

E.C. SIMMONS

**KEEN
KUTTER**

CUTLERY
AND
TOOLS

**SIMMONS
HARDWARE
COMPANY**

"A JOBBER'S FIRST DUTY IS TO HELP HIS CUSTOMERS PROSPER"—

E. C. Simmons

THERE is a strong bond of mutual interest between Today's Retailer and Today's Wholesaler. Together, they form a channel of distribution which has clearly demonstrated its economic value to the public.

The independent retailer, like the independent wholesaler, will perpetuate himself only if he renders a full and satisfactory service to the consumer.

We feel very definitely that it is our duty to the retail merchants we serve to do everything possible to enable them to meet their competition successfully and profitably.

With this in view, we have spent time, effort and money to increase those phases of our service which enable our customers to meet the demands of the buying public. For three-quarters of a century we have supplied catalogs and other needed selling helps with dependable regularity.

Each year brings new methods of selling. Each year it becomes more essential for the hardware retailer to possess new selling media which will make it easier to build volume and increase profits.

In presenting our new "Z" catalog, we are offering you the last word in hardware catalogs. For the first time in the history of hardware retailing you now have a catalog containing the five essential features needed by the merchant faced with today's merchandising problems: (1) Consumer selling copy, (2) Prevailing retail prices, (3) Symbols showing approximate margins, (4) Complete description, (5) fully illustrated.

The most effective use of this catalog will be secured through using it (1) as a medium for the making of sales of merchandise not regularly stocked, (2) as a guide for competitive pricing, (3) as a textbook in hardware salesmanship, and (4) as an aid in buying.

We hope that it will serve you as we have planned.

SIMMONS HARDWARE COMPANY.

L. C. Simmons

President.

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SIMMONS HARDWARE CO.
ST. LOUIS, MO.

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KNOWN & RECOGNIZED AS



THE RECOLLECTION of QUALITY REMAINS
LONG AFTER THE PRICE IS FORGOTTEN

★ ★ ★ E.C. SIMMONS ★ ★ ★

KEEN KUTTER AXES

Recognized for over half a century as the finest axe money and skill can produce.

The **KEEN KUTTER** axe is built for the man who knows. Perfectly balanced, it falls true to the woodchopper's stroke. It is ground so it will cut deep, break the chip and come out easily.

- Longer life.
- Cuts deep and clean.
- Easier, better work.
- Highest quality handle.
- Head cannot loosen.
- Fast cutting.
- Distinctive appearance.

KEEN KUTTER AND SIMMONS AXES ARE GUARANTEED

Each axe is carefully tested for defects—in material, temper and workmanship—and any axe, properly used, that proves defective through faulty material or workmanship, will be replaced. This guarantee does not cover abuses, but is made to protect you from loss of the money paid for the axe, should a defect appear after using. A careful study of returned axes proves that breaks result from the following:

IMPROPER GRINDING

An axe is a heavy duty tool and when ground concave (hollowed out like a razor) there is not sufficient metal left to withstand the terrific force of the blow. Grind or sharpen on a wet grinding stone—not on an emery wheel, because emery wheels cut too fast and remove too much metal. Emery wheels also have a tendency to overheat and affect the temper.



This axe is properly ground convex. An axe hollow ground is too thin and will break.

COLD OR FROST FILLED AXES

When an axe is extremely cold or filled with frost, the metal becomes numbed or brittle and cannot spread a strained blow along and back from its cutting edge. Axes in this condition break very easily and, because of it, should never be used until the frost is drawn by putting them in a warm place.

GLANCING BLOWS

Glancing blows are due mostly to inexperience in swinging an axe and no manufacturer can be held responsible for broken edges caused in this way.

USED AS A WEDGE OR MAUL

No axe made will stand up under repeated blows on the head with a sledge hammer. The eye is filled by the wood handle and will break when abused in this manner.



To assist you to recognize breaks which are not due to defects, we show the blade of an axe marked A, B, C and D. Any break forming a perfect segment of a circle, such as the letter "B,"

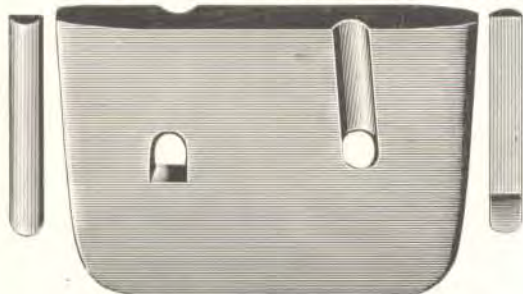
is always due to one or more of the three conditions: improper grinding, cold or frost filled axes, glancing blows—and reveals no defect in either material or workmanship.

Only breaks lettered "A," "C" and "D" indicate a flaw in the steel and are subject to replacement.

SIMMONS PATENTED DOUBLE LOCKING AXE WEDGES

Used Exclusively in All **KEEN KUTTER** and **SIMMONS** Axes

Locks Axe Head Permanently Onto Handle—Positively Prevents it From Flying Off the Handle.



Actual Size Showing Malleable Iron Wedge and Steel Locking Pins

Strong steel locking pins hold wedge tight — cannot possibly be removed.

Specially designed grooves in wedge guide the steel pins as they are driven in, sharpened ends curl back up to form curved hook, partly in wedge and partly in wood of handle. Thus wedge is securely clinched to handle, and cannot possibly be pulled out.



Sectional View — Wedge Installed

Heavy malleable iron wedge—will not crack, rot or swell and break handle.

Correctly shaped with smooth sides, it evenly spreads notched handle end to form a solid knob which, compressed tightly into hollow of axe eye, fixes handle in head as securely as though they were solid cast in one piece. **Head can't slip or jar loose.**



We have had over a half century of experience in handling axes.
IT IS NO EXPERIMENT WITH US.

Our axe handling department is under our own supervision, and we employ workmen who know by many years' experience the correct shaping and set of the handle.

Every axe is handled by a fixed gauge to insure its being perfect in this respect.

Showing our superior method of crating and wrapping all **KEEN KUTTER** handled axes. The heads are carefully boxed, the handles are wrapped with paper and covered with a muslin bag, assuring delivery in perfect condition.

KEEN KUTTER SINGLE BIT AXES

Recognized for Over Half a Century as the Finest Axe That Money and Skill Can Produce

8 REASONS WHY KEEN KUTTER AXES ARE THE BEST YOU CAN BUY

1. Longer life—special process highest grade steel head properly tempered and hardened.
2. Cuts deep and clean—head expertly shaped to burst the chips free—will not bind.
3. Easier, better work—perfectly balanced by expert craftsmen for smooth, accurate swing.
4. Fast cutting—takes better cutting edge, holds it longer.

Special head construction combines mild steel body (to prevent chipping of head or breaking of eye) with highest grade crucible steel bit—electrically welded into one solid piece to give you a longer lasting axe than you've ever used before.

5. Highest quality handle—thoroughly dried and seasoned for added strength—comfortable grip.
6. Head cannot loosen—fastened to handle with safest locking wedge ever designed.
7. Distinctive appearance—handsomely finished to match its built-in quality.
8. Thoroughly inspected—carefully tested and guaranteed against defects in material or workmanship.

KEEN KUTTER grade selected white hickory handle, smoothly waxed and guaranteed perfect. SIMMONS patented self-locking wedge fastens head onto handle—absolutely prevents loosening.

Be sure that your axe is a KEEN KUTTER

Mild steel body, highest grade crucible steel bit. KEEN KUTTER grade selected white hickory handle—fastened with SIMMONS patented wedge.



"KLASSIC"—MICHIGAN PATTERN

An Exclusive De Luxe Finish—the finest finished axe on the market. Full polished, bright shining head with attractive design, gold bronzed edge. KEEN KUTTER trade mark die stamped on head.

TB KK36N—Handled

With No. TB K236 octagon handle.

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3½	\$2.70	65
4	2.85	71

TB KK36—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3½	\$2.10	49
4	2.25	56



KEEN KUTTER ARISTOCRAT—MICHIGAN PATTERN, PLAIN

Distinctive in appearance. Head smoothly finished, enameled bright red. KEEN KUTTER trade mark deep etched and gold bronze filled. Bit and poll highly polished.

