quality, hand tools that inspire woodworkers and other artisans. Through exceptional support and education, our customers receive the same personal attention we put into our tools.

THANK YOU FOR YOUR SUPPORT!

Stress Relieved Castings

Stress relieving metal castings is an essential part of making quality hand planes. When metal is cast, particularly in a long flat shape like a bench plane, internal stresses must be relieved to ensure the machined casting will stay flat over time. We stress relieve all our castings by soaking them at high temperature with a slow cooling over 48 hours.

Flatness Tolerances

Lie-Nielsen planes are ready to use out of the box, with no need of further lapping or flattening. We carefully grind the soles of all our planes to a flatness tolerance of .0015" or better. For shooting purposes, the sides of all our Iron-bodied planes and Bronze Bench Planes are also ground square to the sole with the same flatness tolerance. Note: The Butt Mortise, Scrub, and large and small Scraping Planes are ground on the sole only.

Blade Steel

The blade is the most important part of a hand tool. Our blades are thicker than other manufacturers' for a solid cut with minimal vibration. We use A2 tool steel for most of our blades because our tests have shown that the edge lasts significantly longer than O1 tool steel, and sharpens readily with waterstones. Blades are hardened to Rockwell 60-62, cryogenically treated and double tempered for an even finer grain and enhanced durability.

Some folks are used to working with O1-type steel and like the way it sharpens with oilstones, so we offer O1 blades for many of our planes as well.

Wood Handles & Knobs

We use sustainably-grown, native hardwoods for our handles and knobs: Cherry, Curly Maple, Hickory, and Maine-grown Hornbeam. We carefully shape our plane and saw handles by machine and by hand to ensure a comfortable grip, finish them with wiping varnish, oil, or wax, and hand-buff them to a silky smooth surface.

Quality & Workmanship

Our first priority is quality. Instead of out-sourcing our jobs for the cheapest price and short-term profit, we are stubbornly local and believe the best quality is right here in New England. We source our metal castings from New England foundries, our wood from Maine sawyers, and use a combination of modern CNC technology, Bridgeport milling machines, and good old-fashioned hand work to make nearly 100 different types of tools in our mid-coast Maine shop.

Getting Started

When you first receive a plane from us, spend five minutes honing the blade on your finest stone. Then, adjust the cap pressure: on a Bench Plane you want to be able to adjust the blade depth without unlocking the cap; on a Block Plane, the cap needs to be a bit tighter. Then, use the tool. Later on, adjust the chipbreaker and mouth opening as needed for your work. That's it!

Core Tools

Unless you are already a seasoned hand tool woodworker, the vast array of hand tool choices in today's market may seem overwhelming. Here are some tips for choosing core tools for furniture building.

Planes: Everyone needs a Block Plane, and our No. 60½ Adjustable Mouth Block Plane is the most versatile design. If you start with rough wood, the next tool you need is a Jack Plane -- our No. 62 Low Angle Jack is our favorite. Next (or if you start with pre-surfaced wood), comes a flattening tool, which would be a Jointer Plane, usually a No. 7 or 8. For finishing surfaces you will need a Smoother – a No. 4 or 4½ is a good place to start. Then, consider a shoulder plane for trimming joints – the No. 073 Large Shoulder plane will handle large and small jobs – and other Joinery Planes, like the Router Planes, depending on your work.

Chisels: Start with a couple of sizes, or the five piece set. Our chisels only need a light honing to get started.

Saws: For joinery, start with a Dovetail Saw (the Thin Plate is our favorite). Next, you will need a crosscut saw – the Carcass Saw -- and later a Tenon Saw (consider the 16" Thin Plate). Especially when sawing, remember: let the tool do the work.

Workbenches: Often overlooked, a good bench is essential for hand tool work. A well designed bench holds your boards so you can easily work the faces, edges and ends of your pieces. Our benches and vise hardware are designed to be rugged and effective at holding the work for a variety of operations.

Sharpening & Cutting Angles for Planes

To get the most out of your hand tools, it is important to learn to sharpen well. Two waterstones (coarse and fine, 1000 & 8000 grit, for example), a honing guide, and a way to keep your stones flat will get you going. Visit our YouTube channel for a simple, effective method that gets great results (see page 63 for a link).

The cutting angle is the angle the blade presents to the wood. On bevel up blades, the cutting angle is the blade's bevel angle (usually 25°) plus the bedding angle (usually 12°). On bevel down blades (bench planes), the cutting angle is the angle the blade is set in the tool. Traditionally, bench planes have the blade set at 45°, but different cutting angles are better for different types of work -- which is why we offer high angle frogs.

These angles are intended as a guide – the exact angle is not as important as finding what works and using a sharpening method that allows you to re-sharpen at the same angle each time.

- 35° to 40° – ideal for end grain.
- 40° to 50° – standard cutting angle for general work with relatively low cutting resistance.
- 50° to 60° – minimizes tearout on highly figured woods.
- 100° or more – for scraping jobs.

Instructional DVDs and YouTube Videos

Many of our customers are new to hand tool woodworking or want to take their skills to the next level. Our expanding line of instructional DVDs and YouTube videos, produced in-house, explore a wide range of hand tool woodworking topics and feature many of today's master woodworkers (p. 66).

Weekend Workshops

We also offer a variety of Weekend Workshops each summer, held in our classroom in Maine and taught by expert woodworkers like Philip Lowe, Christian Becksvoort, Christopher Schwarz, Garrett Hack, Peter Follansbee, Roy Underhill, and Jeff Miller. Visit our website for more information.

Hand Tool Events®

Our local Hand Tool Events® give you the chance to try our full line of tools and learn techniques directly from our staff. Each year, we visit over 40 venues across North America and set up a full Lie-Nielsen shop for two days. We invite other hand toolmakers to join us and demonstrate their own tools at each Event, giving visitors exposure to many lesser-known fine tools on the market. There is no charge to attend. Our focus is to promote woodworking education, hands-on skill building, and a spirit of collaboration. Visit our website for the current schedule.

Bench Planes

These solid tools will give excellent results in the most demanding conditions.

Precisely made, fit and finished, all Lie-Nielsen planes are ready for use right out of the box with minimal honing required.

All of our Bench Planes have Manganese Bronze caps and frogs, and Cherry knobs and handles, hand shaped and buffed to a silky smooth finish.

The soles of our planes are machine ground flat and square to .0015" or better, regardless of length. The No. 2, 3, and 4 Bench Planes are available in both Iron and Bronze bodies.

Blades are cryogenically treated A2 tool steel, double tempered to Rockwell 60-62. Blades are shipped with a flat ground 25° bevel.

For longer edge life in abrasive or hard woods, increase the bevel angle up to 30° or 35°. This is quickly accomplished by honing a small secondary bevel.

(From left to right) Coarse, Medium, and Fine shavings

Form Follows Function

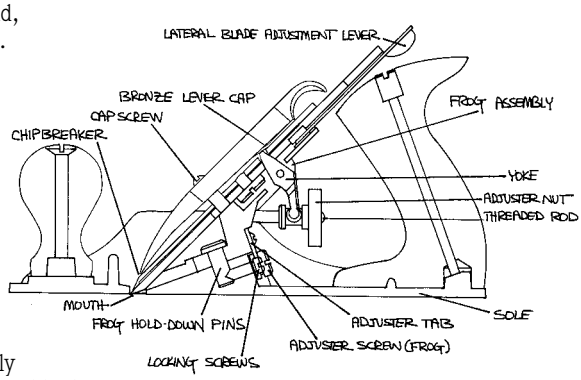
The mid-sized planes are best for roughing work. These include the No. 5¼, 5, 5½, 6, 10¼, 62, and 610.

The longest planes are designed for flattening. These include the No. 7, 8, and 7½.

The shortest, widest planes are ideal for finishing. These include the No. 1, 2, 3, 4, 4½, and 164.

Standard Bench Planes

We make all sizes that Stanley once did, from the tiny No. 1 to the huge No. 8. Each has its own charm, but personal preference plays a large part in choosing the right plane for a particular job.



Our Standard Bench Planes (except for the No. 1) are based on the Stanley Bedrock design, last produced in 1943. In their golden years, the Bedrocks were the top of the line. They featured a fully machined mating fit between the frog and body, and the ability to adjust the mouth opening from the rear without removing the cap and handle. Lie-Nielsen Bench Planes include these features as well as a Bronze cam lever cap, lateral adjustment, and spinwheel blade adjuster.

No. 1 Bench Plane

Based on the famous Stanley No. 1, this miniature Bench Plane handles like a block plane and is wonderfully suitable for fine detail work and final touches.

5½" long. Blade is 1⅜" wide x .110" thick.
Bronze body only, .4 lbs.

No. 1 Bench Plane $225.
Replacement Blade 35.

No. 2 Bench Plane

Based on the Stanley Bedrock design, this small smoother is useful where a light, compact, bench plane with a 45° pitch is more effective than a block plane.

7½" long. Blade is 1⅝" wide x .125" thick.
Bronze 3¼ lbs, Iron 3 lbs.

No. 2 Bench Plane, Bronze $275.
No. 2 Bench Plane, Iron 245.
Replacement Blade 35.

Improved Chipbreaker

Some time ago, we redesigned the traditional chipbreaker (shown rear right). We made them thicker, with ⅛" High Carbon Tool Steel, and created a .015" lip ground at a 1° angle, which provides excellent contact between the leading edge of the chipbreaker and the blade. Both improvements have been widely imitated by other toolmakers.

Corrugated Sole Option

A corrugated sole can make planing easier by reducing friction between plane and wood, especially when smoothing resinous woods. Corrugations are set 1/16" deep, ¼" apart, and ¼" from the mouth, sides, and ends of the sole. Available for all Bench Planes (except the 10¼ Bench Rabbet Plane) for an additional $50 per tool. Please specify corrugation when ordering.

No. 3 Bench Plane

The lighter weight and smaller size of this otherwise fully-fledged Smoother make it a popular tool for young apprentices, small work, and situations in which single-handed operation is necessary. The short body makes this an effective smoother for touching up local trouble spots.

9" long. Blade is 1¾" wide x .125" thick.
Bronze 4 lbs, Iron 3½ lbs.

No. 3 Bench Plane, Bronze	$325.
No. 3 Bench Plane, Iron	265.
Replacement Blade	40.
Toothed Blade	65.

No. 4 Smooth Plane

This is the standard-size smoothing plane. After other planes have done the prep work, it will take the finest shavings from the most difficult woods to leave you with a finished surface.

9½" long. Blade is 2" wide x .125" thick.
Bronze 4 ½ lbs, Iron 4 lbs.

Fine Woodworking's
"Best Overall Smoothing Plane"
- Tool Guide 2012 and 2013

No. 4 Smooth Plane, Bronze	$350.
No. 4 Bench Plane, Iron	300.
Replacement Blade (A2 or O1)	40.
Toothed Blade	65.

No. 4½ Smooth Plane

Solidly built, this is the ultimate smoothing plane. It is longer, wider, and heavier than the No. 4, and its extra thick blade eliminates the possibility of chatter.

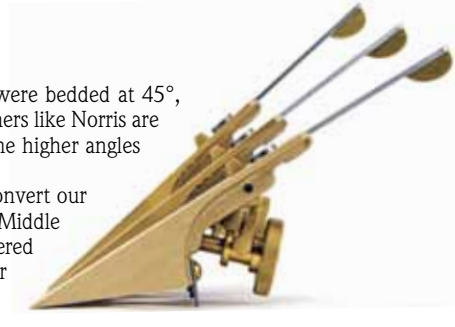
10⅜" long. Blade is 2⅜" wide x .140" thick.
Iron body only, 5 ½ lbs.

No. 4½ Smooth Plane	$325.
Replacement Blade (A2 or O1)	50.
Toothed Blade	75.

High Angle Frogs

Until now, all Stanley-type bench plane irons were bedded at 45°, or Common Pitch. But the famous English Smoothers like Norris are usually 50° (York Pitch) or 55° (Middle Pitch). The higher angles make smoothing difficult wood easier.

Our unique High Angle Frogs (HAF) quickly convert our No. 3 through No. 7 Bench Planes to York Pitch or Middle Pitch. Will not fit other makes of planes. May be ordered separately or installed in the tool (the 50° HAF for no additional charge, the 55° HAF for $10 more).



High Angle Frogs for 1¾", 2" or 2⅜" wide blades (Bench Planes No. 3 - 7):	50° HAF	$75.
	55° HAF	85.

(Above) Achieve ultimate flatness with a few passes of our No. 8 Jointer Plane.

No. 5¼ Junior Jack Plane

A smaller version of the No. 5, the Junior Jack Plane is ideal for those preferring a narrower, lighter weight jack plane. 11⅝" long. Blade is 1¾" wide x .125" thick. Iron body only, 4¼ lbs.

No. 5¼ Junior Jack Plane	$285.
Replacement Blade	40.
Toothed Blade	65.

No. 5 Jack Plane

Jack Planes excel at a large variety of tasks, such as removing milling marks or the scallops of a scrub plane. The No. 5 is built for hard work and will quickly flatten surfaces for the finer set planes to follow. 14" long. Blade is 2" wide x .125" thick. Iron body only, 5½ lbs.

No. 5 Jack Plane	$325.
Replacement Blade (A2 or O1)	40.
Toothed Blade	65.

No. 5½ Jack Plane

The heaviest of the Jack Planes, the No. 5½ is comfortable and superbly balanced. It is as wide as the No. 7 Jointer but only two-thirds the length. Ideal for truing wider boards. 14¾" long. Blade is 2⅜" wide x .140" thick. Iron body only, 7 lbs.

No. 5½ Bench Plane	$375.
Replacement Blade (A2 or O1)	50.
Toothed Blade	75.

No. 6 Fore Plane

Sized midway between a Jack and a Jointer, the No. 6 Fore Plane is designed to further true the surface after the Jack has sized it. Its length enables it to skim off high spots as it bridges low spots, delivering a leveled surface ready for the smoothing plane.
18" long. Blade is 2⅜" wide x .140" thick.
Iron body only, 7½ lbs.

No. 6 Fore Plane	$375.
Replacement Blade (A2 or O1)	50.
Toothed Blade	75.

No. 7 Jointer Plane

Our most popular jointer size, excellent for trueing and shooting accurate joints.
22" long. Blade is 2⅜" wide x .140" thick.
Iron body only, 8¼ lbs.

No. 7 Jointer Plane	$425.
Replacement Blade (A2 or O1)	50.
Toothed Blade	75.

"These planes are big time savers, I would have gone through 3 grits to get to this level. No dust mask, ear plugs, safety glasses, air cleaner, vacuum, or sander -- a pleasure just to listen to the plane in motion! Fantastic!"
- Fr. C., California

No. 8 Jointer Plane

The longest and heaviest of the bench planes, the No. 8 will flatten and true like no other. It is capable of precise joints and perfect flatness of large areas. 24" long. Blade is 2 ⅝" wide x .170" thick. Iron body only, 10 lbs. Awesome.

No. 8 Jointer Plane	$475.
Replacement Blade	55.

Bench Rabbet Plane

Also known as a Carriage Maker's or Jack Rabbet Plane, this is the largest rabbet plane made. Based on the Stanley 10¼, which went out of production in the mid-1940s, we modified the design to fit the Bedrock format. Adjustable side nickers make clean, cross-grain cuts. Both handle and knob can tilt left or right to give better access and control in tight corners. 12¾" long. Blade is 2⅛" wide x .130" thick. Iron body only, 5 lbs.

Bench Rabbet Plane	$375.
Replacement Blade	50.
Replacement Nicker	8.

Toothed Blade Options

We offer toothed blades for several of our planes. Toothed blades for Block and Bench Planes have small, chisel-like teeth that are .030" wide and spaced .030" apart. They are great for heavy stock removal in difficult grain before following with a blade honed for a high angle cut, between 33°-50°, especially effective in the Low Angle Jack.

Toothed blades for Scraping Planes have V-shaped teeth designed to prepare surfaces for veneering and for smoothing difficult grain woods.

Low Angle Bench Planes

Redesigned classics meet higher quality standards for the modern woodworker.

Then and Now:
(Left) The original Stanely 62 Low Angle Jack Plane compared to our much heftier Lie-Nielsen version (right).

Low angle planes are versatile, uncomplicated tools that will do a great job on both end and long grain. Lighter than conventional Bench Planes, these planes have a thicker blade and no chipbreaker, making them easier to set up. Instead of a separate frog, the plane body and blade support are a single casting. Mouth opening is easy to adjust. Bronze caps.

The bevel-up blade makes the cutting angle easy to adjust. A powerful technique for enhancing the performance of low angle planes is simply to hone an angle higher than 25° on the blade (for example, a 33° angle makes an effective cutting angle of 45°; a 38° angle equals a 50° cutting angle). This is easily done by honing a small secondary bevel - no need to alter the entire bevel. Higher cutting angles will give excellent results in difficult or highly figured woods.

