

WINCHESTER

TRADE MARK

POCKET
CATALOG

of

TOOLS

1923

For Sale at

**THE
WINCHESTER
STORE**

WINCHESTER

TRADE MARK

Tools Do Work That Satisfies

NO MORE convincing proof that Winchester tools are everlastingly right can be given than this:

Winchester has made the precision tools used in the manufacture of Winchester guns for about 60 years. This knowledge of the making of accurate, dependable tools has now been applied to the line of Winchester carpenters' and mechanics' tools.

Everyone needs good tools. For the artisan or the householder the exclusive features built into Winchester tools, their correct design and perfection of workmanship, assure the utmost satisfaction for any job.

Good tools require high grade materials and workmanship. In addition they demand expert knowledge of steel treatment and experience in precision manufacture.

With the exceptional fitness of its manufacturing experience for the making of high grade tools, the Winchester Repeating Arms Company has developed this comprehensive line of tools to represent to tool users what a Winchester means to the gun lover.

Winchester tools are made to do the best work with minimum effort. They give satisfaction on every job.

Keep your tool kit at maximum efficiency with Winchester tools—sold only at the Winchester Store.

Manufactured by

Winchester Repeating Arms Co.

New Haven, Conn., U. S. A.

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Hammers



WINCHESTER Hammers have the right "feel." These high grade hammers are balanced so that the weight is centered behind the face, which gives the greatest accuracy and control.

Heads are forged from crucible steel and properly tempered to withstand the severest service. The carefully formed faces

are ground to a perfect crown. The heads are securely locked to the handles by Winchester patented interlocking wedges, illustrated on this page. Claws have a vise-like grip that will pull a headless nail of any size from any position. Handles are of second growth hickory and are formed to fit the hand.

Nail Hammers *Octagon Neck and Poll*

Handsomely finished, full polished hammer with octagon neck and poll. Adze eye. Bell



face. Curved claw. Hand shaved octagon neck handle of fine grained hickory. 14 and 17-ounce heads.

The Winchester octagon neck pattern is also offered full nickel plated and handled with black ebonized handle making a strikingly handsome as well as useful tool. 14 and 17-ounce heads.

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Nail Hammers

Curved Claw

Adze eye. Bell face. Curved claw. Full polished with black



finish on poll, neck and under claws. Specially designed adze eye prevents buckling or cracking at corners. 7, 13, 16 and 20-ounce heads.



Straight Claw

Adze eye. Bell face. Straight claw. Full pol-

ished. Dull black finish on poll, neck and under claws. 16 and 20-ounce heads.

Curved Claw

Adze eye. Plain face. Curved claws. Full polished. Dull black finish under claws.



13, 16 and 20-ounce heads.

Machinists' Hammers



Ball Pein

Plain eye. Dull black finish with striking poll, sides and pein polished. Eight weights ranging from 4 to 32 ounces.

Plain Eye Riveting

Plain eye. Full polished. 4, 8 and 12-ounce heads.





Saws

SAWS suited to every purpose of carpenter, cabinetmaker and the man in the home. Blades of selected spring steel, carefully heat treated. Full taper ground and smithed by expert saw makers to assure smooth, easy cutting and prevent binding. Teeth carefully filed and set. Full range of patterns and sizes for any need you may have.

No. 10 Grade Saw

Blades of extra spring steel, expertly tempered. Taper ground back. Full polished. Teeth hand filed and set. Finely carved, varnished apple-wood handle.



Skew Back Pattern

Rip Saw—26-inch and 28-inch. 5 to 6½ point.

Hand Saw—26-inch. 7 to 12 point.

Panel Saw—18, 20, 22 and 24-inch length. 9 to 11 point.



Ship Saw—Skew Back

26-inch—8, 9 and 10 point.

WINCHESTER

TRADE MARK

Saws



Straight Back Pattern

Rip Saw—26-inch and 28-inch. 5, 5½ and 6 point.

Hand Saw—26-inch. 7 to 12 point.

Panel Saw—18, 20, 22 and 24-inch length. 9 to 11 point.



Ship Saw—Straight Back

26-inch—9, 10 and 11 point.

No. 13 Grade Saw.

