

These are things that everyone can use. In fact, they are mostly things that everyone can use a couple of, so it's okay if the recipient already has one.

## Combination Squares

Combination squares are used by machinists, carpenters, wood workers, and virtually everyone else that picks up a tool.

We have a broad range of combination squares and combination square sets that range in price from less than \$40 to almost \$200.



P/N 1250  
\$36.95

### [Combination Square Set, 12"](#)

Our imported combination square set is a good starter set at a very affordable price. It includes a 12" stainless steel blade, a square head, a center head, and a protractor head.



P/N 2738  
\$99.95

### [Combination Square Set, PEC 12"](#)

This combination square set is made in the US. It is a commercial-grade tool that is commonly used in industry. It includes a 12" machinist's blade, square/miter head, protractor head, and center head.

The combination square was invented by L. S. Starrett in 1877. So by giving a Starrett combination square, you are giving a bit of history along with a useful tool that will probably last a couple lifetimes. I use a combination square that my father-in-law gave me after he retired from the Jet Propulsion Laboratory. I expect to pass it on to a son-in-law or grandson when I am done with it.



P/N 1839  
\$65.00

### [Combination Square, Starrett 12"](#)

Here is the basic 12" Starrett combination square. It has a blade plus a square and miter head.

The square has a reversible lock bolt, scribe, spirit level, and a hardened steel, machine-divided blade with regular finish. Cast iron head with black wrinkle finish. The blade is 1" wide and 3/32" thick. Starrett catalog number 11H-12-4R



P/N 3589  
\$195.00

### Combination Square Set, Starrett 12"

This is the complete 12" Starrett combination square set. It has a blade, a square and miter head, a centering head, and a protractor head.

The combination square set has reversible lock bolts, scriber, spirit level in both square head and protractor head, direct reading double 180° protractor scale, and a hardened steel, machine-divided blade. Cast iron heads with black wrinkle finish. The blade is 1" wide and 3/32" thick and has a satin chrome finish.

Starrett catalog number C435-12-4R



P/N 2656  
\$117.00

### Combination Square Set, Starrett 6"

This 6" Starrett junior combination square set has a square and miter head, a centering head, and a blade.

These squares are used by mechanics, toolmakers and patternmakers because of their compact, small size and light weight. Both blade and heads are smaller than on regular squares. Heads are drop forged, hardened steel and have smooth, black enamel finish.

The blade is 3/4" wide and 5/64" thick.

Starrett catalog number 33JHC-6-4R



P/N 2451  
\$57.00

### Combination Square, Starrett 4"

This 4" Starrett combination square has myriad uses around the machine shop because of its small size. It can fit in many places a larger combination square cannot. It has a blade plus a square and miter head.

The square has a reversible lock bolt, scriber, spirit level, and a hardened steel, machine-divided blade with regular finish. Cast iron head with black wrinkle finish.

The blade is 5/8" wide and 1/16" thick.

Starrett catalog number 11H-4-4R

## **Drill Sets**

Everyone uses drill bits. And everyone appreciates good drill bits. These drill sets all cover the same size range; from 1/16" to 1/2". These are the most-used sizes in every shop. You can think of them as "good", "better", and "best".



P/N 2828  
**\$44.95**

### [Drill Set, 29 Piece Jobber Length HSS](#)

This 29-piece high speed steel drill set includes drills from 1/16" - 1/2" by 64ths. The drills are surface treaded for a black finish and have 118° points.

These are jobber length drills with straight shanks. Jobber length drills are normal length drills. The set includes a metal index for storing the drills.

Most of our drill sets are from Republic Drill Corporation in Illinois. Although this drill set is imported, Republic Drill Corporation has a set of standards that guarantee that these are quality drills.



P/N 2829  
**\$85.95**

### [Drill Set, 29 Piece Jobber Length HSS](#)

This 29-piece high speed steel drill set includes drills from 1/16" - 1/2" by 64ths. The drills are surface treaded for a black finish and have 135° split point.