TB KMA1—Handled

Selected all white hickory handle, octagon shaped, with tip enameled red to match head.

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.75	64
3½ to 4½	2.95	70

Handled Axes—One dozen in a crate, heads enclosed, handles projecting, wrapped in paper and burlapped.

Unhandled Axes—One dozen in a wood box.

Each axe put up in wrapper and labeled, giving weight of axe—weight each stamped on poll.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER SINGLE BIT AXES

America's Finest!

Mild steel body, highest grade crucible steel bit. KEEN KUTTER grade selected white hickory handle—fastened with SIMMONS patented wedge.



MICHIGAN PATTERN—PERFECT BEVEL

Handsomely finished—full polished, with bevels painted tartar red.

TB KM114P—Handled

With No. TB KR236 oval handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4	\$2.60	65
3½ to 4½	2.70	70

TB KM114—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.10	46	4¼	\$2.10	58
3¼	2.10	47	4½	2.25	60
3½	2.10	49	3 to 4	.....	54
3¾	2.10	52	3½ to 4½	.....	49
4	2.10	56			



MICHIGAN PATTERN—PLAIN

Gold bronzed, with bit and poll polished.

TB KM103P—Handled

With No. TB KR236 oval handle.

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3	\$2.60	62
3½	2.70	65
3¾	2.70	68
4	2.80	71
3 to 4	.....	65
3½ to 4	.....	68
3½ to 4½	.....	70
4 to 5	.....	75

TB KM103—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3	\$1.95	46
3½	1.95	49
3¾	1.95	52
4	1.95	56
4¼	1.95	58
4½	2.10	60
3 to 4	.....	49
3½ to 4	.....	51
3½ to 4½	.....	54
4 to 5	.....	59



MICHIGAN PATTERN—PLAIN

Extra hard tempered, hand whetted bit. Attractive smooth black finish.

TB KM302P—Handled

With No. TB KR236 oval handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4	\$2.60	65
3½ to 4	2.70	66
3½ to 4½	2.70	67
4 to 5	2.80	75

TB KM302—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$1.95	46	4½	\$1.95	60
3¼	1.95	47	5	2.10	67
3½	1.95	49	3 to 4	.....	49
3¾	1.95	52	3½ to 4	.....	51
4	1.95	56	3½ to 4½	.....	54
4¼	1.95	58	4 to 5	.....	59

Handled Axes—One dozen in a crate, heads enclosed, handles projecting, wrapped in paper and burlapped.

Unhandled Axes—One dozen in a wood box.

Each axe put up in wrapper and labeled, giving weight of axe—weight each stamped on poll.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER SINGLE BIT AXES

America's Finest!

Mild steel body, highest grade crucible steel bit. **KEEN KUTTER** grade selected white hickory handle—fastened with **SIMMONS** patented wedge.



DAYTON (WIDE HEAD) PATTERN, PERFECT BEVEL

Handsomely finished, full polished—bevels painted red.

TB KD113N—Handled

With No. TB K236 octagon handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3½ to 4½	\$2.55	70
4 to 5	2.55	75

TB KD113—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.00	46	4¼	\$2.00	58
3¼	2.00	47	4½	2.00	60
3½	2.00	49	5	2.10	67
3¾	2.00	52	3½ to 4½	.....	54
4	2.00	56	4 to 5	.....	59



DAYTON (WIDE HEAD) PATTERN, PLAIN

Gold bronzed, with bit and poll polished.

TB KD101P—Handled

With No. TB KR236 oval handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.50	62
3½	2.50	65
3¾	2.50	68
4	2.50	71
3 to 4	2.50	64
3½ to 4½	2.50	70
4 to 5	2.50	75
4½ to 5½	2.60	80

TB KD101—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$1.95	46	4¼	\$2.00	63
3¼	1.95	47	5	2.00	67
3½	1.95	49	3 to 4	.....	49
3¾	1.95	52	3½ to 4½	.....	54
4	1.95	56	4 to 5	.....	59
4¼	1.95	58	4½ to 5½	.....	64
4½	1.95	60			



DAYTON (WIDE HEAD) PATTERN, PLAIN

Extra hard tempered, hand whetted bit. Attractive smooth black finish.

TB KD301N—Handled

With No. TB K236 octagon handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4	\$2.40	65
3½ to 4½	2.50	70
4 to 5	2.60	75

TB KD301—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$1.95	46	4½	\$1.95	60
3¼	1.95	47	4¾	2.00	63
3½	1.95	49	5	2.00	67
3¾	1.95	52	3 to 4	.....	49
4	1.95	56	3½ to 4½	.....	54
4¼	1.95	58	4 to 5	.....	59

Handled Axes—One dozen in a crate. Heads enclosed, handles projecting, wrapped in paper and burlapped.

Unhandled Axes—One dozen in a wood box.

Each axe put up in wrapper and labeled, giving weight of axe—weight each stamped on poll.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER SINGLE BIT AXES

America's Finest!

Mild steel body, highest grade crucible steel bit. KEEN KUTTER grade selected white hickory handle—fastened with SIMMONS patented wedge.



SOUTHERN KENTUCKY PATTERN, PLAIN

Gold bronzed, with bit and poll polished.

TB KSK105N—Handled

With No. TB K236 octagon handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4	\$2.45	64
3½ to 4½	2.45	69
4 to 5	2.45	75
4½ to 5½	2.55	80
4½ to 6	2.55	85

TB KSK105—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$1.95	46	5½	\$2.10	73
3½	1.95	49	6	2.10	75
3¾	1.95	52	3 to 4	.....	48
4	1.95	53	3½ to 4½	.....	53
4¼	1.95	56	4 to 5	.....	59
4½	1.95	60	4½ to 5½	.....	64
4¾	2.10	63	4½ to 6	.....	69
5	2.10	67			



BALTIMORE KENTUCKY PATTERN

Gold bronzed, with bit and poll polished.

TB KBK115P—Handled

With No. TB KR236 oval handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4	\$2.40	64
3½ to 4½	2.50	69
4 to 5	2.60	75
4½ to 5½	2.70	80

TB KBK115—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.00	46	5	\$2.10	67
3½	2.00	49	5½	2.10	71
3¾	2.00	52	3 to 4	.....	48
4	2.00	56	3½ to 4½	.....	53
4¼	2.00	58	4 to 5	.....	59
4½	2.00	60	4½ to 5½	.....	64
4¾	2.10	63			



WISCONSIN PATTERN, PLAIN

Extra hard tempered, hand whetted bit. Attractive smooth black finish.

TB KW304N—Handled

With No. TB KR236 oval handle.

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.55	65
3¼ to 3¾	2.55	68
3½ to 4	2.55	70

TB KW304—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3	\$2.00	46
3¼	2.00	47
3½	2.00	49
3¾	2.00	52
4	2.00	56

Handled Axes—One dozen in a crate, heads enclosed, handles projecting, wrapped in paper and burlapped.

Unhandled Axes—One dozen in a wood box.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER SINGLE BIT AXES

America's Finest!

Mild steel body, highest grade crucible steel bit. KEEN KUTTER grade selected white hickory handle—fastened with SIMMONS patented wedge.



SPECIAL COMPOSITE PATTERN, PLAIN
(Adapted for all sections.)

Extra fine quality crucible steel bit, hand hammered and whetted. Distinctive, natural forged finish with KEEN KUTTER trade mark deep etched. Each axe carefully oiled, making it rustproof.

TB KC5N—Handled

With TB K236 octagon handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.60	62
3½	2.65	65
3¾	2.75	68
4	2.80	71
3 to 4	2.60	65
3½ to 4	2.65	68
3½ to 4½	2.75	70
4 to 5	2.80	75

TB KC5—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.15	46	4¾	\$2.25	63
3¼	2.15	47	5	2.25	67
3½	2.15	49	3 to 4	-----	49
3¾	2.15	52	3½ to 4	-----	52
4	2.15	56	3½ to 4½	-----	54
4¼	2.15	58	4 to 5	-----	59
4½	2.15	60			



HOOSIER PATTERN, PLAIN
Gold bronzed, with bit and poll polished.

TB KH200P—Handled

With No. TB KR236 oval handle.