A well made, serviceable saw of special spring steel. Carefully filed and set. Varnished handle. A saw of service and satisfaction at a moderate price.



Straight Back Pattern

Rip Saw—26-inch. 5, 5½, 6 and 6½ point.

Hand Saw—26-inch. 7, 8, 9, 10 and 11 point.



Saws



Cross Cut Perfection Lance

Perforated lance teeth. Four gauges thinner on back than at tooth edges. Full patent ground. Three sizes, 5, 5½ and 6 feet long.



Narrow Blade Two-Man Cross Cut Saw

Made of high grade crucible steel. Polished blade. Narrow perforated lance tooth. Back of blade two gauges thinner than tooth edge. Width at center 3¾ inches. 5, 5½ and 6-foot sizes.



One-Man Cross Cut Saw

Perforated lance tooth saw. Polished blade of high grade crucible steel. Furnished with supplemental handle. 4½, 5 and 5½-foot sizes.



Carpenters' Pencil

Has strong, heavy lead for marking lumber plainly. 7 and 9-inch sizes. Attractively finished and shaped for convenience and service.



Saws

Adjustable Hack Saw Frame



Nickel-plated steel frame. Riveted sockets. Mahogany stained handle. Adjustable to hold blades from 8 to 12 inches. Depth from inside edge of frame to tooth edge of blade, $3\frac{3}{8}$ inches.



Adjustable Hack Saw Frame

Nickel-plated steel frame. Rubber composition, pistol grip handle. Adjustable to hold blades from 8 to 12 inches. Riveted sockets.

Hack Saw Blades

Made in two styles, one hardened throughout, and the other flexible. Former made of tungsten steel by a process that makes blade hard and tough without being brittle. Teeth milled to assure greatest possible strength. Every third tooth straight to act as cleaner.

Made in 16 and 24-point blades in three lengths, 8, 10 and 12-inch.

Flexible hack saw blades are made of same high quality tungsten steel as the all hard pattern. They have same set and shape, but have only teeth tempered and hardened, making blade unbreakable. Especially useful for plumbers, electricians and garage men. Also desirable for persons not much used to this type of saw as they are simpler to handle. 18 point, three lengths, 8, 10 and 12 inches.

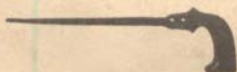


Saws

Back Saw



Used for mitre work, such as picture framing, moulding and cabinet work. Strongly made of high-grade steel. Three sizes of blade, 10, 12 and 14 inches.



Keyhole Saw

Length, 10 inches. Narrow, very flexible blade. Fine steel. Excellently adapted to the fine work required of this type of saw.

Compass Saw



Similar to keyhole saw, but with wider blade. Blade made of refined crucible steel. Varnished handle. Made in 12, 14 and 16-inch lengths.



Coping Saw

Heavy nickel-plated crucible steel frame. Hardwood handle. Blade tightens by turning handle and may be adjusted for any angle. Complete with blade.

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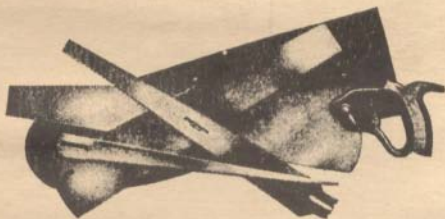
TRADE MARK

Saws



Nest of Saws

Three fine blades, designed for different purposes, readily attachable to one handle. Interchangeable blades include: one 10-inch keyhole blade; one 14-inch compass blade; one 14-inch pruning blade. Hardwood handle. Nickel-plated screw and lever.



Saw Kit

A combination of blades that provides a handy kit for practical mechanic, householder and farmer. Highest grade crucible spring steel blades. Adjustable beechwood handle with patent tightening lever. Contains the following assortment of blades: 14-inch Compass Saw; 16-inch Special Blade; 18-inch Plumber's; 20-inch Hand. Packed in durable canvas case.

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TRADE MARK

Wood Saws



Wood Saw

Strong reinforced hardwood frames. Enameled in gray, stained red or mahogany or in natural finish. Strongly made with crucible steel blades, patent ground and tempered. Common tooth or Champion Tooth blades. Made in two sizes, 30 and 32-inch blades.