Because of their simplicity, these are great tools for beginners.

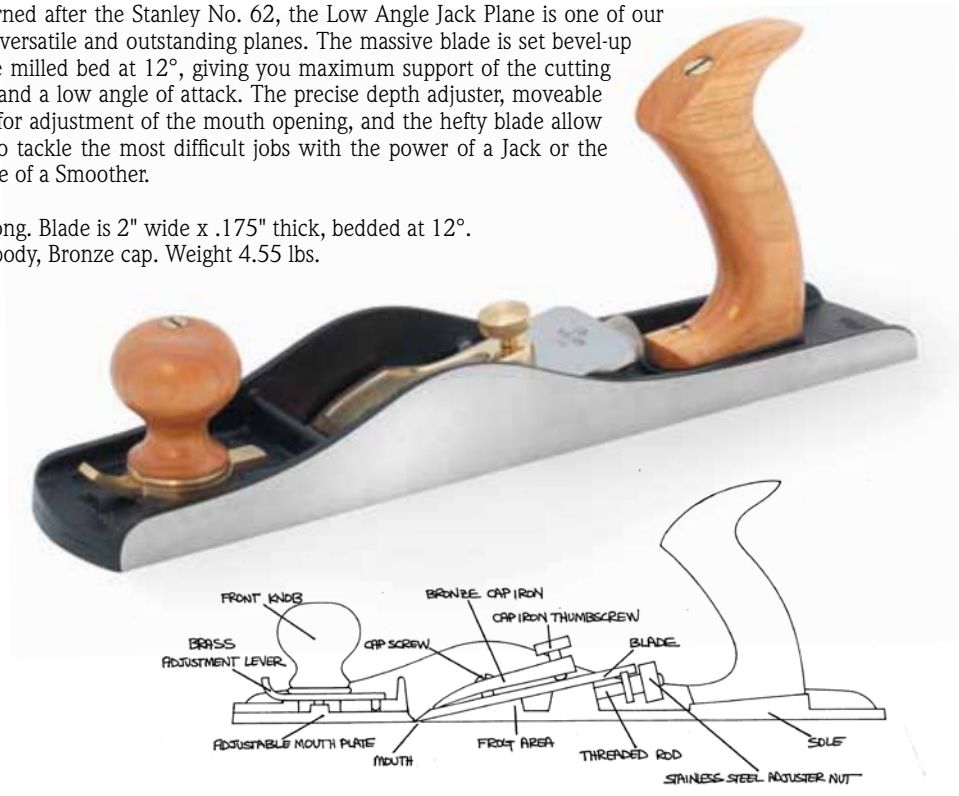
Surfacing Curly Maple with the No. 62 Low Angle Jack Plane:

First, use a toothed blade for heavy stock removal *(continued on p. 15).*

Low Angle Jack Plane

Patterned after the Stanley No. 62, the Low Angle Jack Plane is one of our most versatile and outstanding planes. The massive blade is set bevel-up in the milled bed at 12°, giving you maximum support of the cutting edge and a low angle of attack. The precise depth adjuster, moveable shoe for adjustment of the mouth opening, and the hefty blade allow you to tackle the most difficult jobs with the power of a Jack or the finesse of a Smoother.

14" long. Blade is 2" wide x .175" thick, bedded at 12°.
Iron body, Bronze cap. Weight 4.55 lbs.



No. 62 Low Angle Jack Plane	$245.
Replacement Blade (A2 or O1)	40.
Toothed Blade	65.
90° Scraper Blade	45.
Hot Dog Attachment	60.

Our optional 'Hot Dog' attaches to the side of the plane and makes shooting more comfortable. Powder-coated aluminum.

The trick to getting the most out of this plane is to have multiple blades honed to different angles for a variety of tasks.

For example: 25° for end grain work, 33° for smoothing, 38° for tackling wavy grain with less tear out, a Toothed Blade for aggressive removal of material with less effort, and a 90° Scraper Blade.

Low Angle Jack Plane Set $500.

This set offers everything you need for a variety of woodworking tasks, from heavy stock removal to scraping, smoothing, shooting and more. The set includes:

- Low Angle Jack Plane, Sock, & Hot Dog.
- Leather Blade Wallet with three additional blades: Toothed, 90° Scraper, and 50° Micro-beveled blade.
- Instructional DVD & Shooting Board Plans.

Second, use a 50° micro-beveled blade and medium mouth opening to remove toothing marks.

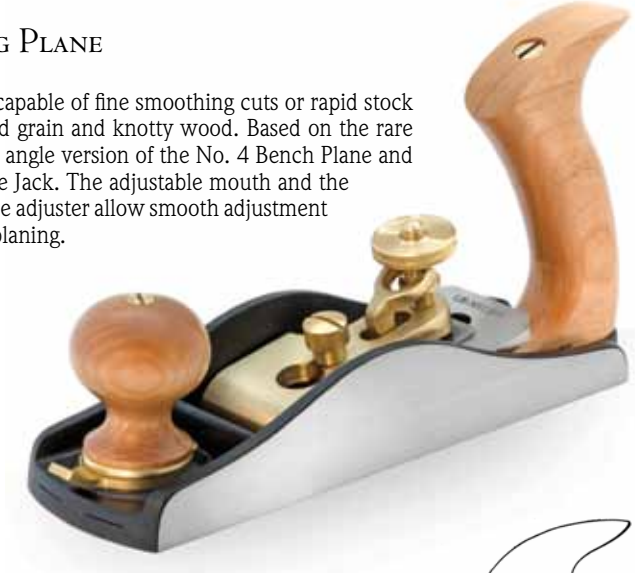
Last, a few passes with a finely-set blade and tight mouth will achieve a glass-smooth, ready to finish surface.

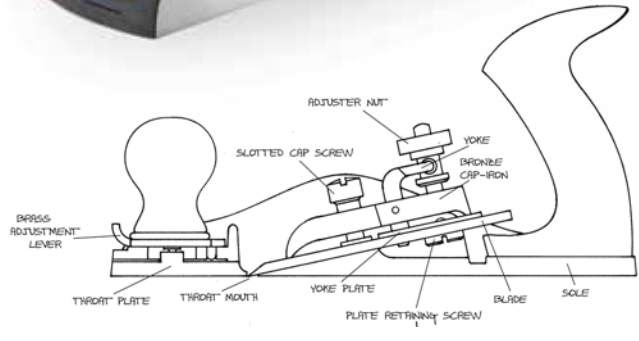
Low Angle Smoothing Plane

This compact, low-angle plane is capable of fine smoothing cuts or rapid stock removal and copes easily with end grain and knotty wood. Based on the rare Stanley 164, it is essentially a low angle version of the No. 4 Bench Plane and a shorter version of the Low Angle Jack. The adjustable mouth and the unique, overhead, Bailey-type blade adjuster allow smooth adjustment of the cutting depth, even while planing.

9½" long.
Blade is 2" wide x .187" thick, bedded at 12°.
Iron body, 3.75 lbs.

No. 164 Low Angle Smoothing Plane	$265.
Replacement Blade	40.
Toothed Blade	70.
90° Scraper Blade	45.





Fine Woodworking's "Reader's Choice" for Smoothing Planes - Tool Guide 2012 and 2013

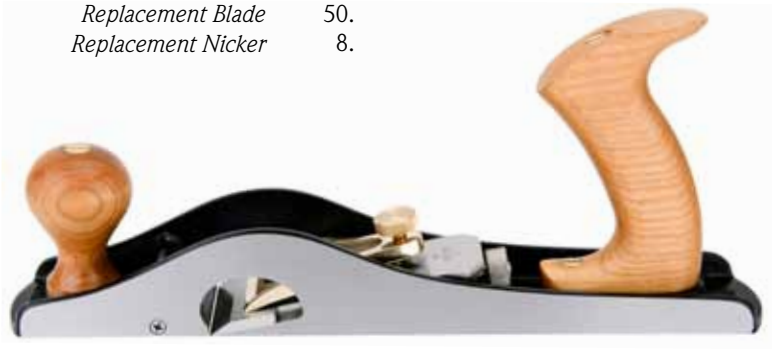
New!

Low Angle Jack Rabbet Plane

This plane is a Lie-Nielsen original. It is a combination of our Bench Rabbet Plane (but without the tilting knob and handle) and our Low Angle Jack Plane, giving you a full-width cutting blade in a convenient, low-angle format. Great for raising panels, making long rabbets, working into corners, and large-scale joinery.

12¾" long with a full-width, 2.085" wide x .187" thick A2 blade and cross-grain nickers. The blade is bedded at 12°. Weight is 3.65 lbs.

No. 610 Low Angle Jack Rabbet Plane	$245.
Replacement Blade	50.
Replacement Nicker	8.

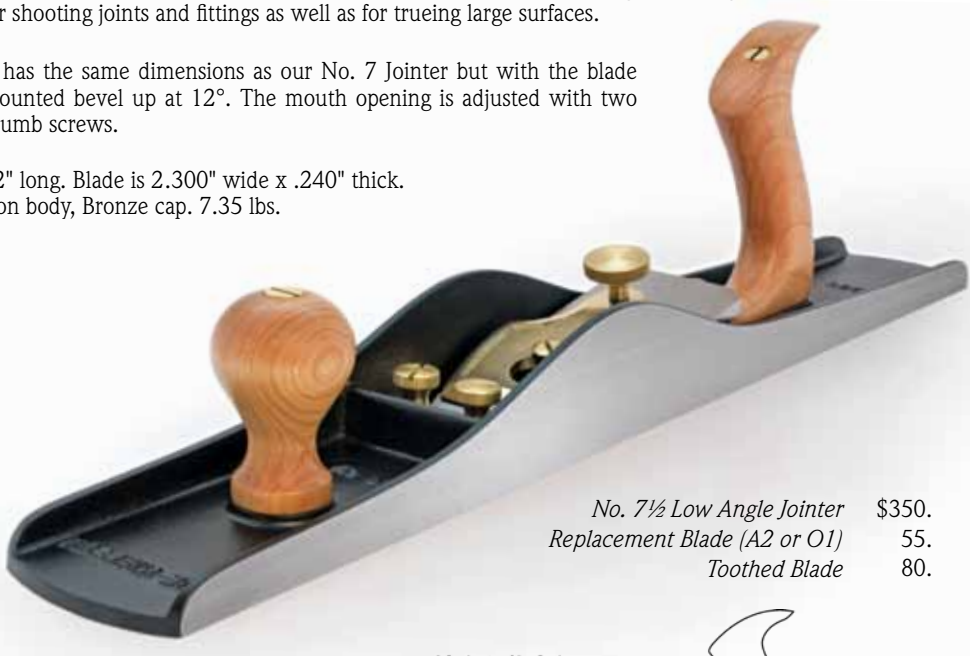


Low Angle Jointer

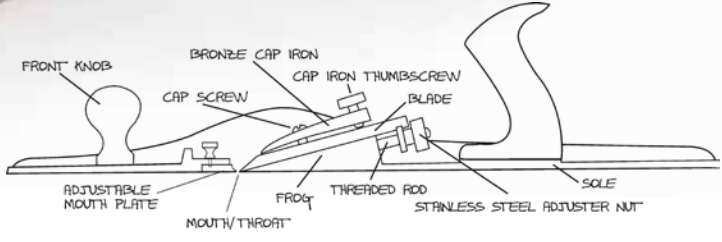
A powerful tool for heavy stock removal, the No. 7½ Low Angle Jointer combines the length of a jointer with the simplicity and flexibility of a block plane. The low-angle and long base make it ideal for shooting joints and fittings as well as for trueing large surfaces.

It has the same dimensions as our No. 7 Jointer but with the blade mounted bevel up at 12°. The mouth opening is adjusted with two thumb screws.

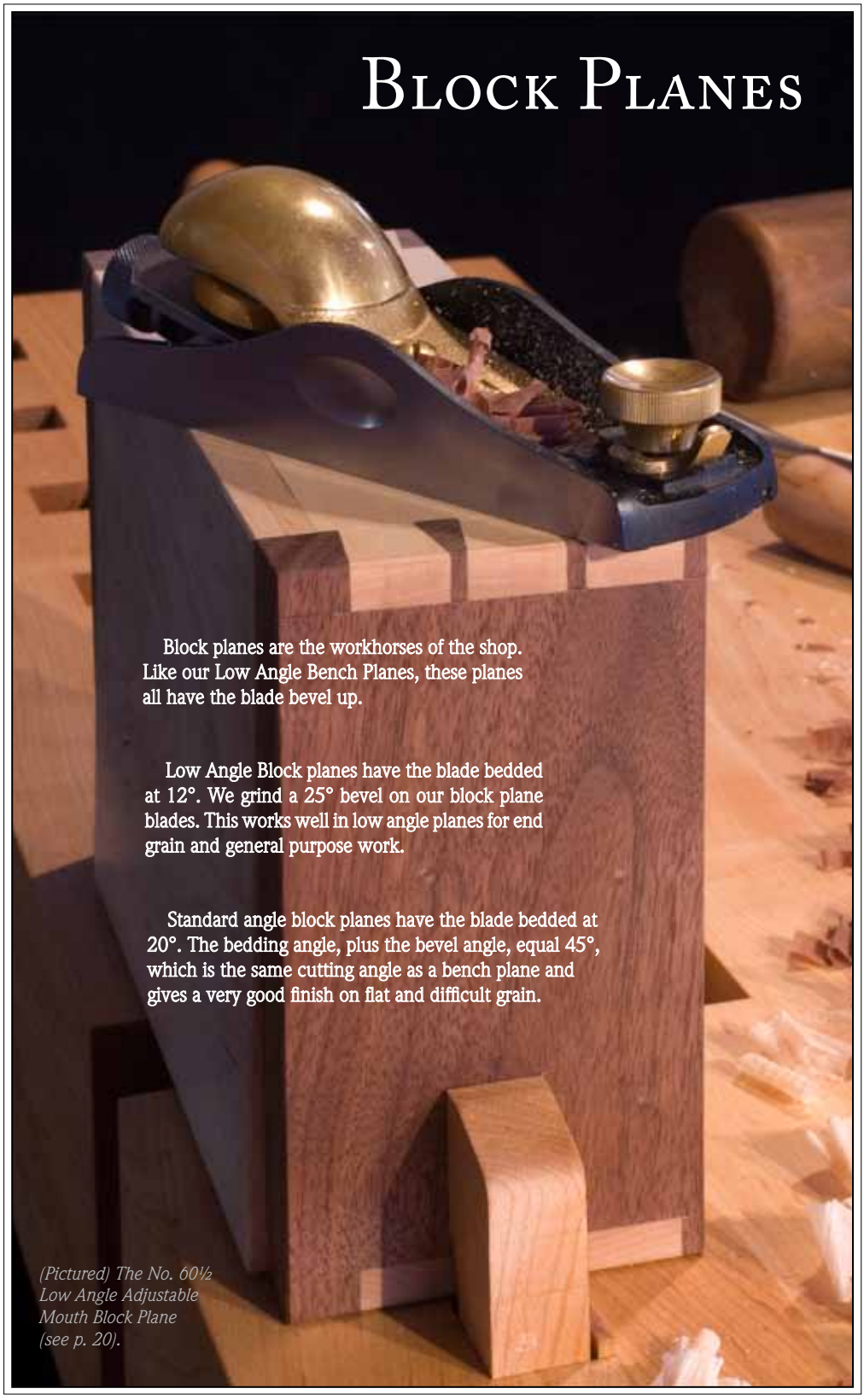
22" long. Blade is 2.300" wide x .240" thick.
Iron body, Bronze cap. 7.35 lbs.



No. 7½ Low Angle Jointer	$350.
Replacement Blade (A2 or O1)	55.
Toothed Blade	80.



Block Planes



Block planes are the workhorses of the shop. Like our Low Angle Bench Planes, these planes all have the blade bevel up.

Low Angle Block planes have the blade bedded at 12°. We grind a 25° bevel on our block plane blades. This works well in low angle planes for end grain and general purpose work.

Standard angle block planes have the blade bedded at 20°. The bedding angle, plus the bevel angle, equal 45°, which is the same cutting angle as a bench plane and gives a very good finish on flat and difficult grain.

(Pictured) The No. 60½ Low Angle Adjustable Mouth Block Plane *(see p. 20).*

Higher cutting angles will give excellent results in difficult or highly figured woods. A powerful technique for enhancing the performance of low angle planes is simply to hone an angle higher than 25° on the blade. For example, a 33° bevel makes an effective cutting angle of 45° and a 38° bevel equals a 50° cutting angle. This is easily done by honing a small secondary bevel - no need to alter the entire bevel. Refer to the video link in our sharpening section (p. 63) for more information.