These are jobber length drills with straight shanks. Jobber length drills are normal length drills. The set includes a Huot brand metal index for storing the drills.

This drill set is made in the USA.



P/N 3591  
**\$119.95**

### [Drill Set, 29 Piece Turbomax Tip](#)

This 29-piece high speed steel drill set includes drills from 1/16" - 1/2" by 64ths. The revolutionary Turbo Point tip design stays sharper longer and drills up to 28 percent faster than standard drills. They have a gold oxide finish

These drills have a three-flatted shank design that provides better chuck grip and reduces slippage. They are made from M-2 high speed steel for the best combination of strength, heat resistance, and wear resistance.

The set includes a metal index for storing the drills.

These are jobber length drills with three-flatted shanks on larger sizes. Jobber length drills are normal length drills.

This drill set is made in the USA.

## **Pocket Level**

Here's a tool that even most ardent tool collectors do not have. The only reason I know they exist is because my grandfather gave me one when he retired as an architect. He had carried it for many years to check the construction on buildings he was working on. I have found it useful to have a small, yet precise, level.



P/N 3560  
\$24.00

### [Pocket Level, Starrett](#)

This Starrett 3.5" pocket level is an extremely useful level that fits handily in the pocket with no sharp edges. Made from hexagonal stock with convex ends and satin nickel-plated finish.

Starrett catalog number 135B

## **Dial Indicator and Magnetic Base**

A dial indicator and a magnetic base combine to make one of the basic measuring instruments of the machine shop. While almost every machinist has at least one, adding another is never a problem. They are so useful that they tend to be left set up for a particular task.



P/N 1782  
21.95

### [Dial Indicator, Magnetic Base & Point Set](#)

This economical package makes a good gift because it combines all the required parts in a plastic case.

The 1" stroke dial indicator features large, easy to read numbers and crisp graduations.

Each revolution is 0.100", indicated by the revolution counter. The resolution is 0.001". There is a mounting lug on the back of the case.

The magnetic base indicator holder has a fine adjustment feature. The on/off switch makes it easy to position. The v-groove base allows you to mount it on cylindrical surfaces.

Includes a 22-piece indicator point set and a plastic case.



P/N 3522  
\$54.95

### [Dial Test Indicator, 0-15-0 x 0.0005" and Universal Magnetic Base](#)

This dial test indicator has 0.0005" graduations and a range of 0.030" in either direction. The dial test indicator features a 7 jewel movement. It includes 5/32" and 3/8" diameter posts, dovetails on the back and end, and a 0.080" diameter point.

The unique central locking mechanism on the magnetic base locks all motion with one knob. The on/off switch makes it easy to position, while the V-groove base allows you to mount it on cylindrical surfaces. Magnetic base includes a fine adjustment

This magnetic base is the perfect size for mini lathes and mini mills. It accepts dial indicators with 3/8" stems and dial test indicators with dovetails.

This set comes in a fitted case.



P/N 3073  
\$89.50

### [Electronic Indicator, Electronic Caliper, and Magnetic Base Set](#)

This set includes an electronic digital indicator, an electronic digital caliper, and a magnetic base.

The 0-1" electronic digital indicator has a 1" stroke, 0.001" resolution, and 0.001" accuracy.

The 0-6" electronic digital caliper has 0.0005" resolution, and 0.001" accuracy.

The magnetic base includes an on/off switch and fine adjustment.

The set includes a fitted case.

There are three buttons on the indicator and caliper; ON/OFF for power, ZERO to zero the display, and INCH/MM to switch between display of inches and mm.

## ***Stirling Engines***

There's no better gift for a mechanically-minded person than a desk accessory that actually runs. These Stirling-cycle engines run with the addition of some denatured alcohol. And they still look great just sitting still.