Rules and Squares

Winchester folding rules are made of carefully seasoned boxwood, accurately graduated and plainly stamped. All the metal parts are made of brass, which means they are not subject to rust.

Jointed rules are made of strong, flexible wood, well seasoned to insure against warping. Joints are of concealed type with stiff spring which keeps rule rigidly in place when opened.

Winchester steel squares are made of one piece of sturdy steel selected to hold its shape and remain thoroughly accurate after long use. Corners are carefully hardened. Graduations made with utmost care to assure accuracy. All two foot squares tapered. Dependable for the most exacting work.

Try and mitre squares fitted with special steel blades, machined and squared inside and out. Most of these try and mitre squares are finished in our new electro-zinc finish that is both attractive and rust proof.



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TRADE MARK

Wood Chisels

MADE from one solid piece of special steel. Sockets are machined inside to provide a tight, firm fit for the handle. Handles of seasoned second growth white hickory, shaped for comfortable use and firm grip. Heads of handles are a combination of leather and metal which gives all the rebound of leather, yet retains the strength of metal to prevent mushrooming.

Blades are made with deep beveled edges which allow the user to cut with the least resistance from the side of the chisel. Blades full mirror polished and sharpened ready for use.



Socket Butt Chisel

3-inch blade. Furnished in $\frac{1}{4}$ -inch widths from $\frac{1}{2}$ inch to 2 inches.



Socket Pocket Chisel

4 $\frac{1}{2}$ -inch blade. Furnished in $\frac{1}{4}$ -inch widths from $\frac{1}{4}$ to 2 inches and in $\frac{3}{8}$ -inch width.



Socket Firmer Chisel

6-inch blade. Furnished in $\frac{1}{8}$ -inch widths from $\frac{1}{8}$ inch to 1 inch; in $\frac{1}{4}$ -inch widths from 1 to 2 inches.



Planes

WINCHESTER planes have cutters of special grade steel carefully hardened, tempered and ground. The cutters are easily and quickly adjusted and are held rigidly in position, which prevents "chattering." The handles are carefully shaped. The beds of the wood bottom planes are made of thoroughly seasoned, kiln dried beechwood treated with oil to make them moisture proof. The iron planes have beds of cast iron finished with baked enamel.

Wood Bottom Bench Planes

Screw adjustment. Iron frame. Beechwood bottom. Highest grade crucible steel cutter. Black enamel frame. Sides and knob handle varnished. Cutters oil tempered and sharpened ready for use.

Wood Bottom Fore



Following patterns offered in wood bottom planes:

Pattern	Length	Cutter
Smooth (no handle)	9 inches	1 $\frac{3}{4}$ inches
Smooth (Handled)	9 inches	2 inches
Fore	16 inches	2 $\frac{3}{8}$ inches
Jack	15 inches	2 inches
Jointer	24 inches	2 $\frac{3}{8}$ inches



Iron Bench Planes

Screw adjustment. Smooth bottom. Iron frame. Highest grade crucible steel cutter. Handle and knob varnished. Cutters oil tempered and sharpened ready for use.

Iron Fore Plane



Iron Bench Planes are offered in these patterns:

Pattern	Length	Cutter
Smooth	8 inches	1 $\frac{3}{4}$ inches
Smooth	9 inches	2 inches
Smooth	10 inches	2 $\frac{3}{8}$ inches
Jack	14 inches	2 inches
Jack	15 inches	2 $\frac{1}{4}$ inches
Fore	18 inches	2 $\frac{3}{8}$ inches
Jointer	22 inches	2 $\frac{3}{8}$ inches



Corrugated Bottom Iron Bench Planes

Winchester Iron Bench Planes are also made with the carefully finished corrugated bottom shown in illustration above. Planes of the Smooth, Jack, Fore and Jointer patterns may be had in this construction, so well liked by many tool users.

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Planes

Knuckle Joint Block



Screw adjustment, nickel plated. Highly polished. All steel. Cutters of high grade crucible steel. Oil tempered and sharpened ready for use. 6 or 7-inch lengths. Cutters, $1\frac{5}{8}$ inches.