Model Maker's & Convex Sole Block Planes

These delightful, small tools fit snugly in the palm of your hand. They are miniature workhorses - ideal for all sorts of chamfering and trimming jobs.

Both planes have soles 1¼" wide x 3½" long. Overall length, including the squirrel-tail handle, is 4⅞". Blades are ⅞" wide x ⅛" thick A2 steel. Ductile Iron bodies, Bronze caps.

The No. 100 Model Maker's Block Plane (shown left) has the blade bedded at 12°. Weighs 8 oz.

No. 100 Model Maker's Block Plane	$75.
Replacement Blade	23.
Toothed Blade	50.

The No. 100½ Convex Sole Block Plane (shown right) is perfect for all sorts of hollowing jobs like chair seats, moldings, or model making.

The sole has a convex radius of 3" in the width and 27" in the length. Blade is ground to a ⅞" radius and bedded at 20°. Weighs 8.8 oz.

No. 100½ Convex Sole Block Plane	$95.
Replacement Blade	30.
Toothed Blade	55.

New! Violin Maker's Plane

Our new Violin Maker's Block Plane is perfect for detail-oriented jobs like instrument building or model making. Loosely based on the Stanely No. 101, it is the smallest of our hand planes to feature a captive nut blade adjuster for precisely controlled depth of cut. Body and cap are made from Manganese Bronze for extra weight, durability, and resistance to rust.

The body is 3 7/16" long x 1 3/16" wide x 1 5/8" tall. Blade is ⅞" wide x ⅛" thick A2 steel, bedded at 20°. Weight is .50 lbs.

No. 101 Violin Maker's Plane	$95.
Replacement Blade	30.
Toothed Blade	55.

(Above) Center for Furniture Craftsmanship fellow, Monica Raymond, uses the Violin Maker's Plane for detailed trimming work on her model.

(Photo courtesy of guitar-maker, Tom Bills)

Small Block Planes

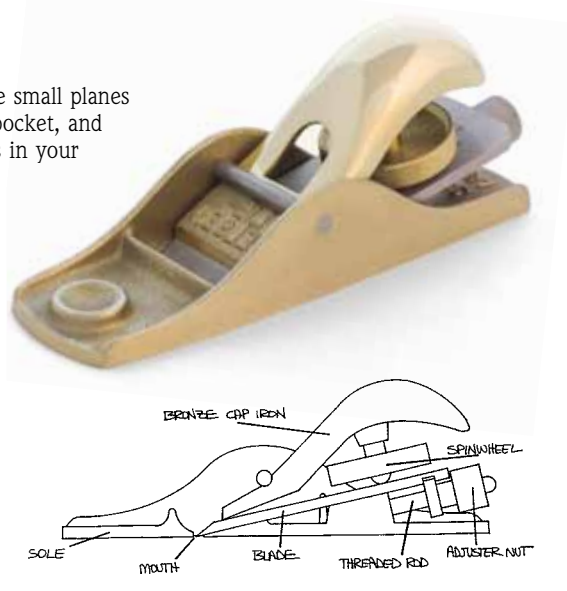
Based on the Stanely No. 102 and 103, these small planes fit perfectly in the hand, slip easily into the pocket, and are destined to become the most useful tools in your workshop.

The blade is ⅛" thick for chatter-free cuts and the unobstrusive Stainless Steel adjuster offers blade control of micrometer ease and precision with minimum backlash.

5¼" long. Blade is 1¼" wide x ⅛" thick.

The blade in the No. 102 Low Angle Block Plane is bedded at 12° for fine cuts and end grain. Bronze body, 15.2 oz. Iron body, 14.4 oz.

The blade in the No. 103 Standard Angle Block Plane is bedded at 20° for heavier cuts with the grain. Bronze body only, 1.0 lbs.



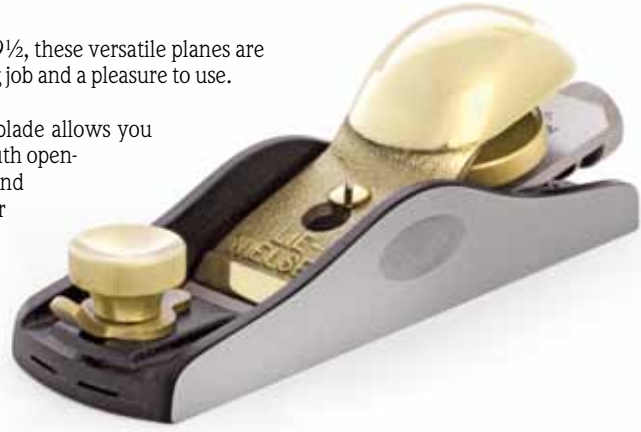
No. 102 Low Angle Block Plane, Iron	$95.
No. 102 Low Angle Block Plane, Bronze	115.
No. 103 Standard Angle Block Plane, Bronze	125.
Replacement Blade (A2 or O1)	30.
Toothed Blade	55.
Leather Holster	35.

(Left) A boat-building instructor with The Compass Project shapes an oar with her Bronze Low Angle Block Plane.

The No. 102 Bronze rated "Best Overall Block Plane" & "Best Value Block Plane" - Fine Woodworking Tool Guide (2012 and 2013)

Adjustable Mouth Block Planes

Based on the Stanley No. 60½ and 9½, these versatile planes are useful for every sort of woodworking job and a pleasure to use.



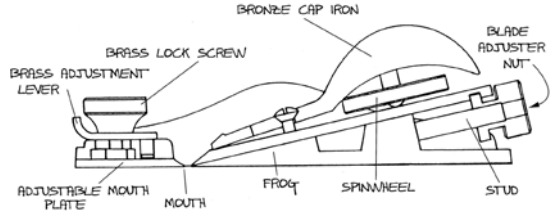
The moveable shoe in front of the blade allows you to easily and precisely adjust the mouth opening: fine mouth for finishing work and thin shavings, or ample opening for rank cuts.

Ductile Iron body is surface ground flat and square to a tolerance of .001" or better. Large, comfortable Bronze cap is tensioned with a 1½" Brass spinwheel. Like our other block planes, the blade is adjusted with a captive nut for precise control with minimal backlash.

6¼" long. Blade is 1⅜" wide x ⅛" thick.

The blade in the low angle version (No. 60½) is bedded at 12° for fine cuts and end grain. Weight 1.5 lbs.

The blade in the standard angle version (No. 9½) is bedded at 20° for heavier cuts with the grain. Weight 1.7 lbs.



No. 9½ Standard Angle Adjustable Mouth Block Plane	$175.
No. 60½ Low Angle Adjustable Mouth Block Plane	165.
Leather Holster for No. 60½	40.
Replacement Blade (A2 or O1 Steel)	35.
Toothed Blade	55.
90° Scraper Blade	40.

The No. 60½ rated "Best Overall Block Plane" - Fine Woodworking Tool Guide (2009, 2010, 2012, and 2013)

Fly Rod Maker's Groove

Both Adjustable Mouth Block Planes are available with the optional Rod Maker's Groove for an additional $35.

This groove is ground 1" wide and .003" deep into the sole of the plane, making it the perfect companion tool to a rod maker's form.

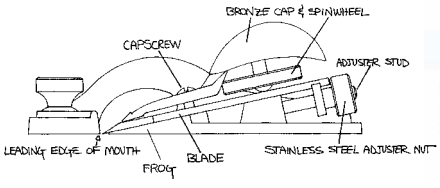
Also available for the Small Scraping Plane (see page 22).

Rabbet Block Plane

Ideal for cutting small rabbets or trimming tenons to fit. Based on the Sargent No. 507, this low angle, fixed mouth, block plane has open sides with a blade that extends the full width of the body.

When set to cut, two circular A2 nickers protrude .010" on both sides for scoring cross-grain cuts. The low angle of 12° also makes it an excellent choice for end grain.

6¼" long. Blade is 1¾" wide x ⅛" thick.
Bronze cap, Iron body, 1.65 lbs.



No. 60½ Rabbet Block Plane with Nickers	$175.
Replacement Blade	40.
Replacement Nicker	8.

Skew Block Plane

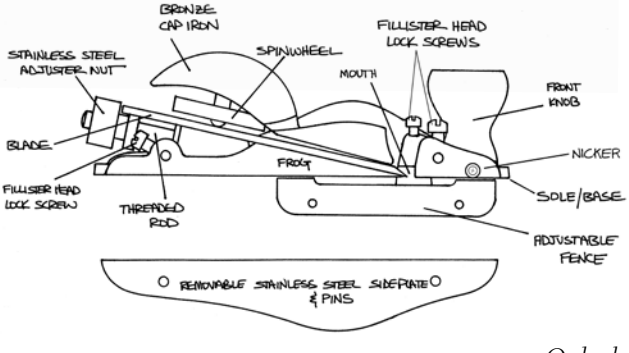
Based on the long unavailable Stanley 140, this multi-talented tool is designed to deal with difficult woods using a combination of a low angle approach, shear cutting action from the skewed and tilted blade, and extra weight of the bronze body.

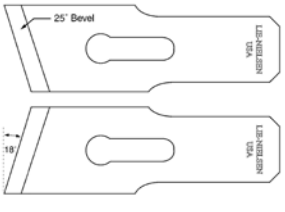
A retractable nicker scores cross-grain fibers, and the removable side plate and adjustable fence allow quick conversion to rabbeting and cross-grain work, such as fielding raised panels.

The 1½" wide x ⅛" thick blade has an 18° skew and is bedded at 12° with a captive nut for positive and accurate adjusting. Body is 6⅞" long x 1⅞" wide. Bronze 2.15 lbs., Iron 2.05 lbs.

Because of the skew, there are times when the tool will be cutting against the grain in a rabbet. For this reason, we offer both right and left-hand versions.

Skew Block Plane, Bronze (Right or Left-hand)	$225.
Skew Block Plane, Iron (Right or Left-hand)	195.
Replacement Blade (Right or Left-hand)	40.
Replacement Nicker	8.



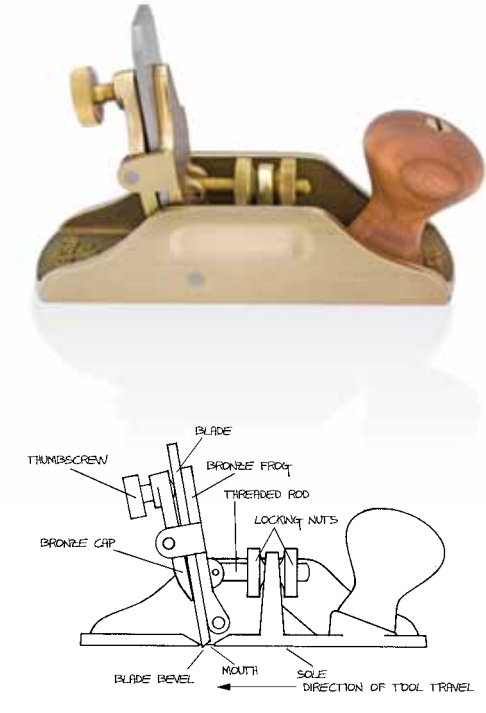


Scraping Planes

A planed finish is always preferable to a scraped finish, but scraping planes are used for finishing woods that do not yield well to the hand plane. A scraping plane is more comfortable to use than a hand scraper, and the plane body helps you keep the surface you are scraping flat.

They can be tricky to master, however. To make it easier, we do not recommend using a burr, at least until you've learned how to use the tool. These tools will cut very well with the blade sharpened like a plane blade.

All of our Scraping Planes have thick blades, beveled at 45° for easy sharpening. The blades are soft enough to burnish, but hard enough to hold an edge well. Sharp, set properly, and used with smooth, light strokes, these tools will produce a final finished surface on the most difficult hardwoods.



Small Scraping Plane

This unusual plane is based on the now scarce Stanley No. 212, which was discontinued in 1934 and brings high prices from today's collectors. We are pleased to make it available for woodworkers once again.

The almost perpendicular blade makes it ideal for small scraping jobs, producing shavings like the finest lace and leaving smooth surfaces with crisp edges. The blade angle can be adjusted from 75° to 100°, enabling it to be set up just right for the particular wood being worked.

It is a favorite among fly rod makers for thicknessing bamboo fly rod sections. We offer an optional Fly Rod Maker's Groove, ground 1" wide x .003" deep into the sole of the plane, making it the perfect companion tool to a rod maker's form.

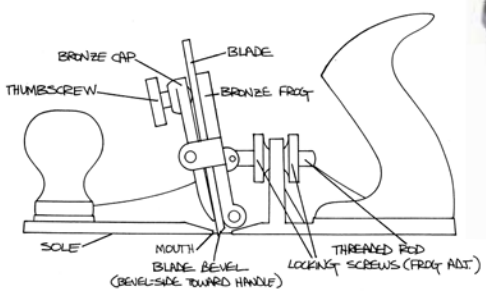
5½" long x 1¾" wide.
Blade is 1⅜" wide x ⅛" thick.
Bronze body, 1.60 lbs. Iron body, 1.45 lbs.

No. 212 Small Scraping Plane, Bronze	$175.
No. 212 Small Scraping Plane, Iron	160.
Bronze or Iron with Fly Rod Groove	add 35.
Replacement Blade	25.
Toothed Blade (18 TPI or 25 TPI)	45.

Large Scraping Plane

An excellent tool for putting the final finish on large surfaces, especially when using woods that are difficult to finish with a Smoothing Plane. Our Large Scraping Plane is based on the Stanley No. 112, which was in production from 1885 to 1944. The blade, beveled at 60°, can be precisely adjusted to take the finest of shavings. The sole is ground dead flat.

9½" long x 3¼" wide. Blade is 2⅞" wide x .140" thick. Iron body only, 4 lbs.



No. 112 Large Scraping Plane	$235.
Replacement Blade	40.
Toothed Blade (18 TPI or 25 TPI)	65.

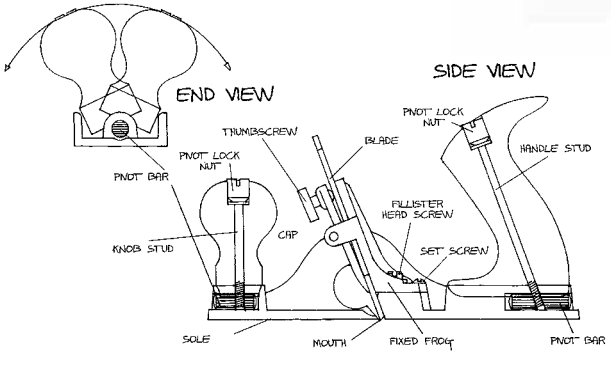
Toothed Blade Options

Toothed Blades for Scraping Planes have V-shaped teeth for working exceptionally difficult grains or preparing surfaces prior to veneering without compromising flatness. Available in coarse, with 18 tpi, and fine, with 25 tpi.

Cabinet Maker's Scraper

This elegant Scraping Plane, comfortably sized between our large and small Scraping Planes, is based on the Stanley No. 85. The blade extends the full width of the base and allows you to work right into a corner, such as a fielded panel. The tilting knob and handle offer clearance for your knuckles when scraping inside a box or on a wide, deep rabbet.

No. 85 Cabinet Maker's Scraper	$215.
Replacement Blade	40.
Toothed Blade (18 TPI or 25 TPI)	55.



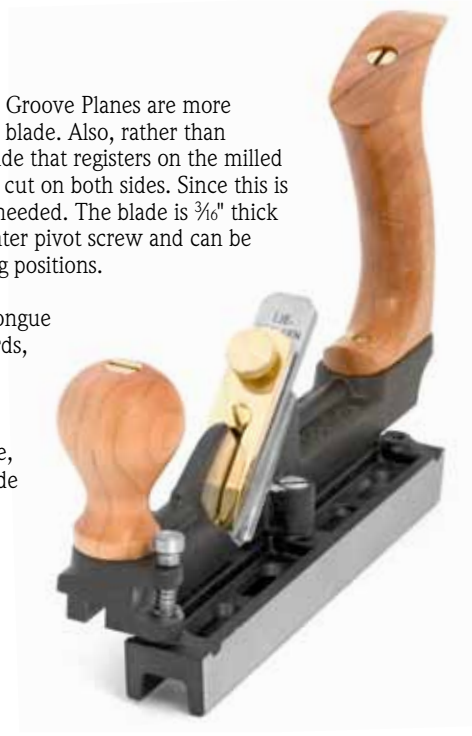
This is the easiest scraping plane for a beginner to use, since the blade is bedded directly against the body and greatly reduces any tendency to chatter. Non-adjustable blade angle, Bronze frog and cap.

8⅜" long x 2" wide. Blade is 2" wide x ⅛" thick. Iron body only, 3 lbs.

Joinery Planes

The Tongue and Groove Plane cuts a groove with one side of the forked blade exposed. Swing the fence to expose both sides of the blade to cut the tongue.