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3½	\$2.55	65
3¾	2.55	68
4	2.55	71
4½	2.55	65
3½ to 4½	2.55	70

TB KH200—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3½	\$2.00	49
3¾	2.00	52
4	2.00	56
4½	2.00	60
3½ to 4½	-----	54

Handled Axes—One dozen in a crate, heads enclosed, handles projecting, wrapped in paper and burlapped.

Unhandled Axes—One dozen in a wood box.

Each axe put up in wrapper and labeled, giving weight of axe. Weight each stamped on poll.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS

Polly-Prim ENAMELWARE

**Is Long Wearing, Easy to Clean
and Attractive**

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SIMMONS SINGLE BIT AXES

Designed for Those Who Require a Long-Service Axe—At an Economical Price

- Sturdy, high grade forged steel head—properly tempered and hardened.
- Correctly shaped to burst the chips free and come out clean—will not bind.
- Accurately balanced for a smooth, easy swing.
- Takes and holds hard, sharp cutting edge.

Head construction combines mild steel body and eye (to prevent chipping of head or breaking of eye) with high grade crucible steel bit—electrically welded into one solid, durable piece.

- High quality handle—strong and sturdy. Comfortable grip.
- Head fastened to handle with the safest locking wedge ever designed.
- Attractively finished to match built-in quality.
- Guaranteed against defects in material or workmanship.

Good grade, clear, second growth hickory handle, smoothly finished. **SIMMONS** patented self-locking wedge locks head securely onto handle—absolutely prevents loosening.

*For a good axe at an economical price—choose a **SIMMONS***



DAYTON (WIDE HEAD) PATTERN, HOLLOW BEVEL
Body red enameled with blue enamel bevels—polished bit.

TB S800B—Handled			TB S800—Unhandled		
With No.	TY SCT, oval handle, assorted color tips.	Weight Per Dozen, Lbs.	Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4		65	3 to 4	\$1.69	49
3½ to 4½		70	3½ to 4½	1.79	51
4 to 5		75	4 to 5	1.89	59
	Each				
	\$2.00				
	2.10				
	2.20				



DAYTON (WIDE HEAD) PATTERN, PLAIN
Gold bronzed, with bit and poll polished.

TB S701B—Handled			TB S701—Unhandled		
With No.	TY SCT, oval handle, assorted color tips.	Weight Per Dozen, Lbs.	Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4		65	3 to 4	\$1.69	49
3½ to 4½		70	3½ to 4½	1.79	51
	Each				
	\$2.00				
	2.10				



MICHIGAN PATTERN, PLAIN
Gold bronzed, with bit and poll polished.

TB S702B—Handled			TB S702—Unhandled		
With No.	TY SCT, oval handle, assorted color tips.	Weight Per Dozen, Lbs.	Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4		65	3 to 4	\$1.69	49
3½ to 4½		70	3½ to 4½	1.79	51
	Each				
	\$2.00				
	2.10				

One dozen in a crate.

Weight of axe stamped on the poll.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS.

When ordering—specify number and weight of head.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SINGLE BIT AXES



Klicker

A serviceable axe at a very economical price.

DAYTON (WIDE HEAD) PATTERN, PLAIN

One-piece, rough-forged steel, with carefully ground and polished bit. Hardened poll.

TB 901KXX—Handled

With comfortable grip, oval handle No. TY 336K securely fastened to head with wood wedge.

TB 901K—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.	Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$1.69	65	3 to 4	\$1.45	49
3½ to 4½	1.79	70	3½ to 4½	1.55	54

One-half dozen in a box.

SIMMONS LEADER AXES

Good Quality at a Low Price



SINGLE BIT—MICHIGAN PATTERN

Forged steel head. Properly tempered for lasting edge. Attractive black finish, polished bit.

Good grade hickory handle, ivory finish, with black tip. Securely wedged. Well balanced. Length handle 36 inches.

TB SY1—Weight head 3½ lbs. Weight each 4 lbs.Std. List, Each \$1.59 Each \$1.59

Four in a package.



DOUBLE BIT—MICHIGAN PATTERN

Properly tempered for lasting edge. Forged steel head, attractive black finish, polished bits.

Good grade hickory handle, ivory finish, with black tip. Securely wedged. Well balanced. Length handle 32 inches.

TB SY2—Weight head 3½ lbs. Weight each 4 lbs.Std. List, Each \$1.99 Each \$1.99

Four in a package.



TOTEM—HANDLED HOUSEHOLD AXE

If you need a good serviceable axe for general use you can save money by owning this real value leader.

MICHIGAN PATTERN

Good grade cast steel head, black finished with polished bit. Firmly wedged strong hickory handle, polished and waxed. Weight head 3½ lbs. Length handle 36 inches.

TB TB100—Weight per dozen 65 lbs.Each \$1.15

One-half dozen in a box.

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KEEN KUTTER DOUBLE BIT AXES

Recognized for Over Half a Century as the Finest Axe That Money and Skill Can Produce

8 REASONS WHY KEEN KUTTER AXES ARE THE BEST YOU CAN BUY.

1. **Longer life**—special process highest grade steel head properly tempered and hardened.
2. **Cuts deep and clean**—head expertly shaped to burst the chips free—will not bind.
3. **Easier, better work**—perfectly balanced by expert craftsmen for a smooth, accurate swing.
4. **Fast cutting**—takes better cutting edge, holds it longer.

Special head construction combines mild steel body (to prevent chipping of head or breaking of eye) with highest grade crucible steel bits—electrically welded into one solid piece to give you a longer lasting axe than you've ever used before.

5. **Highest quality handle**—thoroughly dried and seasoned for added strength—comfortable grip.
6. **Head cannot loosen**—fastened to handle with safest locking wedge ever designed.
7. **Distinctive appearance**—handsomely finished to match its built-in quality.
8. **Thoroughly inspected**—carefully tested and guaranteed against defects in material and workmanship.

KEEN KUTTER grade selected white hickory handle, smoothly waxed and guaranteed perfect. SIMMONS patented self-locking wedge fastens head onto handle—absolutely prevents loosening.

Be sure that your axe is a KEEN KUTTER



Mild steel body, highest grade crucible steel bit. KEEN KUTTER grade selected white hickory handle—fastened with SIMMONS patented wedge.

"KLASSIC"—REGULAR OR WESTERN PATTERN

An exclusive deluxe finish—finest finish of any axe on the market. Full polished, bright shining head with attractive design—gold bronzed edge. KEEN KUTTER trade mark die stamped on head.

TB KK360DN—Handled

With No. TB KD236 octagon handle.

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3½	\$3.10	65
4	3.25	71

TB KK360—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3½	\$2.45	49
4	2.60	56



SPECIAL COMPOSITE PATTERN

Extra fine quality, uniformly tempered and hand-whetted bits. Distinctive, natural forged finish with KEEN KUTTER trade mark etched in deep. Each axe carefully oiled—making it rustproof.

TB KC50DP—Handled

With No. TB KDR236 oval handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4	\$3.10	65
3½ to 4½	3.25	70

TB KC50—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.45	46	4¼	\$2.70	58
3¼	2.45	47	4½	2.70	60
3½	2.45	49	3 to 4	.....	49
3¾	2.60	52	3½ to 4½	.....	54
4	2.60	56			

Handled Axes—One dozen in a crate, heads enclosed, handles projecting, wrapped in paper and burlapped.

Unhandled Axes—One dozen in a wood box.

Each axe put up in wrapper and labeled, giving weight of axe. Weight each stamped near the eye.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER DOUBLE BIT AXES

America's Finest!

Mild steel body, highest grade crucible steel bit. KEEN KUTTER grade selected white hickory handle—fastened with SIMMONS patented wedge.



REGULAR OR WESTERN PATTERN, PERFECT BEVEL

Extra hard tempered, hand-whetted bits. Handsomely finished—full polished, with bevels painted red.

TB KR154DP—Handled

With No. TB KDR236 oval handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4 1/2	\$3.10	70
4 to 5	3.25	75

TB KR154—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.45	46	4 1/2	\$2.70	60
3 1/4	2.45	47	5	2.85	67
3 1/2	2.45	49	3 to 4	.....	49
3 3/4	2.60	52	3 1/2 to 4 1/2	.....	54
4	2.60	56	4 to 5	.....	59
4 1/4	2.70	58			



REGULAR OR WESTERN PATTERN

Gold bronzed with polished bits.