Low Angle Block

Screw adjustment. Made entirely of steel, nickel plated. Cutters of high grade crucible steel, oil tempered and sharpened. 7-inch length, $1\frac{5}{8}$ -inch cutter. 6-inch length, nickel plated, $1\frac{3}{8}$ -inch cutter.

Handled Cabinet Scraper



Japanned frame and handles. Cutter of highest grade crucible steel. Cutter oil tempered and sharpened ready for use. Length over all, 11 inches. Cutter, $2\frac{3}{4}$ inches.

Adjustable Scraper



Beechwood face. Japanned metal frame. Cutter made of highest grade crucible steel. Cutter oil tempered and sharpened ready for use. Face, $3\frac{1}{2}$ inches. Cutter, $2\frac{1}{2}$ inches.

An adjustable scraper is also made with mahogany handles in 6-inch length with 3-inch cutter.

WINCHESTER

TRADE MARK

Planes

Knuckle Joint Block



Screw adjustment, nickel plated. Highly polished. All steel. Cutters of high grade crucible steel. Oil tempered and sharpened ready for use. 6 or 7-inch lengths. Cutters, $1\frac{5}{8}$ inches.



Low Angle Block

Screw adjustment. Made entirely of steel, nickel plated. Cutters of high grade crucible steel, oil tempered and sharpened. 7-inch length, $1\frac{5}{8}$ -inch cutter. 6-inch length, nickel plated, $1\frac{3}{8}$ -inch cutter.

Handled Cabinet Scraper



Japanned frame and handles. Cutter of highest grade crucible steel. Cutter oil tempered and sharpened ready for use. Length over all, 11 inches. Cutter, $2\frac{3}{4}$ inches.

Adjustable Scraper



Beechwood face. Japanned metal frame. Cutter made of highest grade crucible steel. Cutter oil tempered and sharpened ready for use. Face, $3\frac{1}{2}$ inches. Cutter, $2\frac{1}{2}$ inches.

An adjustable scraper is also made with mahogany handles in 6-inch length with 3-inch cutter.

WINCHESTER

TRADE MARK

Planes

Router Plane

Screw adjustment. Open throat. Nickel plated. Cutters made of highest grade crucible steel. Handles varnished. Cutters oil tempered and sharpened ready for use. Quarter and half-inch cutters.



Fillister Plane

Japaned finish. Polished trimmings. Two seats for cutters. Depth gauge and spur, and removable arm and fence. Length, $8\frac{1}{2}$ inches. Cutter, $1\frac{1}{2}$ inches.



There are many other patterns of Winchester planes not shown here. Come in and look them over.

Levels



Accurately made levels in both wood and iron made with the greatest care. Metallic levels, strong, rigid and yet light in weight. Adjustable.



Wood levels are made of selected cherry or mahogany, fitted with brass tips and equipped with proved glasses. Furnished either in adjustable or non-adjustable styles.

Made in styles and sizes to meet any requirement.

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TRADE MARK

Screw Drivers



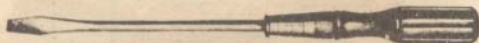
STRONG, well made screw drivers of highest quality. All Winchester screw drivers, with the exception of the household and pocket patterns, are made with the lug and notch construction illustrated on this page.

This so locks the blade in the handle as to prevent it turning or becoming loose. All blades, except in the two patterns named, are made of chrome steel, specially prepared for this work. Blades are tempered the whole length and will not bend or break. Handles designed to give a good, firm grip.



Mechanics' Special Pattern

Blade of chrome steel. Full tempered. Lug and notch construction. Blade runs through entire length of handle and forms the head. Blade lengths from 2 to 10 inches. Winchester gray handle.



Regular Champion Pattern

Blade of chrome steel. Full tempered. Lug and notch construction. Strong steel bolster, brass ferrule. Winchester gray handle. Seven sizes ranging in blade length from 2 to 10 inches.

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TRADE MARK

Screw Drivers



Cabinet Champion Pattern

Blade of small diameter, particularly designed for close and delicate work in tight places. Blade of chrome steel. Full tempered. Lug and notch construction. Strong steel bolster. Brass ferrule. Winchester gray handle. Blade diameter on three smaller sizes, $\frac{5}{32}$ of an inch; three larger sizes, $\frac{3}{16}$ of an inch. Blade lengths from 3 to 10 inches.