P/N 2213  
\$189.95

### [Model Stirling Horizontal Engine Fully Assembled](#)

This is an operating model of a horizontal Stirling cycle engine. This fully assembled model includes everything shown in the photo.

The completed model is 10" long, 4½" wide, and 4" tall. The base is 12¼" long and 6-3/8" wide.



P/N 2212  
\$215.95

### [Model Stirling Walking Beam Engine Fully Assembled](#)

This is an operating model of a walking beam Stirling cycle engine. This fully assembled model includes everything shown in the photo.

The completed model is 8½" long, 3½" wide, and 6½" tall. The base is 12¼" long and 6-3/8" wide.

## Starrett Tools

The L.S. Starrett Company began making quality tools in 1880. Starrett's reputation for excellence is legendary. A person that respects quality tools will appreciate receiving virtually any tool with the name "Starrett" on it.

All the Starrett tools in this list are "safe" gifts, as they will be appreciated and used even if the recipient already has one. These Starrett products are listed in order by price.



P/N 1824  
\$8.70

### Scriber with 2-3/8" Point, Starrett

The 1/4" diameter handle is of steel, knurled, and nickel plated. The scriber point is steel, properly hardened and finely tapered so that the location of the point is not obscured. The scriber is held firmly in the handle by a knurled chuck and when not in use can be reversed, telescoped into the handle, and locked by the chuck. The hexagon head prevents rolling.

The scriber point is shipped reversed in the handle so the point is protected.

Starrett catalog number 70A



P/N 2655  
\$11.00

### Scriber with 2-7/8" Point, Starrett

The 3/8" diameter handle is of steel, knurled, and nickel plated. The scriber point is steel, properly hardened and finely tapered so that the location of the point is not obscured. The scriber is held firmly in the handle by a knurled chuck and when not in use can be reversed, telescoped into the handle, and locked by the chuck. The hexagon head prevents rolling.

The scriber point is shipped reversed in the handle so the point is protected.

Starrett catalog number 70B



P/N 2621  
\$19.50

### Tap Wrench, Starrett

This little tap wrench is a work of art. While fully functional, it is almost too pretty to use as a tool. It would serve well, mounted on a block of walnut, as desk art.

This is a well-designed tap wrench, ideal for holding smaller diameter taps, drills, reamers, and other tools up to 1/4" (6.35 mm) in diameter. The wrench is 3.63" (90 mm) long, and it works with 0 - 14 tap sizes.

It will firmly grip round or square shanks, is lightweight and well proportioned. The gripping surface is properly heat treated to withstand any ordinary use.

Starrett catalog number 174



P/N 3562  
\$35.00

### Hacksaw Frame, Starrett Heavy Duty

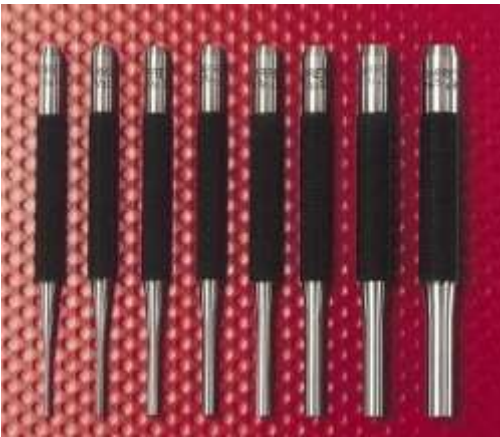
I have never seen a hacksaw as solid as this one.

The K153 is a rugged, professional quality high-tension frame constructed of cast aluminum with an extra-thick tubular steel bar for added strength. It's a 12" (300mm) frame, with a 4-3/8" (110mm) throat depth. The steel tube also provides on-hand storage for spare blades.

The K153 High-Tension Frame is engineered for use with Starrett bi-metal Bluestripe® and Greenstripe® blades.