TB KR150DN—Handled

With No. TB KD236 octagon handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4	\$2.85	65
3 1/2 to 4 1/2	2.95	70
4 to 5	3.10	75

TB KR150—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.25	46	4 1/2	\$2.45	60
3 1/4	2.25	47	4 3/4	2.60	63
3 1/2	2.25	49	5	2.60	67
3 3/4	2.35	52	3 to 4	.....	49
4	2.35	56	3 1/2 to 4 1/2	.....	54
4 1/4	2.45	58	4 to 5	.....	59



REGULAR OR WESTERN PATTERN

Extra hard tempered, hand-whetted bits. Attractive, smooth, black finish.

TB KR350DN—Handled

With No. TB KD236 octagon handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4	\$2.85	65
3 1/2 to 4	2.95	67
3 1/2 to 4 1/2	2.95	70
4 to 5	3.10	75

TB KR350—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.25	46	4 3/4	\$2.60	63
3 1/4	2.25	47	5	2.60	67
3 1/2	2.25	49	3 to 4	.....	49
3 3/4	2.35	52	3 1/2 to 4	.....	51
4	2.35	56	3 1/2 to 4 1/2	.....	54
4 1/4	2.45	58	4 to 5	.....	59
4 1/2	2.45	60			

Handled Axes—One dozen in a crate, heads enclosed, handles projecting, wrapped in paper and burlapped.

Unhandled Axes—One dozen in a wood box.

Each axe put up in wrapper and labeled, giving weight of axe. Weight each stamped near the eye.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS

When ordering—specify number and weight of head.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER DOUBLE BIT AXES

America's Finest!

Mild steel body, highest grade crucible steel bit. KEEN KUTTER grade selected white hickory handle—fastened with SIMMONS patented wedge.



MICHIGAN OR CROWN PATTERN

Gold bronzed with polished bits.

TB KM153DP—Handled

With No. TB KDR236 oval handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3½ to 4	\$2.95	67
3½ to 4½	2.95	70

TB KM153—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.25	36	4¼	\$2.45	58
3¼	2.25	39	4½	2.45	60
3½	2.25	42	3¼ to 3¾	.....	50
3¾	2.35	45	3½ to 4	.....	51
4	2.35	48	3½ to 4½	.....	54



MICHIGAN OR CROWN PATTERN

Extra hard hand tempered, hand whetted bits. Attractive smooth black finish.

TB KM352DN—Handled

With No. TB KD236 octagon handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3 to 4	\$2.85	65
3½ to 4½	2.95	70
4 to 5	3.10	75

TB KM352—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3	\$2.25	46	4½	\$2.45	60
3¼	2.25	47	5	2.60	67
3½	2.25	49	3 to 4	.....	49
3¾	2.35	52	3½ to 4½	.....	54
4	2.35	56	4 to 5	.....	59
4¼	2.45	58			



CEDAR PATTERN

Extra hard hand-tempered, hand-whetted bits. Attractive, smooth, black finish.

TB K2½C—Handled

With No. 1 grade oval white hickory handle, 30 inches long.

Weight Head 2½ lbs. Weight per dozen 50 lbs. Each \$2.95

Handled Axes—one dozen in a crate, heads enclosed, handles projecting, wrapped in paper and burlapped.

Unhandled Axes—one dozen in a wood box.

Each axe put up in wrapper and labeled, giving weight of axe—weight each stamped near the eye.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER DOUBLE BIT AXES

America's Finest!

Mild steel body, highest grade crucible steel bit. KEEN KUTTER grade selected white hickory handle—fastened with SIMMONS patented wedge.



CALIFORNIA REVERSIBLE OR HALF PEELING PATTERN
Gold bronzed with polished bits.

TB KCR152DN—Handled

With No. TB KD236 octagon handle.

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3½ to 4	\$2.95	67
4 to 5	3.10	75

TB KCR152—Unhandled

Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.	Weight Head, Lbs.	Each	Wt. Per Doz., Lbs.
3½	\$2.25	50	4½	\$2.45	60
3¾	2.35	53	4¾	2.60	62
4	2.35	57	5	2.60	65

Handled Axes—one dozen in a crate, heads enclosed, handles projecting, wrapped in paper and burlapped.

Unhandled Axes—one dozen in a wood box.

Each axe put up in wrapper and labeled, giving weight of axe. Weight of each stamped near the eye.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS

HOW TO ORDER DIFFERENT HANDLE COMBINATIONS FOR HANDLED AXES

You can conveniently substitute any stock handle for the handles specified with axes as shown in catalogue—simply follow these instructions.

To obtain correct number for ordering—add the number of the handle to the number of the axe. For example, if you want unhandled axe No. TB KM103, 3½ to 4½ lbs., fitted with handle No. TB CXX (numbered Q in table below)—order is No. "TB KM103Q, 3½ to 4½ lbs." Use table to secure handle number for ordering.

To obtain correct total price—add price of unhandled axe to price of handle. Resulting price includes cost of wedges and handling operation.

Single Bit—36-Inch Handles

Nos.
B—No. TY SCT, oval
C—No. TY SCTO, octagon
E—KEEN KUTTER, No. TB K36, octagon
F—KEEN KUTTER, No. TB KR36, oval
J—Cumberland, No. TB CSXX36, octagon
N—KEEN KUTTER, No. TB K236, octagon
P—KEEN KUTTER, No. TB KR236, oval
Q—Cumberland, No. TB CXX, octagon
T—Cumberland, No. TB CA36, oval
TS—Cumberland, No. TB CAS36, oval straight
W—Blue Oak, No. TY A2R, oval
Y—Blue Oak, No. TB A1L, lumbermen's straight
VS—Blue Oak, No. TY A1RS, oval, slim pattern
XX—Klicker, No. TY 336K, oval

Double Bit—36-Inch Handles

Nos.
DB—No. TB DCT, oval
DC—KEEN KUTTER, No. TB KD36, octagon
DE—KEEN KUTTER, No. TB KDR36, oval
DF—Cumberland, No. TB CDXX, octagon
DG—No. TY DCTO, octagon
DH—Cumberland, No. TB CDA36, oval
DK—Blue Oak, No. TB A1RDB, oval
DL—Blue Oak, No. TY A2RDB, oval
DN—KEEN KUTTER, No. TB KD236, octagon
DP—KEEN KUTTER, No. TB KDR236, oval
DX—Klicker, No. TY 3KD, 36-inch, oval
DLS—Blue Oak, No. TB A1RDBS, slim pattern, oval

One dozen complete in a crate.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SIMMONS DOUBLE BIT AXES

Designed for Those Who Require a Long-Service Axe—At an Economical Price

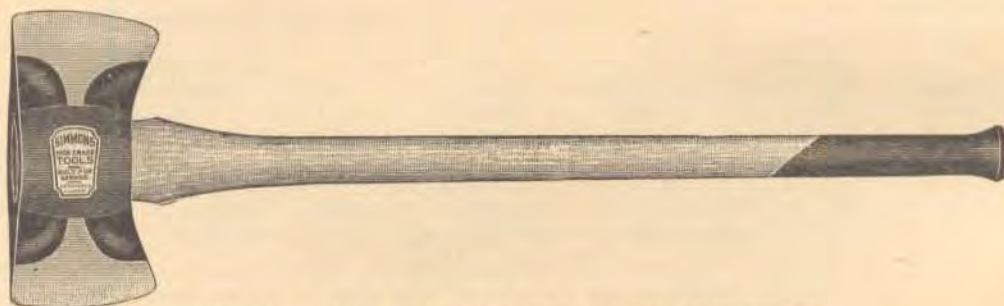
- Sturdy, high grade forged steel head—properly tempered and hardened.
- Correctly shaped to burst the chips free and come out clean—will not bind.
- Guaranteed against defects in material or workmanship.
- Accurately balanced for a smooth, easy swing.

Head construction combines mild steel body and eye (to prevent chipping of head or breaking of eye) with high grade crucible steel bits—electrically welded into one solid, durable piece.