Household Screw Driver

A popular and highly practical tool for the home. Round, polished blade of special steel. Mahogany varnished handle. Blade firmly fastened into handle. Sizes ranging from 2 to 8 inches. An exceptionally fine driver at a popular price.



Pocket Screw Driver

Blade of high grade steel carefully hardened and tempered. Knurled for convenience in rapid rotation. Hard maple handle, shaped especially to fit the palm of the hand. Handle so made that it will drive surprisingly large screw easily and efficiently. Blade length, $1\frac{5}{8}$ inches.

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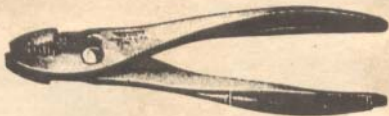
TRADE MARK

Pliers

Slip Joint Pliers

MADE with the grip you can depend upon to hold fast. Jaws sharply milled, thoroughly hardened and tempered. Designed to give greatest possible leverage and to work easily but without slipping. Entire plier forged from high grade tool steel. Handles are knurled to give better grip and shaped to fit the hand.

Winchester Slip Joint pliers will not bind. The special shouldered rivet, used on all Winchester slip joint pliers, prevents screw from binding and allows just the proper play to give that freedom of action that makes them so satisfactory in use. Combination slip joint pliers made in two finishes, full nickel plated and a special dull black, rustless finish at a somewhat lower price.



Combination Slip Joint Plier

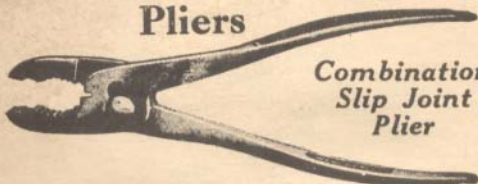
Large and small jaw grip. Wire cutting attachment. Screw driver on one handle. Winchester knurled handles. Length, 6 inches. Nickel plated or black rustless finish.

We also furnish the combination slip joint plier in 5½-inch vest pocket size. Both finishes.

WINCHESTER

TRADE MARK

Pliers



*Combination
Slip Joint
Plier*

Heavy type plier for severe duty. Design of jaws made to give good grip on large or small objects. Wire cutter and screw driver. Length, 8 inches. Nickel plated or black rustless finish.

A still heavier 10-inch plier of this type with great strength and leverage is also offered.



*Universal Slip
Joint Plier*

A finely made 7-inch plier admirably adapted for all general work. Shape of jaws makes it possible to grip firmly irregularly shaped objects. Forged from special steel, accurately machined and finely finished. Wire cutter in handle. Will do all the work of a parallel jaw plier. Nickel plated.



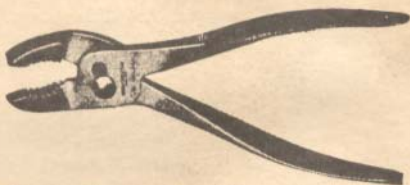
*Thin Nose
Slip Joint
Plier*

The thin nose and tapered jaws are valuable for use on objects hard to reach. Nickel plated. Wire cutter and screw driver. 7-inch.

WINCHESTER

TRADE MARK

Pliers



Bent Nose Combination Plier

Nickel plated. Slip joint. Shaped to permit work at odd angles and in holes without bruising the hand. Screw driver on handle. 8 and 10 inches.

Lap Joint Pliers

An assortment of patterns designed for adequately meeting the needs of users for many special tasks, for which the right plier is an essential, is offered in the Winchester line of Lap Joint pliers. These pliers are mechanically correct, easy in action and smooth and perfect fitting in the joints and right in workmanship.



Linesman's Side Cutting Plier

Forged from special steel. Heavy head. Jaws and cutting edges accurately machined. Powerful leverage. Handles carefully designed and knurled to fit the hand snugly without cramping or slipping. Three sizes, 6, 7, and 8½ inches. Winchester finish.

WINCHESTER

TRADE MARK

Pliers



*Diagonal
Cutting Pliers*

Designed especially for telephone men, switch-board builders and electricians. Forged from special steel, machined and fitted by skilled workmen. Joints sturdy and long to obtain rigidity in jaws and handles. Carefully tempered to fit particular use of this style of plier. Knives perfectly fitted to meet accurately at all points. 4, 5 and 6-inch sizes.