Tongue & Groove Planes



Based on the Stanley No. 48 and 49, our Tongue and Groove Planes are more heavily built for sound performance with a very thick blade. Also, rather than having two separate blades, ours is a single forked blade that registers on the milled body casting to ensure squareness and equal depth of cut on both sides. Since this is a heavy stock removal tool, no fine depth adjuster is needed. The blade is 3⁄16" thick O1 steel. The fence is attached to the base with a center pivot screw and can be rotated and locked in tongue-cutting or groove-cutting positions.

The No. 48 centers on ¾" stock, leaving a ¼" wide tongue and .3125" deep grooves. On narrower or wider boards, the tongue will be offset from center, but still hidden within the joint. 2.90 lbs.

The No. 49, a companion Tongue and Groove Plane, is made to center on ½" stock. It will cut a .166" wide tongue and .230" deep grooves. 2.35 lbs.

No. 48 or 49 Tongue & Groove Plane $195.
No. 48 or 49 Replacement Blade 40.

Bronze Edge Planes

Our first tool, this plane is an adaptation of the Stanley No. 95. It has an integral 90° fence, making its primary use squaring the edges of stock. With appropriate angle blocks, it can produce various angles or widen dadoes and rabbets to depth.

The fence, coupled with a low-angle skewed blade, makes these jobs simple and precise, working either with or across the grain or on plywoods. This plane also makes an effective small jointer when used with a straightedge clamped to the work.

The body is cast Manganese Bronze, a hard and durable alloy, that gives welcome heft to this small plane. Each tool is polished to a mirror finish. The lever adjustment moves the blade with almost zero backlash, making adjustment positive and exceptionally smooth. Available in a left and right-hand version, for occasions when you need to approach the wood grain from the opposite direction.

5¾" long. Blades are
1.105" wide x ⅛" thick.
1.30 lbs. each.

Bronze Edge Plane (Right or Left-hand) $150.
Replacement Blade 30.

Shoulder Planes

These elegant shoulder planes are vital tools for trimming and improving cut joints, particularly shoulders, rabbets, tenons, and grooves.

Our all-metal Shoulder Planes are based on models made by Record, which were in turn based on Preston designs from the late 19th century. We brought these planes back into production with several design improvements.

The Bronze lever cap is higher for better grip and closer to the blade bevel for better support. The mouth geometry allows for better chip clearance, while the adjustable mouth and locking screws are large and convenient. The mouth adjustment screw is captured in the front shoe and threaded into the body so it adjusts the mouth both when turned in and turned out. The blade is much harder and thicker, and the captive-nut blade adjustment is very positive.

Bodies are cast from Ductile Iron, precisely ground flat and square - an essential feature for a shoulder plane. Blades are A2 Tool Steel, hardened to Rockwell 60-62, cryogenically treated and double tempered to hold a very fine edge for a long time. Blades are bedded at 18°, beveled at 25°, and .005" wider than the body to ensure crisp, 90° cuts.

Small Shoulder Plane

The smallest of the Preston style shoulder planes, great for detail work. With an adjustable mouth like its larger siblings, this tool is just right for trimming and fitting small tenons, dadoes and rabbets. Body is 5¾" long x ⅝" wide. Blade is ⅝" x .140" thick. Weight 1.35 lbs.

No. 041 Small Shoulder Plane	$165.
Replacement Blade	35.

Medium Shoulder Plane

About half the width and weight of the Large Shoulder Plane, the medium size is well suited for lighter work. Excellent size for furniture joinery. Body is 7¾" long x ¾" wide. Blade is ¾" x .140" thick. Weight 2.35 lbs.

No. 042 Medium Shoulder Plane	$195.
Replacement Blade	35.

(Left) Woodworker Jim Bailey uses the No. 42 Medium Shoulder Plane to trim a rabbet.

Large Shoulder Plane

A versatile, general purpose Shoulder Plane with nice heft. This is the best size to start with. Body is 8¼" long x 1¼" wide. Blade is 1¼" wide x .140" thick. Weight 4 lbs.

No. 073 Large Shoulder Plane	$250.
Replacement Blade	40.

Bronze Shoulder Plane

This small Shoulder Plane, modeled after a traditional wood-filled English Shoulder Plane, is intended for delicate work and very thin shavings. Built with a fine set mouth, it is particularly useful as a trimming tool, to fit shoulders, rabbets, and dadoes.

5½" long x ½" wide. Blade is ½" wide x 1/8" thick, bedded bevel-up at 15°, secured with a Cocobolo wedge. Made to take a maximum shaving of .005". Bronze body with Cocobolo infill, .50 lbs..

No. ½ Bronze Shoulder Plane	$199.
Replacement Blade	35.

Rabbet Planes vs. Shoulder Planes

A Rabbet Plane, typically a tool with a full handle, is used to create rabbets out of solid wood and is meant to be able to make heavy cuts with the grain. Rabbet planes usually have the blade bevel down.

A Shoulder Plane, with sides ground square to the sole, is used mostly on the side to trim the shoulder of a tenon across the grain. The blade is bevel up.

Side Rabbet Plane Pair

Based on the Stanley No. 98 and 99, our Side Rabbet Planes are the perfect answer to trimming and widening rabbets, dadoes, and all kinds of hard-to-reach recesses and corners. Superbly crafted in Bronze with polished Cherry knobs. The low angle A2 blades produce excellent cuts on both end and long grain. Adjustable depth stops control depth and help steady the tool to the work. The front shoe can be reversed to create a bullnose or removed completely to allow access into tight corners.

Rather than combining two blades in one tool, we offer a matched pair, one left and one right, so you can choose the one best suited to grain direction and type of cut.

4½" long x 2" high, will fit into a 3/16" groove at full depth. Width of cut is ½". Weight is .50 lbs. each.

Side Rabbet Plane Set	$225.
No. 98 or 99 Replacement Blade	35 ea.

Router Planes

Router Planes are essential for any work that requires precise depth cuts, such as mortises, tenons, hinge gains, inlay, door locks, and the like. Our Router Planes are loosely based on Stanley models, which were derived from the traditional, wood-bodied routers often referred to as the old woman's tooth.

Our Router Planes have square blades, held solidly in square broached holes. This prevents the blade from slipping or twisting when removing large shavings or during diagonal use. The blade can be mounted to face the back of the plane to work closer into corners.

We now make both open and closed throat versions of our small and large Router Planes. The open throat design offers more visibility in front of the tool, which is especially useful for inlay work. The closed throat design gives more support in front of the blade, making it ideal for working on the edges of boards or cleaning out the end of a stopped groove in a rail or stile.

Ductile Iron bodies, Brass fittings, O1 blades. Blades will not fit original Stanelys.

Large Router Planes

Our Large Router Planes are loosely based on the Stanely No. 71 and feature an improved Brass depth stop and Stainless Steel blade adjuster for precise control of cutting depth. The included fence can be mounted on either side of the blade and flipped around for straight or curved cuts.

Large Open Throat Router Plane

8¼" long x 3½" wide x 3¾" tall. O1 blade with a ⅜" square tip. Cherry knobs. Iron body, 1.65 lbs. Patent pending.

New!

Large Closed Throat Router Plane

Optional Blade Adapter for using small inlay blades in the Large Router Plane.

No. 71 Large Router Plane (Open or Closed Throat)	$140.
Blade Adapter	40.
Replacement Blade	35.

Small Router Planes

Loosely based on the Stanley No. 271, these small Router Planes are perfect for shallow mortise and small relief work. The compact design makes it easy to guide along narrow edges and fit into tight spaces.
4" long x 2" wide. O1 blade with ¼" wide square tip. Iron body, .55 lbs.

Small Open Throat Router Plane

For inlay work, we offer an optional 3/32" square tipped blade and ¼" and 3/32" pointed blades.

New!
Small Closed Throat Router Plane

No. 271 Small Router Plane (Open or Closed Throat)	$80.
Replacement Blade	25.
¼" Pointed Blade	35.
3/32" Pointed Blade	35.
3/32" Square Tipped Blade	35.

Iron Miter Plane

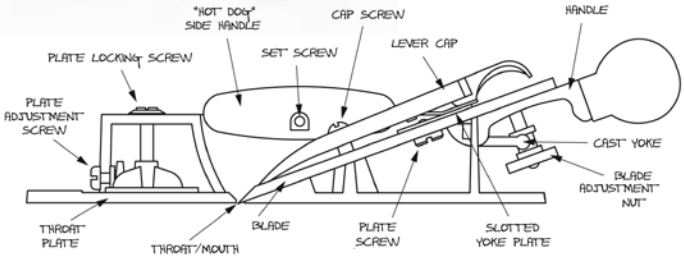
The Iron Miter Plane is based on Stanley's No. 9, discontinued in 1943. Original tools are rare and very expensive. The style is well known from 19th-century European and especially English tools, going back to some of the very first planes made in Western Europe since Roman times.

Weight and solidity make this plane ideal for many planing jobs on straight and end grain. Its boxy construction is designed specifically for the tool to be used on its side, with or without a shooting board, to shoot lengths, right angles, and of course, miters (visit our website to download plans for making your own shooting board). The included "Hot Dog" attachment is a tubular aluminum handle designed for comfort in shooting board applications. It is compatible with original No.9 Stanley Miter Planes.

The 2" x .170" thick blade is set in the tool bevel up at 20° with a 25° bevel, making this a very large block plane, with an included cutting angle of 45°. The Bailey-type adjuster controls the blade easily and precisely, even while planing. The mouth is fully adjustable. Sides and bottom are machine ground dead flat and square to .001". Ductile Iron, Manganese Bronze, Cherry and Tool Steel construction. Weight 5.40 lbs.

No. 9 Iron Miter Plane	$375.
Replacement Blade (A2 or O1)	45.
Replacement "Hot Dog"	60.

(Check out the DVD, "Precision Shooting Simplified" with David Charlesworth on p. 68)



"This was the best shooting experience I've had!" - Christopher Schwarz, Lost Art Press

New!

No. 51 Shoot Board Plane

This single purpose plane is designed to trim miters and other end grain cuts on a shooting board. The skewed cut is exceptionally effective.

Stanley first made its version in 1909. We redesigned the body casting to utilize our standard 2⅜" Bench Plane Blade and Frog with the Bedrock adjustment. It is heavier than the original at just over 9 pounds. 15" long x 3 9/16" wide, shoulder height of 2⅛".

Will fit the original Stanley 52 Chute Board.
We plan to offer a companion Shooting Board in the future.

No. 51 Shoot Board Plane	$500.
Replacement Blade (A2 or O1)	50.

Special Purpose Planes

Scrub Plane

A scrub plane is designed to quickly remove large quantities of wood. Based on the Stanley 40½, the open throat and curved blade allow you to take deep cuts with ease. Our Scrub Plane can quickly thickness rough sawn boards or cut stock to width before following with a Jack or Smoothing Plane.

It's a great tool for shaping irregular objects, backing out molding to fit irregular walls, or producing a scalloped surface that can be left as is for an interesting textured feature to your work.

10¼" long. Blade is 1.450" wide x 3⁄16" thick with a 3" radius.
Iron body, 2.40 lbs.

No. 40½ Scrub Plane	$165.
Replacement Blade	35.

Butt Mortise Plane

Our Butt Mortise Plane will help you cut neat, precise mortises for hinges, lock fronts, and strike plates in a fraction of the time it takes to set up an electric router and template.

Based on an original 1948 design by W. A. Dohmeyer, this tool does a job no other plane can do. The elongated slot in front of the blade provides a clear view of the work. It is easy to use to make precise mortises with sharply square corners to an accurate, uniform depth. Useful for mortising dutchmen to repair flaws in jambs, furniture, and doors.

9⅝" long x 1½" wide. Blade is .875" wide by .115" thick. Iron body, 1.70 lbs.

No. 40B Butt Mortise Plane $110.
Replacement Blade 25.

Chisel Plane

A Chisel Plane can accomplish tasks impossible for normal planes. Because it lacks support in front of the blade, a Chisel Plane does not function like a typical plane but rather more like a paring chisel with very precise depth control. It makes a wonderful clean up tool, excellent at removing dry glue, flush-trimming plugs or joints, smoothing rabbets, and reaching into right-angle corners.

Our Small Chisel Plane is a very handy half-sized version of the original Stanley No. 97. Bronze body and cap, Cherry knob, Stainless Steel blade adjuster with hefty 3/16" blade.

6½" long x 1¾" wide. Blade is 1¾" wide x 3/16" thick. Weight is 2.35 lbs.

No. 97½ Small Chisel Plane $140.
Replacement Blade 40.

Bronze Beading Tool

This Bronze Beading Tool can quickly produce a wide range of decorative profiles without the fuss and fiddle of setting up an electric router.

Derived from an early, generously proportioned Stanley No. 66, it has a polished cast Bronze body and Brass blade clamp. Two fences are included, one for curved work and one for straight work, and can be adjusted along the slot across the bottom of the tool.

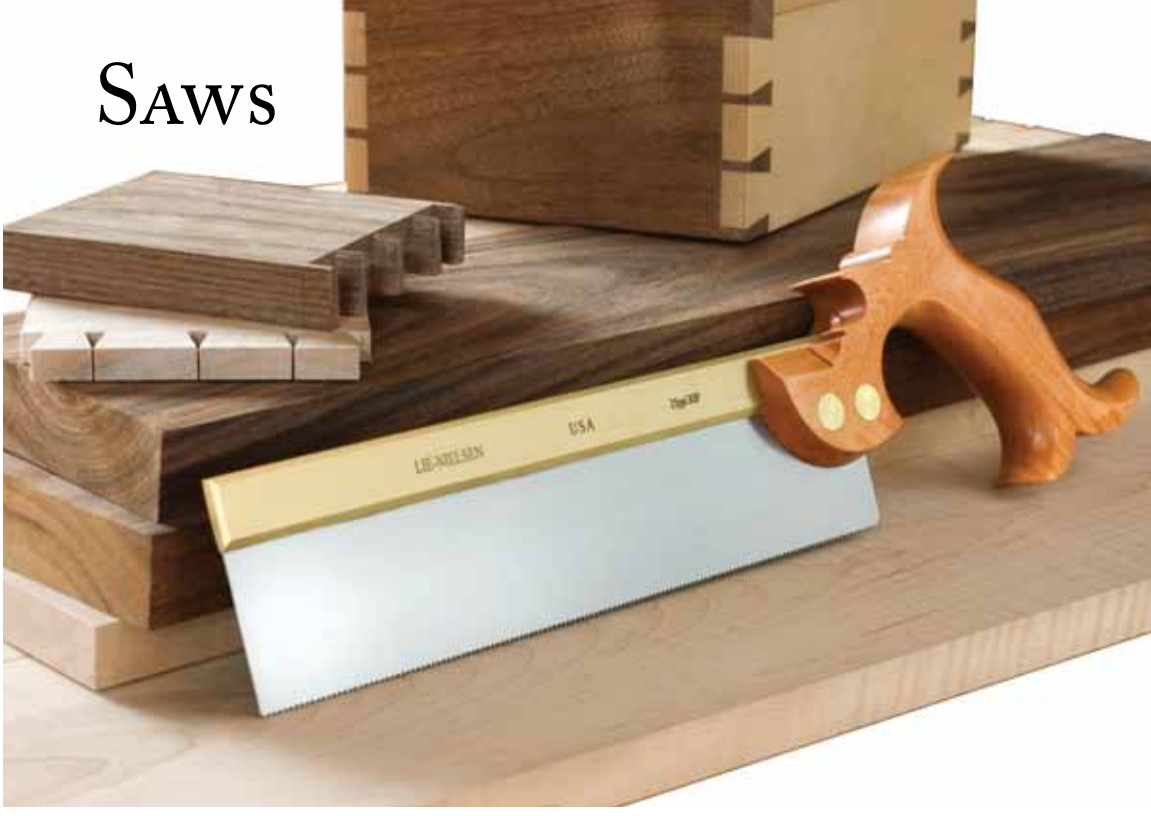
The Beading Tool comes with a double-ended ⅛" and ¼" router blade and seven double-ended blades with 14 different profiles for beading, reeding, and fluting. Also included are two blank blades that can be worked with files to make your own shapes, which makes quick work of reproducing small pieces of molding for repair or restoration.

Blades are ⅝" wide x .060" thick and made from hardened, A2 Tool Steel.
Will also fit the antique Stanley No. 66.

No. 66 Beading Tool with Blades	$175.
Blade Set Only	56.
Set of 5 Blanks	8.

(Left) Beading blade profiles, shown actual size.

Saws



Our Saws are exceptionally accurate, beautiful, and perfectly set for the jobs for which they are designed.