- Takes and holds hard, sharp cutting edge.
- High quality handle—strong and sturdy. Comfortable grip.
- Head fastened to handle with the safest locking wedge ever designed.
- Attractively finished to match built-in quality.

Good grade, clear, second growth hickory handle, smoothly finished. **SIMMONS** patented self-locking wedge locks head securely onto handle—absolutely prevents loosening.

For a Good Axe at an Economical Price—Choose a **SIMMONS**



REGULAR OR WESTERN PATTERN—HOLLOW BEVEL

Red enameled, with blue enameled bevels and polished bits.

TB S850DB—Handled

With No.	TB DCT oval handle, assorted color tips.	Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3	to 4		\$2.45	65
3½	to 4½		2.50	70
4	to 5		2.60	75

TB S850—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.10	49
3½ to 4½	2.15	54
4 to 5	2.25	59



REGULAR OR WESTERN PATTERN

Natural, black finished, polished bits.

TB S650DB—Handled

With No.	TB DCT oval handle, assorted color tips.	Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3	to 4		\$2.45	65
3½	to 4½		2.50	70

TB S650—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.10	49
3½ to 4½	2.15	54

One dozen in a crate.

Weight of axe stamped near the eye.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SIMMONS DOUBLE BIT AXES

An Unusual Value—for Long Service!

Mild steel body, high grade crucible steel bit. Good grade hickory handle—fastened with **SIMMONS** patented wedge



REGULAR OR WESTERN PATTERN

Gold bronzed with bits polished.

TB S750DB—Handled

With No. TB DCT oval handle, assorted colored tips.		
Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.45	65
3½ to 4½	2.50	70

TB S750—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.10	49
3½ to 4½	2.15	54



MICHIGAN PATTERN, PLAIN

Natural black finish with bits polished.

TB S652DB—Handled

With No. TB DCT oval handle, assorted colored tips.		
Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.45	65
3½ to 4½	2.50	70

TB S652—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.10	49
3½ to 4½	2.15	54



MICHIGAN PATTERN, PLAIN

Gold bronzed with bits polished.

TB S752DB—Handled

With No. TB DCT oval handle, assorted colored tips.		
Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.45	65
3½ to 4½	2.50	70

TB S752—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.10	49
3½ to 4½	2.15	54

One dozen in a crate.

Weight of axe stamped near the eye.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KELLY PERFECT AXES

Fine quality materials and workmanship assure long, satisfactory service.

The head construction combines an extra tough crucible steel bit with a soft steel body and eye—electrically welded into one durable piece.

Normalizing process permits even tempering of bit. Body hollow beveled—shaped for fast, easy use. Poll hardened.

On handled axes, handle is accurately fitted for perfect balance—firmly fastened in head with wood wedge.

SINGLE BIT



MICHIGAN PATTERN—HOLLOW BEVEL

Polished, with bevels painted blue.

TB 1401Q—Handled

With No. TB CA36 oval hickory handle—straight grained, thoroughly dried and smoothly finished.

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.35	65
3½ to 4½	2.45	70

TB 1401—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$1.90	49
3½ to 4½	2.00	54



DAYTON (WIDE HEAD) PATTERN—HOLLOW BEVEL

Polished, with bevels painted blue.

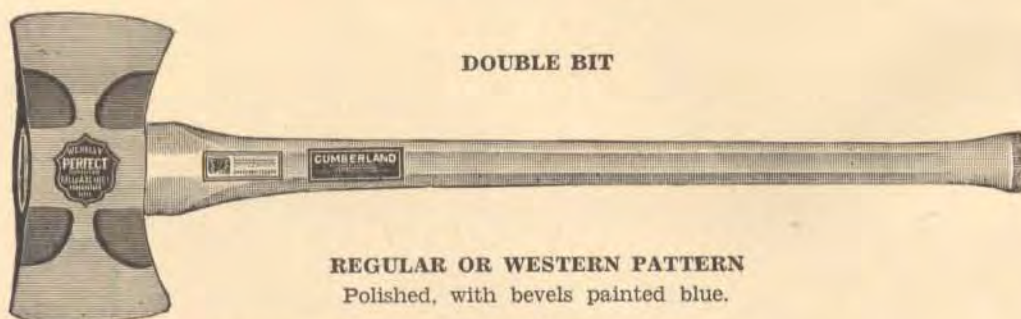
TB 1400Q—Handled

With No. TB CXX36 octagon hickory handle—straight grained, thoroughly dried and smoothly finished.

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3½ to 4½	\$2.45	70

TB 1400—Unhandled

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3½ to 4½	\$2.00	54



DOUBLE BIT

REGULAR OR WESTERN PATTERN

Polished, with bevels painted blue.

TB 1450DF—HANDLED

With No. TB CDXX octagon handle—straight grained, thoroughly dried and smoothly finished.

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.90	65
3½ to 4½	3.00	70

TB 1450—UNHANDLED

Weight Head, Lbs.	Each	Weight Per Dozen, Lbs.
3 to 4	\$2.65	49
3½ to 4½	2.75	54

Handled axes one dozen in a crate—Unhandled axes one dozen in a wood box.
Weight of axe stamped on poll.

When ordering—specify number and weight of head.

WE CAN SUPPLY AXES HANDLED WITH ANY OF OUR STOCK HANDLES—SEE HANDLE COMBINATIONS

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

BOYS' AXES KEEN KUTTER



YANKEE PATTERN—HOLLOW BEVEL

An ideal axe for campers, hunters or scouts. The tough, durable head takes and holds a sharp edge.

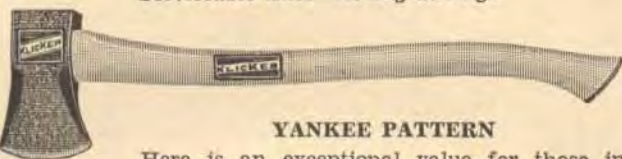
Forged, highest grade tool steel head—carefully and uniformly tempered—handsome, full polished finish with red painted hollow bevels. Extra quality straight grained, oval hickory handle. Head fastened with **SIMMONS** patented wedge—cannot come loose or fly off.

Weight head 2¼ lbs. Length handle 28 inches.

TB KB92—Weight per dozen 45 lbs. Each \$1.85

KLICKER

Serviceable Axes—At Big Savings



YANKEE PATTERN

Here is an exceptional value for those in need of an economy priced axe for general service.

Strong forged steel head with hard tempered, sharp bit. Has rust-resisting black crackled (Morocco) finish. Good quality oval hickory handle.

Weight head 2¼ lbs. Length handle 28 inches.

TB 2K—Weight per dozen 40 lbs. Each \$1.45

One-half dozen in a crate.

Heads enclosed, handles projecting and burlapped.



YANKEE PATTERN—HOLLOW BEVEL

An inexpensive, money saving axe for general use.

Cast steel head with polished bit and attractive rust-resisting body finish—painted red, with blue bevels. No. 2 quality handle.

Weight head 2¼ lbs. Length handle 28 inches.

TB 52K—Weight per dozen 40 lbs. Each \$0.98

One dozen in a case.

Handles projecting and covered with heavy kraft paper.

KEEN KUTTER BROAD AXES

America's Finest

"BOB TAYLOR" CANADA PATTERN

- Razor-sharp bit—hand tempered and tested for fast, easy cutting.

- Extra durable head—forged in one solid piece from special analysis high carbon tool steel. Hardened poll.

- Large broad eye gives handle large bearing surface—set close to blade for better control—makes possible closer, neater work.

Properly shaped and balanced blade—unusually narrow in proportion to length. Weight well distributed. Black forged finished—bit polished.

Nos.	Each	Weight, Lbs.	Width Cutting Edge, In.	Wt. Per Doz., Lbs.
TB KBT67	\$7.25	6 to 7	11 to 12	92
TB KBT78	7.50	7 to 8	12 to 13	108

Each axe put up in a sealed wrapper and labeled, giving weight of axe.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

HOUSE AXES



KEEN KUTTER

Finest Quality, Handiest Little Axe Ever Made

An excellent axe for use around your house or workshop. The tough, durable head takes and holds a keen, easy-cutting edge.

Solid forged steel head finished in jet black with polished bit. Selected good quality hickory handle securely fastened with wood wedge—will not come loose.