*End
Cutting
Pliers*

Exceptionally strong and easy end cutting nipper. Jaw is of special design that gives maximum leverage. Special beveled cutting edges correctly heat treated to insure ease in cutting. Handles designed to fit curvature of hand. Forged from special steel and carefully machined by highly skilled workmen. 5, 6 and 8-inch size.



*Round and Flat
Nose Pliers*

Forged from special steel. Carefully designed for the exacting needs of jewelers, opticians, watchmakers and mechanics. Four sizes, 3, 4, 5 and 6 inches. Made with either flat or round nose according to the special work for which they are required. Light in weight and very convenient for precision work. 3, 4, 5 and 6-inch sizes.

WINCHESTER

TRADE MARK

Pliers



*Electricians'
Side Cutting*

Beveled, light nose type. Made especially for electricians and mechanics who do not need the heavier profession lineman's plier. Especially adapted for interior electric wiring. Also highly serviceable in 4-inch size for millinery workers. 4, 5 and 6-inch sizes.



*Duck Bill
Pliers*

Long, slender spring tempered jaws. Close fitting lap joint. Strongly made and carefully designed for work of jewelers, opticians, loom-fixers, weavers, knitters, radiator repairmen and switchboard workers in adjusting springs. 4 and 5-inch sizes.



Ice Picks

Sturdily made with strong steel pick sharpened to effective splitting point. A great convenience in every home and a real ice saver in breaking up large cakes of ice. Handles comfortably shaped to fit the hand. Two styles of handle, both black ebonized finish. One is metal capped for cracking ice.



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Cold Chisels and Punches

Forged from high grade steel, hardened and tempered by the most exact process known to the science of heat treating to meet the most exacting demands. Winchester Cold Chisels are made to cut metal cleanly and without chipping the edge. Heads will stand repeated blows under the sledge hammer without damage. Each piece in the Winchester line of Cold Chisels and Punches is made with the ruggedness that insures long, resultful service.

The Winchester line includes a full range of (1) Regular flat; (2) Round nose; (3) Diamond Point; (4) Cape Chisel; (5) Solid Punch; (6) Center Punch; (7) Prick Punch; (8) Pin Punch; (9) Nail Set; (10) Counter Sink; (11) Square Reamer; (12) Offset Screw Driver and Bits; (13) Cotter Pin Puller



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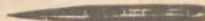
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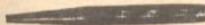
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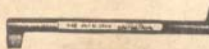
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12

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TRADE MARK

Hatchets

WINCHESTER Hatchets are made to cut with the utmost ease. They are ground to the proper contour and the edges sharpened to a chisel edge. Then they are given just the right temper to hold that keen edge.

Handles are of selected second growth hickory, split and hung with the grain. They are made with the "comfort grip" of Winchester handled tools that helps to prevent slipping and turning. Head securely locked with interlocking wedges.



Half Pattern

Forged from one piece of special steel. Head and bit carefully tempered. Carefully designed contour that assures freest action. Sure-grip beveled nail slot. $3\frac{1}{2}$, $3\frac{5}{8}$ and 4-inch cut.



Haines Lathing

Forged from one piece of special steel. Head and bit carefully tempered. Thin blade assures ease in action. Deep striking poll. Full, true adze eye shaped to prevent buckling. 13-inch handle. 2-inch cut.

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Hatchets



Broad Pattern

Drop forged from one piece of high grade special steel. Bits carefully tempered and ground to a keen edge. Correctly designed for the kind of work desired of this type of hatchet. Made in both single and double bevel, in 4, 4½, 5 and 5½-inch blade widths.



Haines Shingling

Forged from one piece of special steel. Head and bit carefully tempered. Sure-grip nail slot. Deep striking poll. Full true adze eye shaped to prevent buckling. Thin blade. Correctly shaped contour to give freest action. 3½-inch cut, 13-inch handle.