With just three 360° turns, the easy to use adjusting screw will tension the blade up to 28,000 psi (2,000kg/cm) which prevents the blade from twisting and binding when bearing down on the cut. Each K153 Heavy Duty High-Tension Frame is shipped with a Starrett Bluestripe bi-metal unique ground tooth hacksaw blade.

Starrett catalog number K153



P/N 1821  
\$46.50

### Drive Pin Punches, Starrett

Nowhere do you need quality tools more than in tools that you beat on. Machinists have been beating on Starrett punches for over a hundred years.

Starrett 8-piece drive pin punch set includes the following diameter punches: 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 5/16". Each punch has the size stamped on the head.

These punches are universally used, but most often by machinists. They are well-proportioned for ease of use. The specially selected tool steel is hardened and tempered to the proper hardness. All of them feature nicely knurled finger grips for ease of handling. A special tempering process makes the head less likely to fracture from a hard, off-center blow. The set comes in a round wood box.

**ALWAYS WEAR SAFETY GLASSES WHEN USING STRIKING AND STRUCK TOOLS**

Starrett catalog number S565WB



P/N 3178  
\$47.50

### Precision Screwdriver Set, Starrett

The Starrett No. 551 Screwdrivers in this set of 7 are lightweight and have an ergonomic design, making them easy to work with. Yet the No. 551 is a rugged product. The blade/contacts are made of chrome-vanadium, molybdenum steel, hardened and chrome-plated, allowing them to hold up well in the toughest applications.

Soft-touch handles are tapered and proportioned to blade for rapid rotation and spin-free finger control cap provides precise turning and control.

Flat Blade widths are: .060"/1.5mm, .080"/2.0mm, .100"/2.5mm, .120"/3.0mm

Three Phillips blades: #00, #0, and #1

The precision-machined tips are top quality for an exact fit.

Starret catalog number S551Z-7



P/N 1835  
\$99.63

### Dial Indicator, 1", Starrett

This is Starrett's version of one of the most-used measuring instruments in the shop—the dial indicator. This indicator is not only a measuring device that will last a lifetime or two, it is almost a work of art.

Range: 1.000"  
Face diameter: 2¼"  
Graduations: 0.001"

These indicators have a shockless, hardened steel gear train and jewel bearings. They are furnished with a lug on the center of the back.

Starrett catalog number 25-441J



P/N 3180  
\$142.00

### Micrometer, 0-1", Starrett

This is the jewel of precision micrometers used by skilled workmen worldwide. It has a range of 0-1", and it's accurate to 0.0001". The spindle and anvil are sized at 0.235" (6mm) to reach places most micrometers cannot reach.

The balanced frame and thimble design insure easy handling and better readability. A ring-type knurled lock nut provides quick and sure locking. The combination ratchet and speeder provides uniform pressure and quicker adjustment. A gracefully designed tapered frame allows use in narrow slots and tight places.

The micrometer has a rigid one-piece frame of drop forged steel and an extremely hard and stable one-piece spindle (the heart of the accuracy). It features micro-lapped measuring faces, quick and easy adjustment, plus Starrett workmanship.

Starrett catalog number T230XRL



P/N 1819  
\$146.00

### Dial Indicator, Starrett Last Word

There are not many "old time" machinists who don't have one of these in their tool box.

The venerable Last Word® Dial Test Indicator is among the most versatile available. Their small size and variety of attachments will handle all jobs with ease and accuracy. A very useful feature is the shaded dial; when used with a mirror, such as in a jig bore application, the operator will always know what the correct reading is.

Dial indicator with universal friction holder with shank

Graduation: 0.0005"  
Range: 0.030"  
Dial Reading: 0-15-0  
Steel Contact Point Length: 5/32" (4 mm)  
Steel Contact Point Ball Diameter: 0.120" (3 mm)  
Starrett catalog number 711LPSZ



P/N 1836  
\$492.00

### Micrometer Set, 0-3", Starrett

Need to make amends for that \$800 sewing machine you purchased without telling hubby? Here is the solution to your problem!