Weight head 2¼ lbs. Length handle 18½ inches.

TB KH2¼—Weight per dozen 36 lbs. Each \$1.50



SIMMONS

A Real Value Leader!

Popularly priced—but better quality than many other higher priced axes. A really serviceable axe for general use.

Hand forged steel head with sharp, polished bit—rust-resisting black Morocco finish. Comfortable grip wood handle, ivory lacquered. Head firmly fastened with wood wedge. Good balance.

Weight head 2¼ lbs. Length handle 18½ inches.

TB SHM—Weight per dozen 38 lbs. Each \$1.39

One-half dozen in a carton.



SIMMONS LEADER

Good Quality at a Low Price

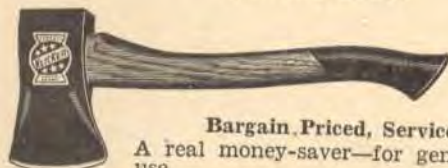
Forged steel head, black finish, polished bit. Hickory handle, ivory finish, black tip—securely wedged.

Weight head 2¼ lbs. Width cut 3¼ inches. Length 18 inches.

TB SY3—Weight each 2¼ lbs. Std. List

Each \$1.39 Each \$1.39

Four in a carton.



KLICKER

Bargain Priced, Serviceable Axe

A real money-saver—for general all around use.

Special one-piece "Craftcoite" (chrome-nickel alloy) head—heat treated for strength and durability. Rust-resisting black enamel finish. Sharp polished cutting edge. Good grade hickory handle, brown lacquered with red tip. Head tightly fastened with solid wood wedge.

Weight head 2¼ lbs. Length handle 16 inches.

TB 16HK—Weight per dozen 34 lbs. Each \$0.89

One-half dozen in a carton.

SIMMONS ADZES

Carpenters'—Half Head

Forged one-piece tool steel, carefully and uniformly tempered—extra tough and durable. Face of head hardened and polished—polished bit. Solid punched eye. Black finish body.



No.	Width Cut, Ins.	Length, Ins.	Weight per Doz., Lbs.	Each	TB SC4
					4
					9
					50
					\$2.45

One dozen in a wood box.

KEEN KUTTER SCOUT AXES

Ideal for Hunters, Campers and Scouts to Take on That Trip



—carefully tempered with precision ground, long lasting edge. Punched eye. Nail slot. Strong, comfortable grip handle of best quality, second growth white hickory. Handle secured with **SIMMONS** patented wedge—cannot loosen or fly off.

Handsome, durable jet black finish with trade mark etched deep on gold bronzed background. Poll and cutting edge polished. Width of cut $3\frac{1}{4}$ inches—length over all $14\frac{1}{4}$ inches.

TB K10—Axe only. Weight per dozen 20 lbs. Each \$1.39

TB K20—Axe No. TY K10 and Sheath No. TB KS. Weight per dozen 22 lbs. Each \$1.98

One-half dozen in a cardboard box.

SHEATHS FOR ABOVE KEEN KUTTER SCOUT AXES



Protect the keen edge and fine finish of your axe with one of these snug fitting, tough and durable sheaths. Made of high grade tan bridle leather, securely sewed and riveted. **KEEN KUTTER** snap button—grooved flap. Loop for hanging on a 1 inch belt. Length $6\frac{1}{4}$ inches—width $3\frac{1}{2}$ inches.

TB KS—Weight per dozen 2 lbs. Each \$0.59

Packing—bulk.

OFFICIAL BOY SCOUT AXES

APPROVED AND LICENSED BY THE BOY SCOUTS OF AMERICA



BRIDGEPORT

One piece head and handle of finest quality

heat treated and hardened steel, with good sharp cutting edge and nail slot. Handle has inlaid natural finish hickory grip—securely fastened by two steel rivets. Attractively finished with polished poll and bit and red painted handle tip. Deep stamped, enamel filled Official Emblem on head. Width cut $3\frac{1}{4}$ inches—length over all $13\frac{1}{2}$ inches.

Equipped with tough, protective sheath of high grade tan bridle leather—well sewed and riveted. Has snap fastener and loop for 1 inch belt. Embossed with Official Boy Scout Emblem.

TB 424—Axe and Sheath. Weight per dozen 20 lbs. Each \$2.00



PLUMB'S IMPROVED

Official Insignia stamped in gold on head. Strong head of one piece special analysis forged steel scientifically tempered. Nail slot. Handle well seasoned second growth hickory—fastened with patent take-up wedge to prevent loosening. Head handsomely finished in high lustre black with polished bit. Handle red finished with red painted grip and colorful green stripes. Weight head $1\frac{1}{4}$ lbs.—width cut $3\frac{1}{2}$ inches—length over all 14 inches.

TB 680—Axe only. Weight per dozen 18 lbs. Each \$1.45

Attractive sheath of good quality leather securely sewed and riveted. Large flap and snap fastener.

TB 682—Axe with Sheath. Weight per dozen 22 lbs. Each \$1.75

One-half dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SCOUT AXES

KLICKER

A SERVICEABLE AXE AT A LOW PRICE



Good grade cast head, tempered, with sharp bit ready for long use—punched eye. Nail slot. Attractive blue enamel finish head with polished cutting edge. Good grade handle, white lacquered with blue tip. Tight holding wood wedge. Width of cut $3\frac{1}{2}$ inches—length over all $13\frac{1}{2}$ inches.

TB 2SK—Weight per dozen 24 lbs. Each \$0.69



FOR SCOUTS, CAMPERS AND GENERAL UTILITY

Good grade cast head, tempered with sharp bit ready for long service. Punched eye. Handsomely finished, red colored body with polished blade. Smooth grip, brown lacquered wood handle, with red tip. Wood wedge. Width cut 3 inches—length over all $14\frac{1}{4}$ inches.

TB 49SK—Weight per dozen 12 lbs. Each \$0.49

One-half dozen in a carton.

Wedges for Securing Handles on Handled Tools

"GRADY WEDGE"

- Holds like a fish hook when driven in handle end—sharp corrugations prevent wedge from coming loose. Handle end stays securely wedged—head cannot slip or fly off.
- Non-rusting metal—cannot swell and crack handle. Cannot split or break loose.



AXE WEDGES

Length— $1\frac{1}{4}$ inches.
Width— $1\frac{1}{8}$ inches.
Thickness— $\frac{1}{8}$ inch at top—tapers to sharp edge.

TB 15—Weight per gross $7\frac{1}{2}$ lbs. Each \$0.05

One dozen in a carton.



Length— $1\frac{1}{8}$ inches.
Width— $1\frac{1}{8}$ inch.
Thickness— $\frac{1}{8}$ inch at top—tapers to sharp edge.

TB 10—Weight per card 1 lb. Each \$0.05

Two dozen on easel back display card.

HATCHET OR HAMMER WEDGES



Length— $1\frac{1}{8}$ inches.
Width— $\frac{1}{2}$ inch.
Thickness— $\frac{1}{8}$ inch at top—tapers to sharp edge.

TB 5—Weight per card 1 lb. Each \$0.05

Three dozen on easel back display card.

BOX HAMMERS OR CRATE OPENERS



Good grade solid forged steel. Claw hardened, tempered and tested. Hammer head hardened and tempered with one scored and one smooth face.

No.	Each	Length Over All, Ins.	Length Head, Ins.	Wt. Per Doz., Lbs.
TB 70	\$0.59	9 $\frac{1}{2}$	3	13

One-half dozen in a carton.

CARTON OPENER OR WAREHOUSE JIMMIES



A most convenient and inexpensive tool for store, factory, farm, warehouse and general household use. It is handy for opening cartons, cases, crates, boxes and barrels, and for prying open obstinate drawers and windows.

Exceptionally strong—forged from solid one-piece, high-grade steel with highly tempered, thin, double-edged blade. Length 11 inches.

No.	Each	Weight Per Dozen, Lbs.
TB 50	\$0.59	8 $\frac{1}{2}$

One dozen in a carton.

NAIL PULLERS



SURE GRIP

Pulls nails straighter—without slipping or pinching hands.

Sharp, strong jaws work automatically without springs, box joint construction keeps jaws in line—cannot slip. Needs less ramming. New style rocker arm gives greater leverage. Improved hand guard protects you from injury.