Claw Pattern

Drop forged from one piece of high grade special steel. Bits carefully tempered and ground to a keen edge. Head hardened to prevent mushrooming. Claw of special Winchester design slotted finely enough to draw small brads. Claw shaped to allow of pulling nails when heads barely protrude. Two sizes, 3½ and 4-inch cut.

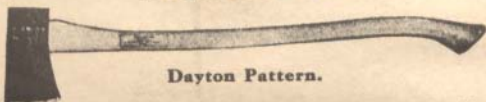
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Axes

FAST cutting axes with perfect "hang." Bits are made of the highest grade crucible steel carefully ground and tempered. Bits are shaped for fast cutting with minimum effort. Heads have black rustless finish. Handles of second growth hickory. Hardwood wedges with Winchester double locking device prevent handles from loosening.

Single Bit Axes



Dayton Pattern.

Weights, from 3 to 6-pound heads. Handle lengths, 28 to 36 inches. Also furnished unhandled, 3 to 6 pounds.

Other patterns of Winchester Single Bit Axes include Baltimore, Jersey, Connecticut, Michigan, Southern Kentucky, Rockaway and Wedge.

Double Bit Axes



Michigan Pattern.

Weights, from 3 to 6 pounds. All handles 36 inches long. Unhandled, 3 to 6 pounds.

Other Winchester Double Bit patterns, Western, California Reversible, Puget Sound and Wedge.



House Pattern.

short handled axe. Weight, 2½ pounds, 18-inch handle.

Made for the many little jobs around the house that are best performed with a

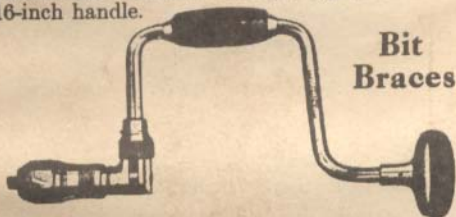


Axes Winchester Scout Axe



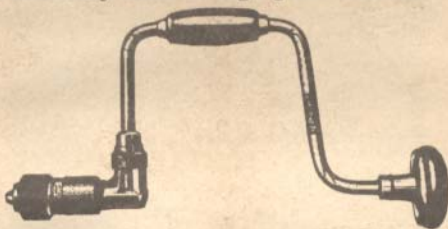
Designed especially for campers and scouts. 14-inch curved handle. Weight, $1\frac{1}{2}$ lbs. Furnished with or without leather sheath.

Other attractive patterns of smaller size axes include the Boy's axe, $2\frac{1}{4}$ pounds, with 28-inch handle and Hunter's Pattern, $1\frac{3}{4}$ pounds with 16-inch handle.



Bit Braces

The Winchester line offers a range of superior bit braces in six patterns and a comprehensive run of sizes that presents a brace for every user at an attractive range of prices. Each pattern is accurately made of high grade material.



Ask to see the Winchester Heavy Duty Brace with the ball bearing chuck with universal jaws and full metal clad ball bearing head. Double bushed sweep handle.

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Auger Bits

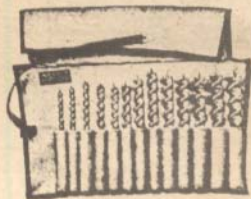
MADE of high grade steel carefully hardened and tempered. The "Solid Center" pattern, shown at right, is especially adapted for all varieties of general work. Pitch of worm, medium fast boring. Furnished in sizes $\frac{3}{16}$ to $\frac{24}{16}$ inch, 8 inches long.

The "Double Twist" pattern shown at left is approved for fine pattern or cabinet work. Pitch of worm fine double threaded for extra smooth boring. Furnished in sizes $\frac{3}{16}$ to $\frac{16}{16}$ inch.

The "Open Center" pattern, shown below, is thicker at outer edge and thinner at center. This carries the chips away quickly and prevents binding. Coarse threaded worm for fast boring makes this type extremely desirable for Electricians' or Plumbers' use. Furnished in sizes $\frac{4}{16}$ to $\frac{16}{16}$ inch.



Winchester solid or open center bits are furnished in the handy sets shown below. Each set has 13 sizes, from $\frac{4}{16}$ of an inch to $\frac{16}{16}$ inch diameter. Packed in handy gray canvas roll, or strong wooden case.