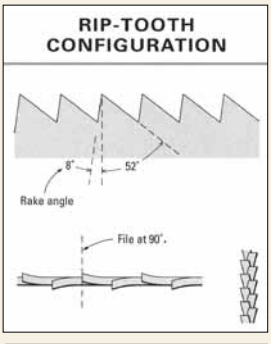
Saw blades are made from polished Swedish Steel and tempered to Rockwell 52 for durability and ease of sharpening. We take care to make sure our saw blades are properly sharpened and accurately set. Saw teeth have a minimum set that prevents binding while ensuring straight cuts. Solid, precision-milled Brass backs stiffen the blade and add weight for well-balanced, smooth cutting. We carefully hand shape and finish each Curly Maple handle for a comfortable, silky-smooth grip.

Each Lie-Nielsen Saw is precision hand-filed, set, and test cut in hardwood before it leaves our shop.

Understanding Hand Saw Design

Tooth Profile

Saw teeth are filed for specific types of cuts: crosscut profile for cutting across the grain, rip profile for cutting with the grain. We offer both configurations for all our saws.



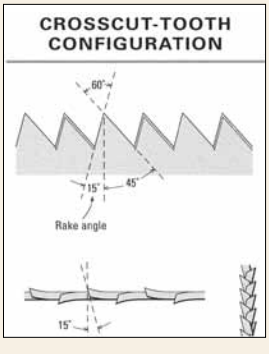
Tooth Set

Saw teeth are set a certain amount on either side of the blade to prevent binding. Too much set makes it harder to saw accurately to a line.

Our saw teeth are set on each side at .003" for Dovetail Saws, .004" for Tenon Saws, and .005" for Panel Saws, which is just enough.

Points per Inch

The number of tooth points per inch (ppi) along the saw blade determines the aggressiveness and finish of the cut and typically ranges from 7ppi, for coarse cuts, to 16ppi, for very fine cuts.



Blade Thickness & Kerf

We precision-grind our saw plates from .015" to .032" thick, depending on the saw. Thin plate versions of our Dovetail and Tenon Saws are ¼ to ⅓ thinner than usual for faster cuts with less effort. The kerf, or width of the cut, is the sum of the tooth set and blade thickness.

Dovetail Saws

Fine Woodworking's "Reader's Choice" for Dovetail Saws, Tool Guide (2008)

Based on a traditional Sheffield design from the 1830s and brought to perfection by our modern craftsmanship, these saws strike an ideal balance between surface finish and cutting speed.

Since dovetailing is a ripping operation, with the kerf cutting with the grain, our Dovetail Saws are filed to a rip profile, unlike many dovetail saws on the market today.

Dovetail Saw

Overall length and height, including the handle, is 15" x 4¼". Blade is 10" long x 1⅝" deep. Teeth are set at .003" per side. 15 ppi rip, .020" saw plate, .026" kerf.

Standard Dovetail Saw	$125.
with Leather Case	150.

New! Thin Plate Dovetail Saw

The same in all respects as our standard Dovetail Saw but with a thinner saw plate of .015", resulting in fast, precise cuts with less effort. 15 ppi rip, .015" saw plate, .021" kerf.

Thin Plate Dovetail Saw	$125.
with Leather Case	150.

Progressive Pitch Dovetail Saw

Same in all respects as our standard Dovetail Saw but each tooth is progressively larger (about .001") than the next, from 16 ppi at the tip to 9 ppi at the handle. This design makes for faster cutting with fewer strokes and improved accuracy. 16-9 ppi rip, .020" saw plate, .026" kerf.

Progressive Pitch Dovetail Saw	$135.
with Leather Case	160.

Small Crosscut Saw

Same size as our standard Dovetail Saw, but with teeth filed crosscut at 16ppi. Excels at making precise crosscuts in thin stock with ease. 16 ppi crosscut, .020" saw plate, .026" kerf.

Small Crosscut Saw 16 ppi	$130.
with Leather Case	155.

New! Custom Miter Box Saws

If you have an old classic Stanley, Miller's Falls, or Langdon miter box in need of a saw, we can custom-make one to fit.

Prices start at $195. Please call or visit our website for details.

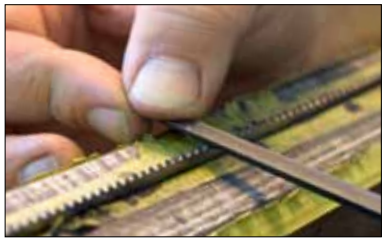
"My rip and crosscut carcass saws are a dream to work with. I always thought I could make my old tools work well -- no such luck compared to yours. The tool may not make the woodworker, but a Lie-Nielsen tool can make a good woodworker better!" --A.B., Massachusetts

Carcass Saws

The Carcass Saw is used for precise cuts across the grain, cutting tenon shoulders, and defining the edges of a dado. It has 14 points per inch, filed crosscut, for cutting quickly, yet accurately and smoothly.

Blade is .020" thick, with a .003" set. Overall length, including handle, is 16" with an overall height of 4⅞". Usable blade dimensions are 11" long by 2¼" deep. An ideal complement to the Dovetail Saw.

Resharpening



Our saws will stay sharp for a long time, but eventually they will need to be resharpened. You can do it yourself (see p. 64 for saw files) or send it to us. Resharpening service is $20 including return shipping in the continental US.

Rip Carcass Saw

To complement the Crosscut Carcass Saw, we also offer two versions filed rip: 15ppi for small tenon work or dovetailing and 10 ppi for general work. Makes a nice small tenon saw.

Carcass Saw 14 ppi	$137.
Rip Carcass Saw 10 ppi or 15 ppi	137.
Carcass Saw with Leather Case	172.

Tenon Saws

A Tenon Saw is a large backsaw used for making deep, accurate cuts in furniture joinery. It should make straight, fast cuts without binding. Based on a classic Henry Disston model from the early 20th century, our Tenon Saws have Curly Maple handles, Brass fittings, and stout ¾" x ¼" milled Brass backs. These saws are solid, well balanced and smooth cutting. Teeth are set at .004" per side, .032" saw plate, .040" kerf width.

We make both rip and crosscut versions. We offer two sizes filed rip at 10 ppi for cutting tenons, which is with the grain, and two sizes filed crosscut at 13 ppi for cross grain work like tenon shoulders, housing dados or sliding dovetails, or precise cut offs with a miter box.

Filed Rip (10 ppi) or Crosscut (13 ppi) in two sizes (12" or 14"). The 12" Tenon Saw is 17¼" overall length, 5¾" overall height, useable blade dimensions are 12" long x 3" deep. The 14" Tenon Saw is 19" overall length, 6¾" overall height, useable blade dimensions are 14" long x 3⅝" deep.

New! 16" Thin Plate Tenon Saw

Our largest Tenon Saw (shown above) has a special, thinner blade of .020". This allows for faster cuts with less effort and the extra height makes the saw easier to balance in the cut. Overall length and height are 21¼" x 7". Useable dimensions are 16" long by 4⅛" deep.

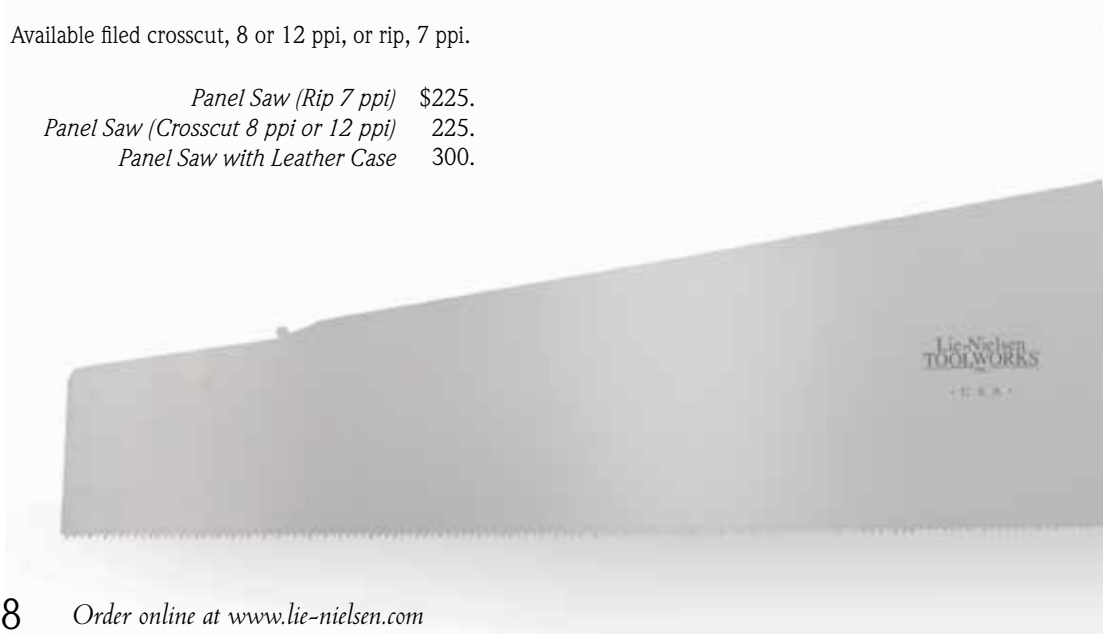
12" Tenon Saw Rip 10 ppi	$155.
Crosscut 13 ppi	165.
Leather Case for 12" Tenon Saw	50.
14" Tenon Saw Rip 10 ppi	165.
Crosscut 13 ppi	175.
Leather Case for 14" Tenon Saw	55.
16" Tenon Saw Rip 11 ppi	175.
Leather Case for 16" Tenon Saw	60.

Panel Saws

These 20" long Panel Saws are the perfect size for a cabinetmaker dimensioning material at the bench. The Swedish Steel blade is taper ground from .032" to .026" thick to help prevent binding in the cut. Overall length including handle is 24⅛". Set is .005" per side. Nice weight and balance.
Curly Maple handles, solid Brass fittings.

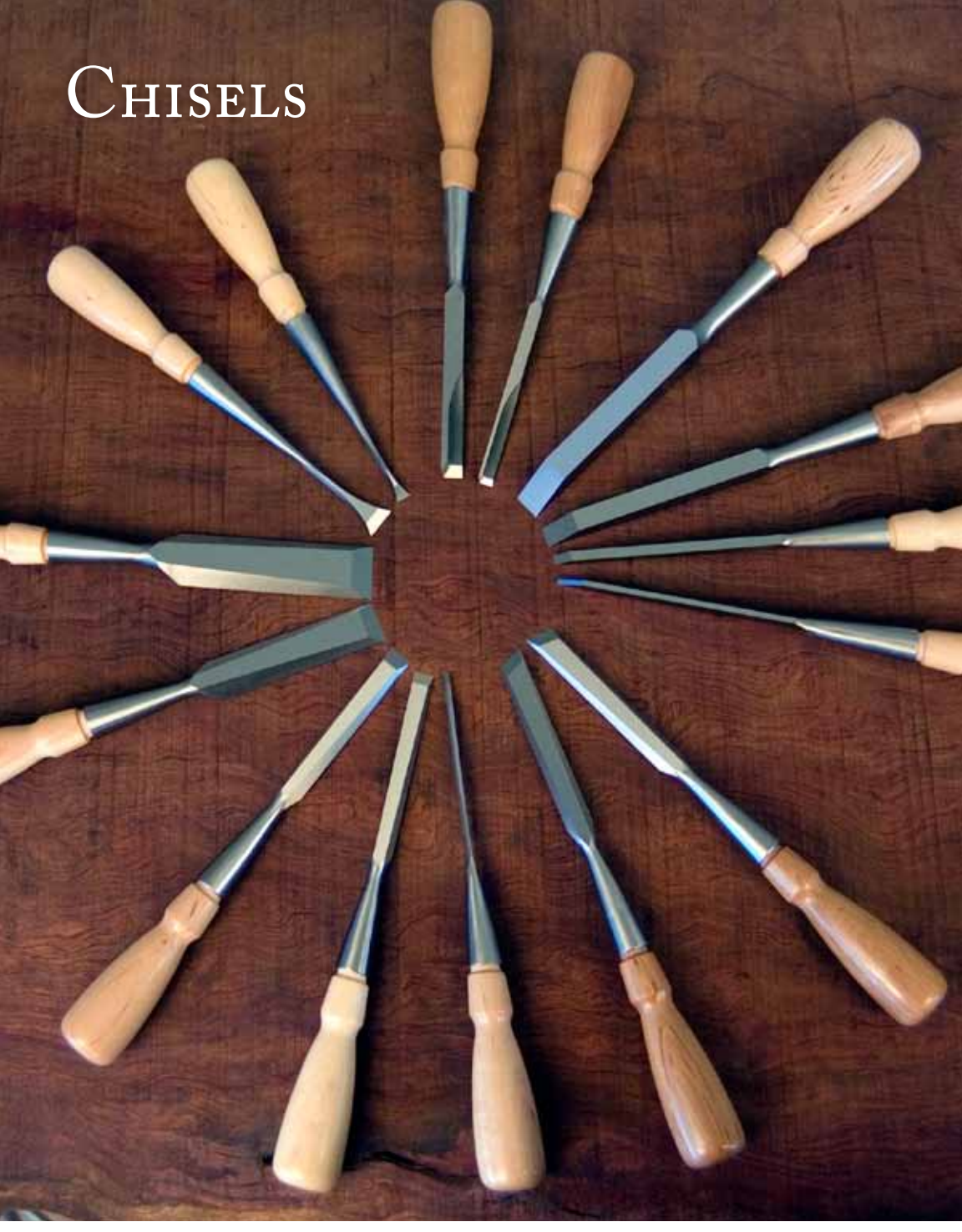
Available filed crosscut, 8 or 12 ppi, or rip, 7 ppi.

Panel Saw (Rip 7 ppi)	$225.
Panel Saw (Crosscut 8 ppi or 12 ppi)	225.
Panel Saw with Leather Case	300.



(Check out the DVD, "Sawing Fundamentals" with Christopher Schwarz on p. 67)

Chisels



Lie-Nielsen Chisels are based on the Stanley 750 Bevel Edge Socket Chisels. Socket chisels are not common these days, perhaps because they are expensive to make, but Stanley and others once produced these chisels in a vast array. Socket chisel handles are less likely to break than tang chisels, and can be replaced easily.

We make our chisel handles from Maine-harvested Hornbeam. Hornbeam, also known as Ironwood, was once prized for its toughness, but usually winds up as firewood these days. This under-utilized species makes superb chisel handles. We don't recommend using a 16-ounce framing hammer with these chisels, though that is how we test them.

Depending on the type of chisel, we use either A2 or O1 tool steel. Our chisels come sharp and ready to use.

Bevel Edge Chisels

Based on the Stanley 750 Bevel Edge Socket Chisels, our Chisels have excellent balance and are particularly comfortable in the hand. They are made of A2 Tool Steel, hardened to Rockwell 60-62, cryogenically treated and double tempered.

The edges are square, parallel along the length, and very narrow, so you can get into tight places. Backs are ground flat and finished by hand at 600 grit. The bevel is flat ground at 30°, but a higher secondary bevel (about 35°) may be advisable, depending on the wood and how the chisel is being used. Additional honing is recommended.

Maine-harvested Hornbeam handles. Overall length is approximately 9". Optional longer handles available for paring -- overall length is approximately 13".

Chisels are available in the following widths:
⅛", 3⁄16", ¼", 5⁄16", ⅜", 7⁄16", ½", ⅝", ¾", 1"

(Above) 5-Piece Bevel Edge Chisel Set

Fine Woodworking's
"Best Overall Bench Chisel"
- Tool Guide 2009 and 2010

Bevel Edge Chisel	$55 each.
⅛" or 1" Bevel Edge Chisel	70 each.
5-Piece Set (3⁄16", ¼", ⅜", ½", ¾")	275.
10-Piece Set (5-Piece Set plus ⅛", 5⁄16", 7⁄16", ⅝", 1")	580.

Long Handled Bevel Edge Chisel	$65 each.
⅛" or 1" Long Handled Bevel Edge Chisel	80 each.

O-1 Tool Steel Chisels

Our A2 Steel chisels will hold an edge extremely well, especially when sharpened at an angle of 30° or higher. Some folks, however, prefer O1 Tool Steel. So in response to customer requests, we are making five sizes available in O1, each ground at 25°. Available individually for the same price as A2 chisels. Sizes are: ⅛", ¼", ⅜", ½", ¾".

Chisel Sets with Leather Rolls

Protect your chisels during storage and transport. Thick, durable leather rolls with a strap and buckle. Made in Maine.

5-Piece Set with 7-pocket Tool Roll	$340.
10-Piece Set with 12-pocket Tool Roll	655.

(Above) 5-Piece Chisel Set with 7-pocket Tool Roll.
(Note: will not fit our 13" long handles)

Skew Chisel Pair

The same as our Bevel Edge Socket Chisels, but with a left and a right hand skew for jobs like cleaning out the corners of dovetail pins. Angle of skew 20°.

Available in ¼, ⅜ and ½ inch sizes. Sold in pairs.