The wide, flat base of rocker arm makes tool useful for opening cases or boxes with thin wood tops. All working parts forged from special analysis steel, extremely strong and durable. Shank and hand guard forged in one piece. Heavy steel rivet at joint. Heavy cast handle, jet black enameled finish. All other parts natural steel. Jaw points polished.

No.	Each	Length Over All, Inches	Wt. Per Doz., Lbs.
TB 56S	\$1.75	17 $\frac{3}{4}$	53

Three dozen in a case.

TACK CLAWS

KEEN KUTTER



Shaped for Easy Work
Designed for best leverage—built to last.

Claw and shank forged from highest grade tool steel, blued finish. Stained hardwood handle, with nickel plated ferrule.

No.	Each	Length Over All, Inches	Length Handle, Inches	Width Claw, Inches	Weight Per Doz., Lbs.
TB K5	\$0.19	7	4	$\frac{5}{8}$	2

One dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

CARPENTERS' WRECKING BARS

SIMMONS



Extra Strong for Heavy Work—Solid high carbon octagon rail steel, with polished ends. Wedge or chisel point at upper end for easy prying—goose neck bend and claw at lower end for strong leverage.

Nos.	Each	Length, Inches	Diameter, Inch	Wt. Per Doz., Lbs.
TB SG18	\$0.19	18	$\frac{5}{8}$	25
TB SG24	.29	24	$\frac{3}{4}$	42
TB SG30	.39	30	$\frac{3}{4}$	50

SIMMONS LEADER



Good quality at a low price.
Tough and sturdy. Drop forged hexagon bend and claw at lower end.

TB SU2—Weight each 3 $\frac{3}{4}$ lbs.

Std. List Each \$0.39 Each \$0.39

Packing—bulk.

CROW BARS

Built for Extra Heavy Duty—Solid forged steel with round body, octagon neck and squared lower end. Oil finished. Hardened points.



WEDGE POINT

Nos.	Each	Length, Feet	Size Square, Inches	Weight Each, Lbs.
TB W14	\$1.90	4 $\frac{1}{2}$	1 $\frac{1}{8}$	14
TB W18	2.50	5	1 $\frac{1}{4}$	18



PINCH POINT

Nos.	Each	Length, Feet	Size Square, Inches	Weight Each, Lbs.
TB P18	\$2.50	5	1 $\frac{1}{4}$	18
TB P22	2.95	5 $\frac{1}{2}$	1 $\frac{3}{8}$	22
TB P26	3.75	6	1 $\frac{1}{2}$	26

Packing—bulk.

HANDY BARS



High carbon octagon steel, $\frac{1}{2}$ -inch in diameter, 12 inches long—with polished ends. Wedge or chisel point at upper end, goose neck bend and claw at lower end.

No.	Each	Weight Per Dozen, Lbs.
TB HB	\$0.12	9

One-half dozen in a carton.

STAPLE PULLERS



For pulling staples and small nails. Handy for opening crates. Shaped for maximum leverage.

Forged from $\frac{1}{4}$ inch octagon tool steel, natural finish. Claw tempered and polished. Length 9 $\frac{1}{4}$ inches.

TB M—Weight per dozen 7 lbs. Each \$0.19

One-half dozen in a carton.

KEEN KUTTER HATCHETS—Highest Quality—Full Polished

- Forged from highest grade tool steel—for longer wear. Plain punched eye.
- Head and bit properly hardened and carefully tempered—holds sharp, fast-cutting edge.
- Head fastened with **SIMMONS** patent wedge for safety—will not fly off.
- Perfect balance gives smooth, accurate swing—for better work.
- Straight grained, waxed, white hickory handle—designed for comfortable grip.

Be Sure That Your Hatchet Is a KEEN KUTTER



**HALF
HAINES PATTERN**

Adze eye—round neck, bell poll, plain face.
Nail slot.

No.	TB KP301
Width Cut, Inches	3
Length Over All, Inches	13
Weight Head, Ounces	18
Weight Per Dozen, Lbs.	14 ½
Each	\$2.35



**LATHING
UNDERHILL PATTERN**

Plain eye—square head with checkered face—81 points.

No.	TB KP420
Width Cut, Inches	2 1/8
Length Over All, Inches	12 1/2
Weight Head, Ounces	15
Weight Per Dozen, Lbs.	19
Each	\$2.45

One-third dozen in a display box.



**LATHING
HAINES PATTERN**

Adze eye—round neck, bell poll—checkered face—64 points.

No.	TB KP401
Width Cut, Inches	2 1/8
Length Over All, Inches	13
Weight Head, Ounces	13
Weight Per Dozen, Lbs.	15
Each	\$2.35

One-third dozen in a display box.



KEEN KUTTER hatchets are packed in an attractively colored display box. Easily set up—clearly displays hatchet and designates the points of superiority.

You Can Have Tomorrow's Kitchen
and Bathroom Today by Installing
SIMMONS PLUMBING

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER HATCHETS—America's Standard for Quality

- Forged from highest grade tool steel—for longer wear. Plain punched eye.
- Head and bit properly hardened and carefully tempered—holds sharp, fast-cutting edge.
- Attractive velvet-black finish with polished bevel. **KEEN KUTTER** trade-mark etched on gold bronzed background.

- Perfect balance gives smooth, accurate swing—for better work.
- Straight grained, waxed, white hickory handle—designed for comfortable grip.
- Head fastened with **SIMMONS** patent wedge for safety—will not fly off.

Be Sure That Your Hatchet Is a KEEN KUTTER

VELVET-BLACK FINISH

HALF



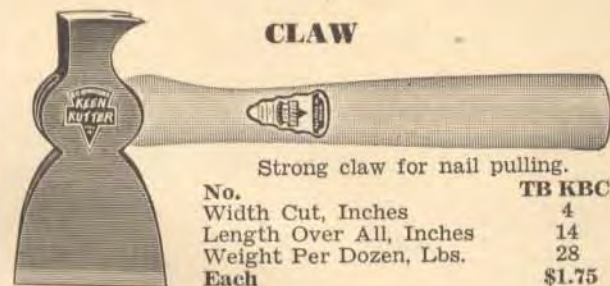
Octagon neck. Plain face. Nail slot.		
Nos.	TB KBH1	TB KBH2
Width Cut, Inches	3¼	3½
Length Over All, In.	12½	13½
Wt. Per Dozen, Lbs.	20	23
Each	\$1.50	1.60

LATHING



Octagon neck. Checkered face. Nail slot.		
Nos.	TB KBL1	TB KBL2
Width Cut, Inches	2¼	2½
Length Over All, In.	12	13
Wt. Per Dozen, Lbs.	18	22
Each	\$1.50	1.60

CLAW



Strong claw for nail pulling.		
No.	TB KBC2	
Width Cut, Inches	4	
Length Over All, Inches	14	
Weight Per Dozen, Lbs.	23	
Each	\$1.75	

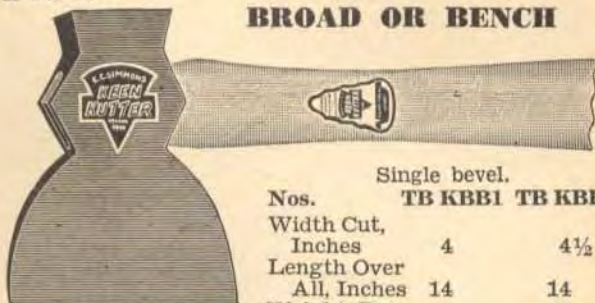
SHINGLING



Octagon neck. Plain face. Nail slot.		
Nos.	TB KBS1	TB KBS2
Width Cut, Inches	3½	4
Length Over All, In.	13	14
Wt. Per Dozen, Lbs.	22	25
Each	\$1.45	1.50

One-third dozen in a display box.

BROAD OR BENCH



Single bevel.		
Nos.	TB KBB1	TB KBB2
Width Cut, Inches	4	4½
Length Over All, Inches	14	14
Weight, Doz., Lbs.	23	26
Each	\$1.95	2.25

TB KBB1—one-third dozen in display box. TB KBB2—one-half dozen in a carton.