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Auto Tool Sets

HERE is a complete set of tools for the motorist in a handy form—eleven high grade Winchester tools. This kit of tools is packed in a roll made of durable waterproof material, lined with gray whipcord. Edges are bound with tape. The fastening straps are made of genuine russet leather.



Consists of 4 open end wrenches; 12-ounce ball peen hammer; 6-inch wrench; 8-inch screwdriver; 8-inch mill bastard file; 6-inch round bastard file; ignition file; 6-inch nickelplated plier with wire cutter.

We also offer a smaller 7-piece motor outfit also in waterproofed roll.

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Files

WINCHESTER Files are forged from high grade crucible steel. They are hardened by a process which gives them great toughness and hardness, insuring clean cutting and long life. Every file is carefully inspected.



Flat Bastard

Made in these eleven patterns in a full range of sizes, extra slim taper, slim taper, mill bastard, round bastard, flat bastard, square bastard, warding bastard, half round wood rasp, half round bastard, ignition and shoe rasp.

Wrenches

Coe's Pattern



Made to withstand severe service. Bar and jaws are forged from a special grade of steel. The sliding jaw is set in accurately, allowing little play. The adjusting screw is extra heavy. Side of handles made of selected hard wood. Handles riveted through frame and bar. Black finish.

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Pipe Wrenches



WINCHESTER Pipe Wrenches grip firmly without lost motion but do not lock on the pipe.

Bar or body of forged steel. Frame of pressed steel. Reinforced movable jaw forged from chrome nickel steel. Both jaws of special tool steel, properly tempered and hardened to prevent teeth chipping or mushrooming. Steel or hardwood rounded handle. Sides of jaws and frame

polished.

Other parts forged black.



Wood handle wrenches furnished in 6, 8, 10 and 14-inch sizes. Steel handle in 6, 8, 10, 14 and 18-inch sizes.

Open End Wrenches

These wrenches are forged flat from bar steel, carefully milled and case hardened. The head of each wrench is marked with the nut size for which it is designed. Polished heads. Handles with black rustless finish.

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Wrenches



Engineers' Double Head Wrench

15 degree angle. Milled to fit U. S. Standard bolts and nuts.

U. S. Size	Milled Opening	Length Over All
$\frac{3}{16}$ - $\frac{1}{4}$	13 $\frac{1}{2}$ -16 $\frac{1}{2}$	4 inches
$\frac{1}{8}$ - $\frac{3}{8}$	19 $\frac{1}{2}$ -23 $\frac{1}{2}$	5 $\frac{3}{8}$ inches
$\frac{7}{16}$ - $\frac{1}{2}$	25 $\frac{1}{2}$ -28 $\frac{1}{2}$	7 $\frac{3}{4}$ inches
$\frac{9}{16}$ - $\frac{5}{8}$	31 $\frac{1}{2}$ -34 $\frac{1}{2}$	9 $\frac{3}{4}$ inches
$\frac{3}{4}$ - $\frac{7}{8}$	40 $\frac{1}{2}$ -37 $\frac{1}{2}$	13 $\frac{1}{2}$ inches

General Purpose "S" Wrench



Milled to fit Standard bolts and nuts.

Standard Nut Size	Milled Opening	Length Over All
$\frac{3}{16}$ - $\frac{1}{4}$	12 $\frac{1}{2}$ -16 $\frac{1}{2}$	6 $\frac{1}{4}$ inches
$\frac{1}{4}$ - $\frac{5}{16}$	16 $\frac{1}{2}$ -20 $\frac{1}{2}$	7 $\frac{1}{8}$ inches
$\frac{5}{16}$ - $\frac{3}{8}$	20 $\frac{1}{2}$ -24 $\frac{1}{2}$	8 $\frac{1}{4}$ inches
$\frac{3}{8}$ - $\frac{7}{16}$	24 $\frac{1}{2}$ -28 $\frac{1}{2}$	9 $\frac{1}{4}$ inches
$\frac{7}{16}$ - $\frac{1}{2}$	28 $\frac{1}{2}$ -32 $\frac{1}{2}$	10 $\frac{3}{8}$ inches

Made in all standard sizes in other standard open end wrench patterns.

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The Advance-Yeoman
Wickliffe, KY 42087

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