Skew Chisel Pair $130.

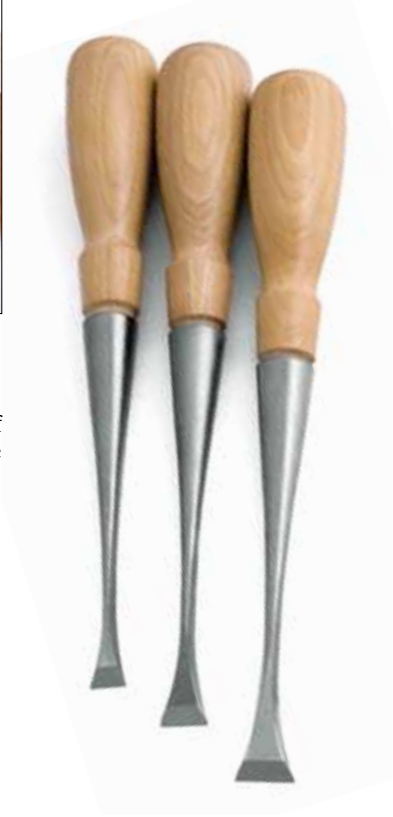
(Check out David Charlesworth's DVDs on chisel sharpening and techniques on p. 68)

Fishtail Chisels

Fishtail Chisels are perfect for reaching the back corners of half blind dovetails and paring other hard to reach areas. Their unique shape offers versatility for right and left hand recesses. 25° bevel.
O1 Tool Steel, hardened to Rockwell 60-62.
Available in three sizes: ⅜", ½" and ⅝".

Both standard and long Hornbeam handles available.

⅜", ½" or ⅝" *Fishtail Chisel*	$75.
Fishtail Chisel with Long Handle	85.
Set of 3 Fishtail Chisels	225.
Set of 3 Long Handled Fishtail Chisels	255.



Mortise Chisels

Designed with cabinetmaking in mind, these well-balanced Mortise Chisels are ground with parallel sides and are thicker than they are wide to help keep them straight in the cut.

Hornbeam handles. They are made of A2 Tool Steel, hardened to Rockwell 60-62, cryogenically treated and double tempered.

Available sizes: 1/10", 3/16", 1/4", 5/16", 3/8", 1/2"

Mortise Chisel	$65.
1/10" Mortise Chisel	75.
5-piece Set (3/16", 1/4", 5/16", 3/8", 1/2")	325.
5-piece Set with Leather Mortise Chisel Roll	390.
Leather Mortise Chisel Roll	75.

Corner Chisels

Producing square mortises is exacting work. The corner chisel, used after the mortise has been roughed out by hand or with a slot mortiser - which produces round edged mortises - helps square corners easily and precisely.

Made from O1 Tool Steel. The cutting edge is hardened to Rockwell 60-62 and ground razor sharp. Hornbeam handles.

Offering three sizes: 1/4", 3/8" and 1/2".

Corner Chisel	$75.
Set of 3 Corner Chisels	225

Drawer Lock Chisel Pair

Chris Becksvoort came to us with this greatly improved design for a traditional tool. This special pair of chisels is indispensable for cutting small mortises in tight places - such as setting a drawer lock into a piece of furniture.

O1 Tool Steel, precision ground. Blade widths are 1/2" and 1/4". Blade length is 1", with a cutting depth of 11/16" on both sides.

Drawer Lock Chisel Pair $75.

Floats

We collaborated with contemporary wooden plane maker, Larry Williams, to develop these floats.

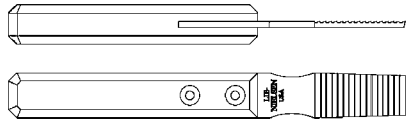
Our floats are sharpened with a file (see p. 64). Made from S-7 Tool Steel, hardened and tempered to RC 50-52 for edge life and resharpening ability. 8 tpi, 80° rake angle, Maple handles.

Joinery Floats

Floats are useful for lots of jobs around the woodshop and if you have never used one you will be amazed at how quickly they can produce an accurate, smooth surface. Try one for flattening, chamfering, or smoothing flat and curved areas. Floats can cut more aggressively than rasps, yet leave a finely finished surface for either exposed work or a glue bond.

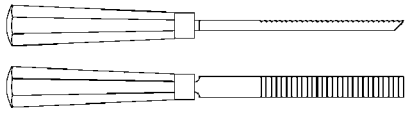
Our Joinery Floats are sized with cabinet making and furniture building in mind. They are capable of extremely precise work.

LARGE CHEEK FLOATS are available in push or pull. These are ideal for working recessed areas like mortise cheeks. Large cheek floats are 1" wide at their widest taper to allow seeing past the handle when working corners.



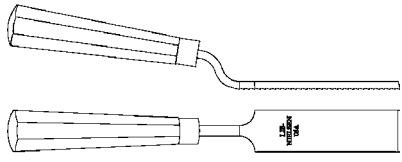
Large Cheek Float, Push or Pull $60.

MORTISE FLOATS come in five sizes: ⅛", ¼", 5⁄16", ⅜", and ½". They're excellent for squaring up mortise ends, fitting wedges in tusk tenons and other trimming jobs. All have ¼" thick bodies.



Mortise Float, Push $60.

FACE FLOATS are available in push or pull. They're 1" wide and designed for accurately trimming tenons, tongues or other such surfaces. The cranked-neck design gives good access to recessed surfaces.

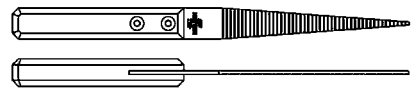


Face Float, Push or Pull $70.

Planemaker's Floats

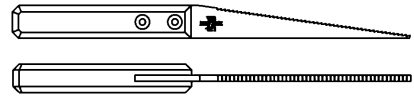
Our Planemaker's Floats can smooth wooden plane surfaces, such as the bedding of the blade, the mouth, and the wedge abutment. To learn how to make your own molding planes, see our DVD, "Making Traditional Side Escapement Planes" with Larry Williams (p. 69).

SIDE FLOATS work the sides of wedge mortises to open them from the initial sinking. 1/8" thick.



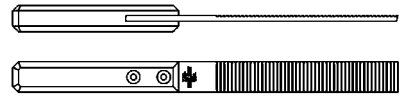
Side Float, Push or Pull $60.

EDGE FLOATS are used to open and size molding plane wedge mortises; 1/8" for the narrowest wedges, and 3/16" for the thicker wedges. The 1/8" edge float also serves as a mouth and abutment saw in making bench planes.



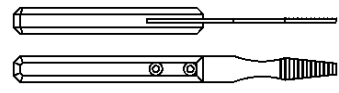
1/8" Edge Float, Push $50.
3/16" Edge Float, Push 50.

BED FLOATS are 1" wide and available in two thicknesses. The 1/8" is best for fitting the iron to the bed of the plane, the 3/16" is great for trimming and final surfacing of chamfers and other work.



1/8" Bed Float, Push $60.
3/16" Bed Float, Push 60.

SMALL CHEEK FLOATS allow easy sizing of the mortise to match standardized wedges, and are useful for a number of other fitting and clean-up jobs. The pull float cuts on the pull stroke, which is handy for some jobs. 1/8" thick.



Small Cheek Float, Push or Pull $60.

We also offer unhardened, tapered, molding-plane blanks so you can shape your own profiles for your wooden planes. See our website for details.

Inlay Tools

Inlay offers a level of finesse and flair to your work, whether it be reproduction furniture or exploring new creative effects.

What have historically been shop-made tools are now available. We collaborated with inlay master, Steve Latta, to develop and introduce these tools in 2007.

Check out our DVD series, "Fundamentals of Inlay" with Steve Latta (p.66)

Inlay Tool Set $345

Includes all four Inlay Tools, a pair of Radius Cutter extension rods and the Steve Latta instructional DVD, *Fundamentals of Inlay: Stringing, Line & Berry.*

Deluxe Inlay Tool Set $525

The Deluxe Inlay Tool Set includes all four Inlay Tools, a pair of Radius Cutter extension rods, Steve Latta's instructional DVD, our Small Router Plane with three additional specialty blades designed for inlay work and a Lie-Nielsen Hand Scraper.

Radius Cutter

For scribing inlay grooves in a radius. 11/16" minimum radius. Maximum is 4" without the addition of extension rods. Cutter is .030" thick. Powder-Coated Aluminum body, Steel rods. Additional Pivot Point included. Patent pending.

Radius Cutter	$85.
Replacement Blade	15.
Extensions (Pair of 3" Rods)	10.
.041", .055", or .062" Blade	15.

Straight Line Cutter

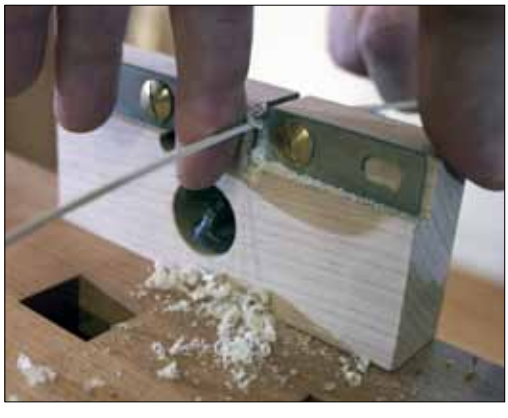
For scribing inlay grooves parallel to an edge. Maximum cutting distance from edge is 4⅛". Standard Cutter is .030" thick.

Straight Line Cutter	$70.
Replacement Blade	15.
.041", .055", or .062" Blade	15.

Slicing Gauge

For slicing veneer into thin strips. Extends out 2". Cutter is .020" thick. Additional Slicing Blade included. Left-handed configuration available upon request.

Slicing Gauge	$75.
Replacement Blade	15.



Thicknessing Gauge

For trimming veneer strips to precise thickness. Cutters are .050" thick.

Thicknessing Gauge	$65.
Replacement Blade Pair	15.

Tools for Curved Work

Small Bronze Spokeshave

This Spokeshave is based on a tool that hasn't been available since Edward Preston and Sons went out of business in the 1930's. Lightweight but solid, only 6¾" long, with a ⅝" wide flat sole. 1⅜" x ⅛" thick A2 blade, Bronze body and cap. Redesigned for fine, precise shaping work in all woods. Also available with a curved sole (1½" radius).

Small Bronze Spokeshave (Flat or Curved Sole)	$95.
Small Bronze Spokeshave with Leather Case	115.
Replacement Blade	35.

New! Razor Shave

Our Razor Shave is based on the Stanley No. 81, which was derived from traditional all-wooden chair making spokeshaves. This design improves on traditional shaves by incorporating an adjustable depth stop. This 4 oz. tool is very light and responsive in the hand. It excels at cutting tight inside radii. The body is 11½" long. The O1 blade is beveled at 25° and measures 2" long, ⅝" wide, by 3⁄16" thick. Apple wood body, Bronze depth stop, and Brass nuts and screws.

No. 81 Razor Shave	$75.
Replacement blade	35.

Boggs Spokeshaves

Flat & Curved Boggs Shaves

The original Boggs Spokeshave is hefty and solid, weighing 12 oz. Body is 10" long, with a 1" wide flat sole. 2" x ⅛" thick A2 blade. Bronze body and cap. Hickory handles. Designed for fine, precise shaping in all woods. Also available with a curved sole (5" radius).

Concave Boggs Shave

A collaboration between Master Chair Maker Brian Boggs and Lie-Nielsen Toolworks. A 2⅝" diameter sole makes the Boggs Concave Spokeshave the right choice for working chair spindles and other round parts.

Weight is 8 oz. Body is 9⅝" long. A2 blade is 1⅛" x ⅛" thick. Bronze body and cap. Hickory handles.

(Check out our DVDs with Brian Boggs on p. 69)

Boggs Spokeshave (Flat, Curved, or Convex Sole)	$135.
Boggs Spokeshave with Leather Case	155.
Replacement Blade	40.

Drawknife

Based on an antique Witherby design, with a 7" x 1¼" O1 Tool Steel blade, hardened to Rockwell 60-62. Overall length of 16½" and overall width of 7" from the blade back to the tips of the handles. Maple handles secured with Stainless Steel nuts and ferrules.

Available in two different styles: one with a slightly forward and downward curvature to the blade (like the original), and the other with a straight blade. Relief milled in the back for ease of sharpening.

Handles are positioned so the Drawknife can be used in both bevel up and bevel down positions. If your preference is to use the Drawknife exclusively in the bevel up or bevel down positions, the handles may be bent to achieve the optimum angle in relationship to the blade. Flat ground 25° bevel.

Curved or Straight Drawknife with Leather Case	$170.

Auriou Rasps

Hand Made at Forge De Saint Juery, France.

Auriou rasps taper to allow them to be used more easily and to add to their versatility. They are stitched to the tip and to the edges. The roughing rasp, cabinet, modellers, flat and combo rasps are available as right or left handed versions. This is unique to Auriou.

Forming the teeth is called 'stitching' and hand stitching is done on a polished, forged, blank by the drop of a traditional rasp-makers hammer onto a special barleycorn pick. This gives a slightly random pattern to the cutting teeth resulting in a smoother finish to your work.

The finer grade rasps will take a highly skilled stitcher as much as 90 minutes to complete. The blank is then heat treated by a special process used only by Auriou. These tools are precision shaping tools. Auriou is proud to be involved in keeping the best traditions of hand forged tools alive in this world of mass production.

Fitted with our own Lie-Nielsen Maple handles.

Visit our website to view our full selection of Auriou Rasps and Rifflers.

New! Auriou Carving Tools

Auriou recently began making carving tools again, and worked with master carver Chris Pye to develop a basic set to start. Currently there are 11 carving tools available with more coming in the future.

These tools are forged the traditional way: by hammering a steel blank to length before profiling. This process develops the best grain structure for taking and holding a fine edge. This also allows the tool to be thinner and lighter but still strong - so the tools are easy to handle.

Available individually or in sets. See website for details.

Sweep 3, 8mm	$36.
Sweep 3, 14mm	41.
Sweep 3, 20 mm	41.
Sweep 6, 8mm	37.
Sweep 6, 14 mm	42.
Sweep 6, 20mm	42.
Sweep 9, 8mm	42.
Sweep 9, 14 mm	47.
Sweep 9, 20 mm	47.
V-Groove 60°, 10mm	54.
Straight Skew, 10mm	30.

12-Pocket Leather Tool Roll $75.

(Check out our carving DVDs with Peter Follansbee on p. 68)

Green Woodworking Tools

WETTERLINGS
Swedish Axes

Since 1880, Wetterlings has offered the best, hand forged axes, mauls and wedges to the public. As the oldest existing axe forge in Sweden, they still work by hand producing small batches of tools fit with oil finished American hickory handles.

Lie-Nielsen is pleased to offer these fine axes to our customers. Hardened and tempered to Rockwell 56-58 and razor sharp, a natural, unpainted finish shows the quality of the forging. Visit our website to see our full selection of axes.

(From left to right)

Belt Hatchet	$91.
Small Hunting Axe	107.
Small Splitting Axe	118.
Cruising Axe	131.
Broad Axe	236.
Limbing Axe	121.
Splitting Axe	136.
Felling Axe	158.
Splitting Maul	162.
Clearing Axe	102.
Carpenter's Axe *(shown right)*	131.

All axes come with leather sheaths. Replacement handles and sheaths are available.

New! Langsner Froes

Designed by green wood riving expert, Drew Langsner, these froes can rive green wood along the grain with more precision and finesse than an axe or maul. The blade bevel angle of 30° is ideal for both soft and hard woods.

The blade is welded to a cylindrical ferule and finished in a tough, baked powder black enamel. Tight-fitting, kiln-dried, hard Maple handle is secured by a stepped washer and large lag screw.

Available in two sizes:

The Langsner Froe has a 3/8" thick blade, 1½" wide x 12" long. Overall length is 17½". 2.75 lbs.

The Basketmaker's Froe has a ¼" thick blade, 1¼" wide x 8" long. Overall length is 13¼". 1.5 lbs.

(Above) Master Joiner, Peter Follansbee, rives stock with the Langsner Froe in our new project DVD, "17th Century Joined Chest" (p. 68).

Langsner Froe	$85.
Basketmaker's Froe	75.

Accessory Tools

Gooseneck Scraper Set $45.

Gooseneck Scrapers are used on contoured surfaces. This set includes **four scrapers**: one large and one small scraper, each in two thicknesses, .020" and .032". Polished Swedish Spring Steel.

Hand Scraper Set $15.

Made from premium, high carbon Swedish Spring Steel and ground square on the long edges. Very easy to use. Set includes **two scrapers**: one supple, .020" thick blade, and one stiffer, .032" thick blade. Each scraper is 2½" wide x 6" long.

Carbide Burnisher $45.