These are the most popular precision micrometers used by skilled workmen worldwide. They are accurate, rugged, and easy to use.

All Starrett micrometer sets come with attractive, protective cases that keep micrometers and standards together, readily accessible.

- Starrett satin chrome finish - no glare - resists rust
- Advanced sleeve design with staggered lines and distinct figures for precise and easy readability
- Convenient decimal equivalents on one-inch micrometers
- Balanced frame and thimble design insure easy handling
- Ring-type knurled lock nut for quick and sure locking
- Smooth friction thimble for uniform pressure, the combination ratchet and speeder for uniform pressure and quicker adjustment, or a plain micrometer that depends on your own "feel"
- Gracefully designed tapered frame for use in narrow slots and tight places
- Rigid one-piece steel frame ribbed for extra strength
- Extremely hard and stable one-piece spindle (the heart of our accuracy)
- Micro-lapped carbide measuring faces
- Quick and easy adjustment
- Starrett workmanship

Starrett catalog number ST436.1AXRLZ

### ***Machinist's Jack Set***



P/N 2907  
\$14.95

### Machinist's Jack Set

Machinist's jacks are used to support odd sized or odd shaped objects. Use them to support the ends of long workpieces that extend beyond your vise jaws. Use them to support the edges of items that you are clamping with your clamping kit.

The machinist's jack includes lots of parts that you can mix and match to meet your needs: machinist's jack, two extension bases, an auxiliary pointed screw, and inner and outer V bases.

## Shop apron



P/N 2185  
\$15.95

### [Shop Apron](#)

We had these aprons custom-made to our design out of heavy-duty denim.

The swinging top pocket ensures that valuable items such as a micrometer or your glasses do not fall out when you bend over.

The large left pocket is just the right size for a 6" dial or digital caliper. The Velcro on the flap ensures that it is protected.

## Gift certificates

Couldn't find the perfect gift? Gift certificates provide a great solution.



P/N 1675  
\$100.00

### [Gift Certificate, \\$100](#)

LittleMachineShop.com gift certificates make great gifts. Now you know exactly what to give, and you don't need to worry about whether or not it fits.



P/N 1674  
\$50.00

### [Gift Certificate, \\$50](#)



P/N 1673  
\$25.00

### [Gift Certificate, \\$25](#)

## Stocking Stuffers

Need an inexpensive stocking stuffer?



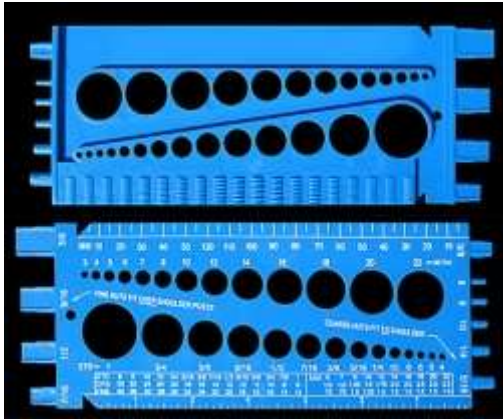
P/N 1671

\$2.99

### Deburring tool

Deburring tools wear out, so you can include one every year. This deburring tool has a built-in E-100 blade.

It deburs holes with a flick of the wrist.



P/N 3459

\$4.95

### BoltSize-It Bolt and Nut Checker

Sizes bolts, nuts, and screws

Sorts coarse threads, fine threads, and metric threads

Size bolt diameter by pushing bolt through sizing holes

Gauges hex nuts and washers (USS, SAE)

Gauges metric hex nuts and washers by holding under metric holes

Measure US and metric thread pitch

Special notch gauges flat headed metal and wood screws

Ruler marked with inches and millimeters

Sturdy and lightweight plastic resists water, alcohol, oil, and grease

Fits in shirt pocket (8-5/8" x 3/4" or 217 mm x 82 mm)