Creating a burr on a scraper requires a hard, highly polished surface. Our Carbide Burnishers have a ¼" x 4" polished solid Carbide shank held in a Curly Maple handle. A flared Brass bolster protects your fingers while burnishing.

Cross Peen Hammer $85.

These small hammers are not only great for tacks and brads, but also for making fine blade adjustments on your planes. Fine Cherry handles. Available in Brass or hardened A-2 Steel.

Dowel Plates

Use a Dowel Plate to easily make exact-sized dowels from any wood you choose. Also useful for making precise tenons on chair spindles. 5⅛" long x 1½" wide x ¼" thick, made from surface ground A-2 Tool Steel, hardened to 60 Rc.

Holes are machined with a 6° clearance taper on the underside. Holes are straight for the first .025", allowing you to sharpen them without affecting the hole size. Start with pieces whittled close to your desired diameter, chamfered at the leading end, and hammer it through the appropriate hole for perfectly sized dowels. Includes two mounting holes for No. 10 flat head screws.

Standard Dowel Plate makes ⅛", 3/16", ¼", 5/16", ⅜", ½", ⅝" dowels. Metric Dowel Plate makes 3, 4, 6, 8, 10, 12 and 16mm dowels.

Standard or Metric Dowel Plate $55.
Dowel Plate with Leather Case 65.

Drawbore Pin Pair $90.

Drawboring is a great way to make a strong mechanical joint. A wooden pin is hammered through slightly offset holes in the two pieces, and pulls the joint together. You use Drawbore Pins to pull the joint together first (with some force and a twisting motion). This eases the edges of the hole, making driving the wood pin easier. You can also disassemble the joint if you want to work on the fit some more before permanent assembly.

O1 Tool Steel, Rockwell 60-62. Maple handles. Sold in pairs. To pre-assemble the four parts of a door frame, two pairs are handy.

Countersink $35.

Handy chamfering tool with an 82° countersink. Curly Maple handle.

Multi-Tip Screwdriver $60.

Interchangeable tips are held in place by a very strong magnet. Set includes six bits: #1 and #2 Phillips, #1 and #2 Square, 5.5mm and 6.5mm Slotted. S2 Steel tips, hardened to Rockwell 54-56. Accepts other standard ¼" shank bits. Curly Maple handle.

Handy bit holder included.

Lie-Nielsen Screwdrivers

Modeled after gunsmith's screwdrivers with machined tips, these screwdrivers are made to fit specific screw slots on our tools to give you power and control without slipping. The Chipbreaker and Frog adjustment screwdrivers are particularly useful sizes. Hardened 416 Stainless Steel blades, numbered Brass ferrules, Curly Maple handles. Available individually or as a set.

SD-8 SD-7 SD-6 SD-5 SD-4 SD-3 SD-2 SD-1

Nicker Screwdriver (SD-1)	$25.
Split Nut Screwdriver for Open-Handled Saws (SD-2)	30.
Tenon Saw Nut Screwdriver (SD-3)	25.
Chipbreaker Screwdriver (SD-4)	25.
Handle Nut/Cap Screwdriver (SD-5)	25.
Small Handle Nut/Skew Block Screwdriver (SD-6)	25.
Frog Adjuster Screwdriver (SD-7)	25.
Handle Toe Screwdriver (SD-8)	25.
Full Set of Screwdrivers	205.
Full Set with Leather Case	285.

Measuring & Marking Tools

Panel Gauge $85.

A Panel Gauge is used to mark lines a distance from the edge of a large workpiece, such as a door panel. Single bevel V-cutter. Beam can be turned around and used as a pencil gauge. Maple body, Hornbeam shank, 18" long.

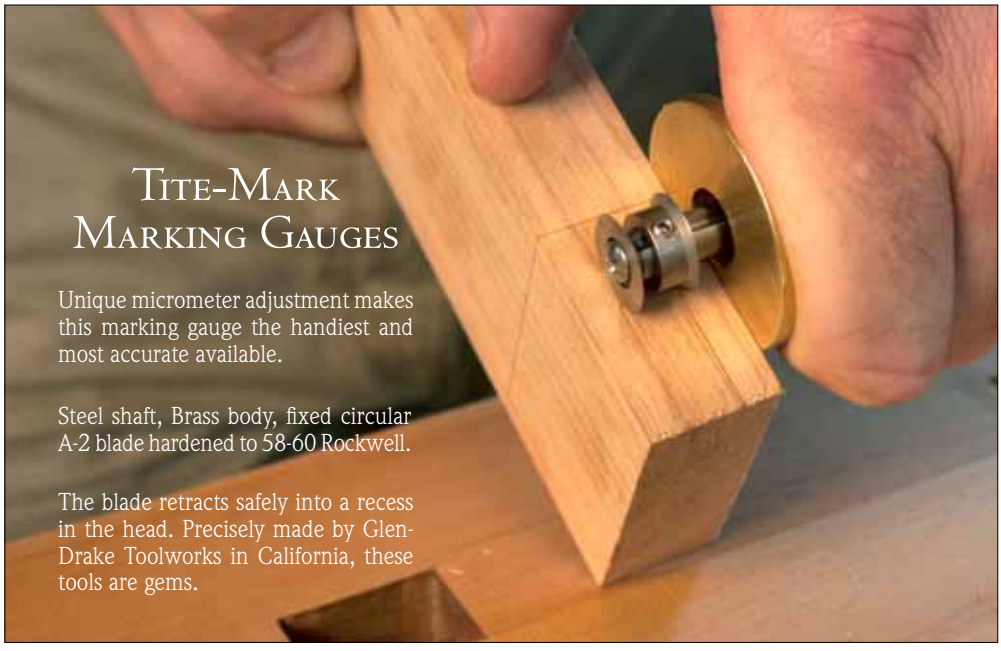
Panel Gauge Replacement Blade $15.

Dovetail Marker $35.

Accurate layout makes dovetailing much easier. This Dovetail Marker is just the right tool to lay out dovetails quickly and accurately with slopes of 1:6 and 1:7. Brass and Cocobolo.

Lie-Nielsen 6" Steel Rule $3.

Great for measuring the depth of dadoes and other small shop measurements, this is also the perfect tool to use for David Charlesworth's ruler trick as seen in his DVD, *Hand Tool Techniques: Plane Sharpening* (p. 68).



Tite-Mark Marking Gauges

Unique micrometer adjustment makes this marking gauge the handiest and most accurate available.

Steel shaft, Brass body, fixed circular A-2 blade hardened to 58-60 Rockwell.

The blade retracts safely into a recess in the head. Precisely made by Glen-Drake Toolworks in California, these tools are gems.

Tite-Mark & Tite-Mark Long

Tite-Mark has a 7" shaft, Tite-Mark Long has a 9" shaft. Shafts are 5/16" in diameter. Optional cutters include a set of mortise blades for laying out mortises and a scoring blade. In addition to the adjustable mortise blades available for the Tite-Mark, we offer four fixed-width, double-bevel, mortise blades conveniently sized at 1/2", 3/8", 5/16" and 1/4".

One 3" and one 6" extension rod may be used individually or joined together to extend the reach of the Tite-Mark an extra 9" by being screwed onto the blade end.

Tite-Mark	$89.
Tite-Mark Long	99.
Tite-Mark Mini	69.
Tite-Mark Deluxe Set	229.
Tite-Mark Long Deluxe Set	239.
Tite-Mark Mini Deluxe Set	119.

Tite-Mark Mini *(not shown)*

At 6" long with a 1/4" shaft, the Tite-Mark Mini is the perfect gauge for smaller projects. Three fixed-width, double-bevel, mortise blades available for the Mini, sized at 5/16", 1/4" and 3/16".

Marking Blade	9.
Single Bevel Adjustable Mortise Blade	15.
Scoring Blade	12.
Reverse Bevel Marking Blade	12.

Deluxe Sets

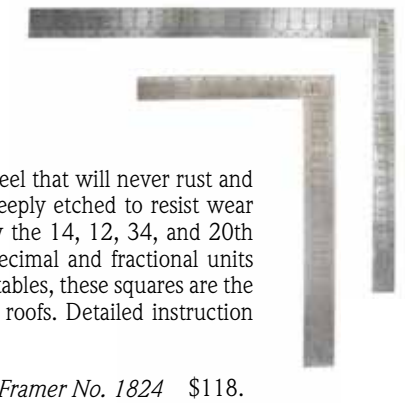
Tite-Mark and Tite-Mark Long Deluxe Sets include: a Tite-Mark or Tite-Mark Long, a Reverse-Bevel Marking Blade, a Scoring Blade, two Adjustable Mortise Blades, a Double-Bevel Mortise Blade Set and an Extension Set.

Tite-Mark Mini Deluxe Set includes: a Tite-Mark Mini and a Mini Double-Bevel Mortise Blade Set.

Double Bevel Mortise Blade Set (also available individually)	79.

(1/4", 5/16", 3/8", and 1/2")

New! Chappell Squares



Seasoned timber framer, Steve Chappell, developed this new line of precision framing squares to meet the needs of the modern builder.

These durable squares are made of 13 gauge, 304 stainless steel that will never rust and are guaranteed to be square within .003". The rulings are deeply etched to resist wear and allow accurate markings. The inch scales are divided by the 14, 12, 34, and 20th inch, and the decimal inch scale enables you to combine decimal and fractional units seamlessly. In addition to the usual hip, valley, and jack rafter tables, these squares are the first to include tables for hexagonal, octagonal, and unequal roofs. Detailed instruction booklet included with each square.
Made in Maine, USA.

The Master Framer No. 1824	$118.
The Traveler No. 1218	85.

Visit our website for our full selection of Tite-Mark, Chappell, and Starrett measuring and marking tools

Starrett Dividers

Beautifully made, these polished dividers are great for laying out dovetails. The fulcrum stud is hardened and the bearing surfaces of the legs are large enough to prevent any side deflection. The bow spring is strong and flexible, and the adjustment is centrally located in the legs to ensure smooth action.

3" Divider	$50.
6" Divider	58.

Starrett Combination Squares

Cast iron heads with reversible lock bolts, scriber, spirit level and hardened steel, divided in 8ths and 16ths on one side, 32nds and 64ths on the other side. Satin chrome and black wrinkle finish.

6" Combo Square	$82.
12" Combo Square	86.

Workbenches & Vise Hardware

A workbench is one of the most important tools in the shop. A good bench needs to be flat, stable and heavy. All Lie-Nielsen benches are made of Hard Maple, a native hardwood that is stable, heavy and tough. All workbench tops are machined flat within a tolerance of plus or minus .010". We recommend that the top be reflattened as needed, every year or two. Drawbored mortise and tenon joints. Benches are supplied with two vise handles and two wooden square bench dogs. Dog holes are 1.150" x .950".

Chain Drive Shoulder Vise Hardware

Our Chain Drive Vise hardware is designed around independent screw assemblies. We offer chains and jaws with 12", 18" or 24" spacing between screws. This makes holding an upright board for dovetailing a breeze. The vise jaw is bushed with four bronze bushings, backed up with four needle bearing and washer assemblies to reduce wear. The T-handle screw can be mounted on either the left or right of the vise jaw. 1 1/8" x 5 tpi rolled acme thread screws. Typical maximum opening is 8¼". Vise Handle sold separately.

To make assembly easier, we offer an Installation Kit for $45, returnable for credit.

Chain Drive Vise Hardware	$285.
12" Wood Chain Drive Vise Jaw	70.
18" Wood Chain Drive Vise Jaw	80.
24" Wood Chain Drive Vise Jaw	90.
Chain Drive Vise Installation Kit	45.

SHIPPING: Charges vary, depending on your location. The most economical shipping method is common carrier (UPS or Yellow Freight). Trestle base is shipped knocked down, some assembly is required. Before your bench arrives, you should make arrangements to get the crate off the truck. We also offer a special delivery service that will set up your bench for you in your shop. Please contact us for a quote on either service. You may also pick up your bench at our shop in Waldoboro, ME.

Lie-Nielsen benches are finished with a 3 equal-part mixture of spar-varnish, boiled linseed oil and mineral spirits. This traditional finish seals the wood, but does not make it slippery. The finish will need to be renewed from time to time. Patent pending.

NEW!

LIE-NIELSEN WORKBENCH

$2,000.

We modified several key features to create the Lie-Nielsen Improved Workbench:

The top is 4" thick solid maple, 7 feet long and 2 feet wide (excluding the shoulder vise). No skirt, no tool tray, just plenty of clamping surface.

The shoulder vise is a chain-drive twin-screw vise, with 12" spacing between the screws, 8¼" of travel, and a 22½" maple jaw.

The rugged tail vise has 6½" of travel and a non-traditional "no L-block" jaw.

The tail vise and shoulder vise can be positioned on either the right side or left side.

The front stretcher is 5¼" wide and flush to the front of the legs and benchtop. Trestle legs are 3" square and flush with the front of the bench.

Most benches currently on the market are about 35" high. For many people today, a taller bench is more comfortable. We can make your bench up to 38" high.

Weight is 250 lbs.

VISE HANDLE $35.

Maple shaft and knobs with Brass bolsters cushioned by rubber o-rings. 1" x 12" dowel. Overall length is 13¼".

All Workbenches and Vise Hardware are made by Lie-Nielsen Toolworks in Maine, USA.

Roubo Workbench $3,500.

The thick slab top and massive trestle base make this bench very solid. Christopher Schwarz has shown us how useful uncommon bench designs can be. This one dates from the 18th Century in its essentials, and is very different from the well known European design commonly manufactured. The Sliding Deadman and Chain Drive Leg Vise make this bench especially good for hand planing long and large pieces.

Roubo benches have a 4" top, made of Hard Maple. The trestle legs are 4" square. Bench length is 100" overall, including the tail vise. Width is 24".

Standard bench height is 35" tall, though we can make your bench up to 38" high. This bench weighs in at 450lbs.

Wooden Bench Dog Pair $50.

Great for general use. Made from domestic Maple with side springs for a snug fit. Heads recess into a 1.150" x .950" hole. Overall length 8".

Brass Bench Dog Pair $45.

For benches with ¾" round dog holes. Spring-loaded ball bearing detents provide resistance so the dog can be positioned at any height. Heads milled flat on detent side and recess into a 1" diameter x 1½" deep hole. Overall length 7⅛".

Tail Vise Hardware

This rugged vise is based on traditional European-style tail vises. The sliding mechanism is a three piece construction machined from Cold Rolled Steel bar stock that fit into dadoes in the bench and jaw to control parallelism. Adjustable gib on the lower slide.

1" x 5 tpi rolled acme thread screw. Typical travel length is 6½". Vise Handle sold separately.

To make assembly easier, we offer an Installation Kit for $45, returnable for credit.

Tail Vise Hardware	$275.
Wood Tail Vise Jaw	130.
Tail Vise Installation Kit	45.

(Check out the DVD, "The Workbench: How to Design or Modify a Bench for Efficient Use" with Christopher Schwarz on p. 67)

Steel Bench Dog Pair $70.

These rigid steel bench dogs are great for dense wood species. Removable honeycombed brass faces, hardened steel springs. Heads recess into a ⅞" x ¾" hole. Overall length 7⅞".

Vise Screws

The small Vise Screw is appropriate for a Scandinavian-style shoulder vise, a wagon vise, or to make a veneer press. 1" x 5 tpi rolled acme thread screw, 11" long. Overall length is 15". Swivel pad included. Weight is 4 lbs.

The large Vise Screw is ideal for a leg vise on your workbench. 1⅛" x 5 tpi rolled acme thread screw, 18⅝" long. Overall length is 23". Weight is 7.5 lbs.

Vise Handles sold separately.

1" Diameter Vise Screw $70.
1⅛" Diameter Vise Screw $85.

Maine Granite Sharpening Station

$1,295.

Polished Maine granite top is 2" thick and milled flat to .001" in 6" -- flat enough for sharpening and truing plane soles. 24" deep x 30" wide, custom height. Sturdy Maple trestle base. Weight is approx. 250 lbs.

(Additional shipping charges apply, truck freight delivery.)

Lie-Nielsen Shavehorse

$950.

A shavehorse is an essential tool for chairmaking. Many craftsmen prefer to make their own. For those who don't, we have worked with master chairmaker Brian Boggs to offer this well thought out design, executed in Hard Maple.

Oil finish. Leather covered clamping jaws. 4' x 3', Weight is 70 lbs. Patent pending.

Shipping $85, partially disassembled.

Sharpening & Tool Care

Even the best tools are of little use with a dull cutting edge. While experts often debate over the best sharpening practices and equipment, we recommend a simple, reliable method that produces a razor edge in minutes.

We prefer manual sharpening on waterstones because it's simple, fast, safe, reliable, and with the right stones, it yields a sharpness quality unmatched by any other method we've tried.

The items in this section will help you keep your blades perfectly honed, bronze polished, iron rust-free, and your tools protected. With proper care, Lie-Nielsen tools will serve you for a lifetime.

Visit our YouTube Channel for tips on sharpening (or scan the above QR code with your smart phone). For in-depth instruction on our recommended sharpening techniques, refer to our DVDs with David Charlesworth (p. 68).

Basic Sharpening Set $99.

Our Basic Sharpening Set includes:
- Norton 1000/8000 grit Combo Waterstone
- Honing guide
- Lie-Nielsen 6" ruler
- 5 sheets of 150 grit wet/dry sandpaper
- 2 oz. bottle of Jojoba Oil
- Printed sharpening instructions
- Knife honing jig from DMT (not shown).

Norton Waterstones

We've been using Norton waterstones at our shop for some time and are pleased with the results. They are wider (working surface 8" x 3") and harder than most Japanese waterstones, so they cut fast and wear well.

220 Grit	$25.
1000 Grit	40.
4000 Grit	55.
8000 Grit	80.
220/1000 Combo	35.
1000/4000 Combo	50.
4000/8000 Combo	70.
1000/8000 Combo	65.

Side Clamping Honing Guide $14.

This side clamping honing guide is based on the discontinued Eclipse. Small center wheel allows better control for honing a slight curve to your blade.

New!
Dia-Flat Lapping Plate $195.

Flatten your waterstones faster and more accurately than other methods. The 0.375" thick steel plate is ground flat to +/- 0.0005" and evenly coated with 120-micron diamonds bonded to the plate using a proprietary method that outlasts any other diamond coating available today. 10" x 4". Weighs 4 lbs. Made by DMT in the USA.

New! Magnifocuser $24.

We've used the Magni-Focuser in our shop for years while sharpening saw teeth and other detailed work. Lightweight, comfortable, fits over glasses. Lens plates are optical-quality, shatter-resistant acrylic and flip up when not in use. Made in the USA.

Leather Tool Cases

Fitted Leather cases protect your tools during transport. Beautifully made in Maine, USA.

Note: leather does not protect against rust, not recommended for long term storage.

Adhesive-Backed Sandpaper Rolls $60 each

For sharpening blades, we recommend the use of a secondary bevel for quick results. With repeated sharpening, this secondary bevel will grow larger and the primary bevel will need to be re-established.

These sandpaper rolls can adhere to any flat reference surface and, with a honing guide, regrind a bevel back to its primary angle. Four grits available: 80 (for blades that need a lot of work), 180, 220, and 400 grit (for standard regrinding).

Each roll is 2¾" wide. 80 grit roll is 25 yards long. 180, 220, and 400 grit rolls are 45 yards.

Triangular Files

For sharpening saw teeth and floats. Handles sold separately. Visit our website for our full selection of files and handles.

4" double extra-slim taper, 15-20 ppi	$5.
5" double extra-slim taper, 12-14 ppi	6.
6" extra-slim taper, 9-10 ppi	6.
7" slim taper, 6-7 ppi	7.
File Handle (S, M, L, or XL)	2.

Dovetail Saw Case	$30.
Carcass Saw Case	40.
12" Tenon Saw Case	50.
14" Tenon Saw Case	55.
16" Tenon Saw Case	55.
Panel Saw Case	85.
7-Pocket Mortise Chisel Roll	75.
7-Pocket Tool Roll	75.
9-Pocket Tool Roll	75.
12-Pocket Tool Roll	75.
Dowel Plate Case	15.
Hand Scraper Wallet	25.
Plane Blade Wallet	45.
Screwdriver Case	85.
Small Spokeshave Case	20.
Boggs Spokeshave Case	25.
Small Block Plane Holster	35.
No. 60½ Block Plane Holster	40.

Tool Care Kit $49.

Rust is the enemy of fine tools and sharp blades. This handy kit contains everything you'll need to keep your tools and blades rust-free. The kit includes:

Jojoba Oil (8-oz. bottle)
Uniwrap rust-inhibiting paper (10 sheets)
Bronze Polishing Cloths (2)
Abrasive Handblock (Medium grit)
Paraffin Wax Bar
Microfiber Cloths (2)

Items also sold separately:

Uniwrap Paper (10-Sheet Tube)	$10.
Sunshine Polishing Cloths	5.
Paraffin Wax Bar	5.

Dusting Brush $15.

Made in the U. K. with pure Chinese Boar bristles, wood handle and stock. It is ideal for keeping your planes free of shavings and dust while you work.

Plane Socks

Silicone-treated cloth bags help protect your valuable tools from rust, and from damage during transport.

Four sizes: Small fits our Block Planes and No. 212 Scraper Plane; Medium fits our Smoothing Planes; Large fits our Jack Planes; and Extra-Large fits our No. 7 Jointer Plane.

Small Sock $8.

Medium Sock $8.50

Large Sock $9.

Extra-Large Sock $9.50

Jojoba Oil

Non-toxic, odorless, liquid wax made from the seed of the Jojoba plant, native to the American southwest.

Great for protecting your tools and blades from rust, will not interfere with finishes or gluing. Can also be used as a moisturizer to relieve sunburns. A little goes a long way.

8-oz. Jojoba Oil	$12.
2-oz. Jojoba Oil	7.

Microfiber Cloth Pair $10.

Great for general clean-up, we use these cloths in our shop every day. Keep one permanently saturated with Jojoba Oil to wipe down your tools and blades after every use. Sold in pairs.

Abrasive Handblocks $7 ea.

Fine silicon carbide abrasive embedded throughout the rubber block quickly removes rust from Cast Iron and Steel. 3¼" long x 2" wide x ¾" thick. Available in fine, medium, and coarse grits. Made in Germany.

Instructional DVDs

The Lie-Nielsen DVD studio in Waldoboro, Maine

In order to promote better understanding of hand tool woodworking, we invite some of today's brightest and most skilled woodworkers to share their knowledge and skills on camera. Since 2003, we've filmed over 25 instructional DVDs with hand tool masters such as David Charlesworth, Chris Schwarz, Brian Boggs, and Peter Follansbee. Please check our website for our latest DVDs releases.

Steve Latta

Steve Latta has been a woodworker, teacher, and writer for over 25 years. He teaches furniture making at Thaddeus Stevens College in Lancaster, PA, and at workshops around the USA. Steve also builds commissioned reproduction and contemporary furniture and is a contributing editor for *Fine Woodworking Magazine*. He lives with his wife and their three children in rural Pennsylvania. We collaborated with Steve to develop our line of inlay tools (p. 46) as well as this DVD series on inlay.

Fundamentals of Inlay Series:

Stringing, Line & Berry $40.

Learn quick precise methods of inlay work by inlaying a traditional line & berry motif on a spice box door. 2008. 155 min.

Making Ornamental Bandings 25.

Make your own inlay bandings using a few simple tools and jigs. 2010. 107 min.

Federal Table Leg 40.

Master more complex inlay designs using several traditional motifs found on Federal table legs. 2008. 191 min.

NEW! **Paterae, Part I** 40.

Paterae has a rich history in American furniture design and these oval-shaped ornaments often graced the pilaster of Federal-stye table legs. Learn about the tools, materials, and methods of Paterae. 2012. 141 min.

Christopher Schwarz

Chris Schwarz is an active woodworker, teacher, writer, and hand tool enthusiast. He built his first workbench at the age of eight, and spent summers helping his father build two houses on their family farm in Arkansas, using mostly hand tools.

Formerly the editor of *Popular Woodworking Magazine*, Chris continues to share his passion for hand tool woodworking through his publishing company, Lost Art Press. By unearthing the lost art of hand skills, he seeks to help the modern woodworker restore the balance between hand and machine work to produce furniture that is crisp, well proportioned and quickly made.

Forgotten Hand Tools $25.

Traditional methods of drawboring, hand sawing, and nailing are fast, accurate, and yield sturdy furniture that can last several lifetimes. Chris' techniques may change the way you do woodworking. 2005. 87 min.

Coarse, Medium and Fine 25.

Chris demonstrates which planes are most effective for each of the three stages of woodworking: roughing, refining, and finishing. 2005. 65 min.

Building Furniture with Hand Planes 25.

Learn which planes you need for furniture-making and how to use them, from Jointers to Smoothers to Block Planes. 2005. 60 min.

Hand Scrapers: Understanding, Preparing & Using the Ultimate Finishing Tool 20.

Use Chris' sharpening techniques to turn your simple hand scraper into the ultimate finishing tool. 2007. 30 min.

The Workbench: How to Design or Modify a Bench for Efficient Use 25.

A well-designed workbench should hold your project so you can easily work the faces, edges, and ends of your pieces. Chris shows various strategies and modifications to make your bench most efficient. 2008. 40 min.

Sawing Fundamentals 25.

Learn proper grip and stance for accurate hand sawing, which saw to use for specific jobs, and how to execute the three classes of saw cut. 2010. 57 min.

George Walker

George Walker specializes in teaching the art of woodworking design. He has written numerous articles for woodworking magazines nationwide, including *Popular Woodworking*.

The Lie-Nielsen George Walker DVD series won the 2010 Bronze Telly Award for outstanding educational film production.

Unlocking the Secrets of Traditional Design $25.

Explore the design principles of classical architectural orders for creating visually balanced and well-proportioned furniture. 2009. 68 min.

Unlocking the Secrets of Traditional Design: Moldings 25.

Learn the tools and techniques for making well-proportioned moldings that add flair and structure to your furniture. 2009. 50 min.

Peter Follansbee

Peter Follansbee specializes in 17th century period joinery and makes reproduction furniture at Plimoth Plantation, the living history museum in Plymouth, Massachusetts. In addition to teaching the craft at schools around the USA, Peter recently coauthored the book, *Make a Joint Stool from a Tree: An Introduction to 17th Century Joinery*, with Jennie Alexander.

17th c. New England Carving $25.
Learn how to create the geometric, floral, and architectural elements upon which this style of hand-carved decoration is based. 2010. 88 min.

17th c. New England Carving: Carving the S-Scroll 25.
In his second DVD, Peter focuses on the S-scroll and guides you through the tools, materials, layouts, and techniques involved in creating this hand-carved motif. 2011. 100 min.

NEW! Master Workshop Series: 17th c. Joined Chest 40.
From log selection to riving stock to joinery techniques, Peter teaches you green woodworking methods to make a sturdy, joined chest using only a few hand tools. 2012. 213 min.

David Charlesworth

David Charlesworth has been teaching fine furniture making at his Devon workshop since 1977, and is widely respected in England as a writer for Furniture and Cabinetmaking magazine. His specialty is getting the most out of hand tools in precise, original and efficient ways.

Chisel Techniques for Precision Joinery $25.
David reveals his methods for precise, freehand chisel work to get the most out of these simple yet versatile tools. 2007. 100 min.

Furniture Making Techniques: Five Topics 40.
David teaches five important skills to help refine your woodworking: planing difficult woods, edge jointing, finish-planing assembled pieces, crisp bevels to finish edges, and using the shoulder plane. 2008. 188 min.

Hand Tool Techniques, 4-part series:

Available individually or as a 4-part set for $90.

Plane Sharpening $25.
Learn David's sharpening techniques for getting a razor sharp plane blade in minutes and cambering blades with confidence. 2004. 77 min.

Hand Planing Techniques 25.
Hand planing techniques for precise, efficient preparation of furniture-sized components. 2005. 93 min.

Precision Preparation of Chisels for Accurate Joinery 25.
Sharpening chisels requires a different approach than plane blades. David's methods speed up the honing process using waterstones and a simple triple bevel to keep your chisels razor sharp. 2006. 64 min.

Precision Shooting Simplified 25.
David's shooting techniques will help you shoot accurate joints, quickly and reliably, both free-hand and with shop-made shooting boards and miter fixtures. 2005. 63 min.

Larry Williams

Larry Williams started in architectural woodworking in 1977 and began making planes shortly afterward. He has taught plane making at Marc Adams School of Woodworking, Arrowmont School of Arts and Crafts, and North Bennet Street School. His work or articles have been featured in a several woodworking books and magazines. In 2006, the Arkansas Department of Cultural Heritage and the Arkansas Arts Council recognized Larry and his work in plane making with their "Arkansas Living Treasure" award.

Making Traditional Side Escapement Planes — $40.

Learn to make your own molding planes. Larry demonstrates the traditional method of making a pair of hollow and rounds from a solid billet as well as blade making, hardening, and tempering. 2007. 180 min.

Sharpening Profiled Hand Tools — 25.

Master the challenge of sharpening profiled blades. Larry shares his years of experience as he shows how to correctly sharpen various molding plane blades and other specialized tools. 2009. 92 min.

Don McConnell

Don McConnell has over 25 years of experience building custom furniture in traditional styles and executing one-of-a-kind architectural woodwork, including elements of geometric handrails. He co-authored the book, *Hand-Saw Makers of Britain,* and was a contributing editor for *Popular Woodworking Magazine*. Don is a partner in Clark & Williams, one of the only contemporary companies making traditional Western-style wooden planes. More than 20 Clark & Williams planes are currently in use in Colonial Williamsburg.

Traditional Molding Techniques: The Basics — $25.

Learn how to lay out and hand cut your own molding profiles with simple hollows and rounds. 2007. 80 min.

Traditional Molding Techniques: Cornice Moldings — 25.

Learn traditional methods for making complex cornice moldings using snipes bills, rabbet planes, and a few hollows and rounds. 2009. 71 min.

Brian Boggs

Brian Boggs' years of experience building the chairs for which he is famous has given him unique insights into the design and use of drawknives, spokeshaves and travishers. He has worked with Lie-Nielsen Toolworks to develop new interpretations of these tools for today's woodworkers.

Hickory Bark From Tree to Chair — $20.

Learn how to prepare and weave hickory bark seats. 2003. 48 min.

Drawknives, Spokeshaves & Travishers: a Chairmaker's Tool Kit — 20.

Using a shavehorse, Brian demonstrates these tools for curved work as he shapes and smooths chair parts. 2005. 53 min.

Notes

How to Order

Online: www.lie-nielsen.com

Phone: 1-800-327-2520
(Monday-Friday, 8:30AM-5PM EST)

Fax: 1-207-273-2657. Include credit card number, expiration date, and signature.

Mail: Print and fill out the order form on our website, or simply write your order on a sheet of paper. Enclose check or money order (US funds only) for purchase amount plus shipping, and mail to: Lie-Nielsen Toolworks, P.O. Box 9, Warren, ME 04864

Showroom: You are welcome to visit our Showroom and tour our Shop, Mon-Fri, 8:30AM-5PM EST, at 264 Stirling Rd., Warren, ME 04864.

Pricing: Prices and shipping costs are subject to change. Please check our website for latest pricing.

Shipping Charges:

USA: Flat rate of $6 per tool, $3 per accessory, with an $18 maximum* for regular UPS shipping.

Canada: Flat rate of $8 per tool, $4 per accessory, with a $24 maximum* for regular shipping.

Overseas: Actual shipping rates apply. Customer will be responsible for any additional duties or customs fees.

**Additional shipping charges apply for Workbenches, Vise Hardware, Shavehorse, Granite Sharpening Station, Axes, and the No. 51 Shoot Board Plane.*

Returns: If you are dissatisfied with our tool for any reason, return it within 30 days of purchase for a full refund. Wrap and pack the tool carefully in a sturdy box to prevent damage during transit. Include an explanation for the return and be sure to insure the package with your mail carrier.

Availability: Although we make every effort to maintain stock on all our tools, quality is our highest priority. Our tools are not mass-produced and we put a great deal of handwork and time into each one. We may ask for your patience if your tool of choice is not immediately available. Delays for our tools are typically no longer than three weeks and we think you'll find the tool you get will be worth the wait.

Authorized Dealer Locations

While we encourage our overseas customers to order from us directly, we have partnerships with fine tool distributors around the world to give you the chance to try our tools in person. Local pricing and availability may vary, please contact the dealers for details.

Australia
Henry Eckert Merchant www.henryeckert.com.au

France
Auriou Toolworks www.forge-de-saint-juery.com

Germany
Dictum www.mehr-als-werkzeug.de

Ireland
Carpentry Store www.thecarpentrystore.com

Italy
4WOOD www.4wood.eu

Japan
Mirai Int'l www.mirai-tokyo.co.jpl

Korea
Shinhueng-Sejin www.protool.co.kr

Netherlands
Baptist voor Houtbewerkers www.baptist.nl

Russia
Rubankov Fine Tools rubankov.ru

Spain
Comercial Pazos www.comercialpazos.es

Sweden
Rubank Verktygs AB www.hyvlar.se

United Kingdom
Axminster www.axminster.co.uk
Classic Hand Tools www.classichandtools.com
G&S Specialist Timber www.toolsandtimber.co.uk

The Lie-Nielsen Lifetime Guarantee:
Materials and workmanship are guaranteed for the life of your tool.

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Lie-Nielsen TOOLWORKS® INC.

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