FLOORING



Single bevel. Nail slot.		
Nos.	TB KBF1	TB KBF2
Width Cut, In.	3¾	4¼
Length Over All, Inches	14	14½
Wt., Doz., Lbs.	24	27
Each	\$2.10	2.35

TB KBF1—one-third dozen in a display box. TB KBF2—one-half dozen in a carton.

RIG BUILDERS' OR OIL DERRICK



Octagon neck, round polished poll, checkered face.		
No.	TB KRBG	
Width Cut, Inches	3½	
Length Over All, Inches	17½	
Weight, Dozen, Lbs.	27	
Each	\$2.25	

PRODUCE



Specially designed for opening crates and boxes. Special top nail slot. Square checkered face.

No.	TB KBGP10
Width Cut, Inches	2
Length Over All, Inches	11½
Weight, Dozen, Lbs.	14
Each	\$1.65

One-third dozen in a display box.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SIMMONS HATCHETS

A Good Tool at a Lower Price

BRONZED FINISH

- Forged from good grade steel with extra tempered bit and hardened poll, punched eye, good service.
- Attractive gold bronzed finish with polished bits.
- Well balanced, smooth, accurate swing.
- Good grade white hickory handles—smooth finished for comfortable grip.
- Heads fastened with **SIMMONS** patented wedge for safety. Will not fly off.

HALF



Octagon neck, plain face—nail slot.

No.	TB SH1
Width Cut, Inches	3 1/4
Length Over All, Inches	12 1/2
Weight Per Dozen, Lbs.	20
Each	\$1.19

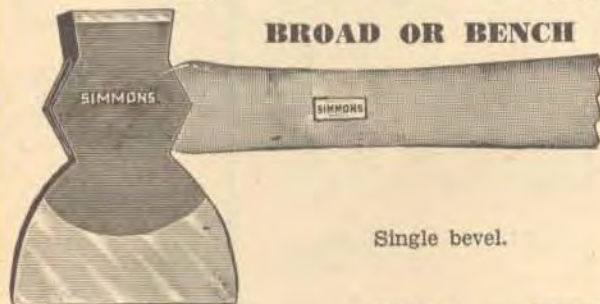
SHINGLING



Octagon neck, plain face—nail slot.

No.	TB SS1
Width Cut, Inches	3 1/2
Length Over All, Inches	13
Weight Per Dozen, Lbs.	22
Each	\$1.19

BROAD OR BENCH



Single bevel.

Nos.	TB SB1	TB SB2
Width Cut, Inches	4	4 1/2
Length Over All, Inches	14	14 1/2
Weight Per Dozen, Lbs.	21	26
Each	\$1.59	1.75

One-half dozen in a carton—two dozen in a case.

SIMMONS LEADER HATCHETS

HOUSEHOLD



- Handy around the home for chopping wood, hammering, pulling nails and similar duties.

Chrome vanadium steel. Punched eye. Attractive dead black finish with polished bit and face. Ivory lacquered hickory handle with black tip—head securely wedged.

Octagon neck, plain face—beveled nail slot.

No.	TB SW1
Width Cut, Inches	3 1/4
Weight Over All, Inches	7 1/2
Each	\$1.09
Std. List Each	1.09

Four in a carton.

SIMMONS HALF HATCHETS

An unusually attractive buy—a good hatchet at a low price. One-piece forged steel, extra tempered bit, hardened poll, punched eye, sharpened ready for use.

Attractive head, black finish. Polished bit and face, walnut finish hickory handle, with beautiful gold foil label. Head fastened with **SIMMONS** patent wedge—won't fly off handle.

Octagon neck, plain face—nail slot.



No.	TB SSH138
Width Cut, Inches	3 3/8
Length Over All, Inches	12 3/4
Weight Per Dozen, Lbs.	18
Each	\$0.98

One-half dozen in a carton—two dozen in a case.

EXPERT SHINGLERS' HATCHETS

PLUMB



Specially designed and adapted for the man on the job—an exceptionally well-built, serviceable tool.

- Built-in depth gauge adjustable to five positions—a time-saving convenience.
- Extended, inner-edge bit—cutting edge at right angles to conventional edge and extending up to nail slot—greatly increases handiness of tool.

One-piece, special analysis forged steel, scientifically tempered. Punched eye. Checkered face (132 points). High luster black finish, with polished cutting edges. Handle well seasoned second growth hickory, red stained—perfectly shaped and balanced—secured to head by patented take-up wedge; with leather strap.

Weight head 16 ounces. Width cut 2 1/2 inches. Length over all 13 inches.

TB HF565 1/2—Weight per dozen 18 lbs. Each \$2.75

One-half dozen in a carton.

RIG BUILDERS' HATCHETS



GERMANTOWN

These hatchets are well known for their high quality and on account of their long handle meet a definite demand in many sections of the country for oil derrick and rig building purposes.

Forged from one-piece solid steel—punched eye. Head and bit carefully tempered—has sharp, durable edge. Attractive fire bronzed finish. High-grade hickory handle with comfortable grip.

Octagon neck, round poll, scored face. Length handle 18 inches. Width cut 3 1/2 inches. Length over all 18 inches.

TB 1318—Weight per dozen 27 lbs. Each \$2.10

One-half dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KLICKEr HATCHETS

The Economy Buy

JET BLACK FINISH

Finished in jet black, with polished bits.

- One-piece forged steel heads with smooth punched eyes, hardened polls and sharp, hard-tempered bits.
- Good grade, sturdy hickory handles, firmly fastened into heads.

HALF



Octagon neck, plain face—nail slot.
Nos. **TB 21KH**
 Width Cut, In. 3¼
 Length Over All, In. 12½
 Wt. per Doz., Lbs. 20
Each **\$0.89**

SHINGLING



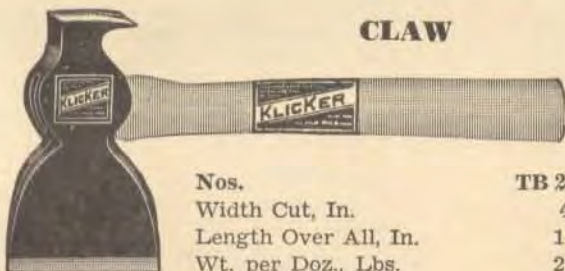
Octagon neck, plain face—nail slot.
Nos. **TB 21KS**
 Width Cut, In. 3¼
 Length Over All, In. 13
 Wt. per Doz., Lbs. 20
Each **\$0.89**

BROAD OR BENCH



Single Bevel
Nos. **TY 22KB**
 Width Cut, In. 4½
 Length Over All, In. 14½
 Wt. per Doz., Lbs. 26
Each **\$1.29**

CLAW



Nos. **TB 22KC**
 Width Cut, In. 4
 Length Over All, In. 14
 Wt. per Doz., Lbs. 28
Each **\$1.10**

One-half dozen in a carton—six dozen in a case.

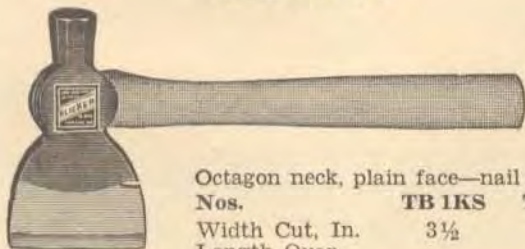
One-half dozen in a carton—six dozen in a case.

GOLD BRONZED FINISH

Attractively finished in gold bronze, with polished bits.

- Cast heads with hardened bits and polls.
- Medium grade hickory handles. These are serviceable tools for general use.

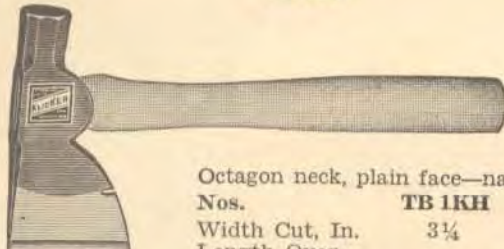
SHINGLING



Octagon neck, plain face—nail slot.
Nos. **TB 1KS** **TB 2KS**
 Width Cut, In. 3½ 4
 Length Over All, In. 12¾ 14
 Wt. per Doz., Lbs. 21 24
Each **\$0.49** **.59**

One-half dozen in a cardboard box.

HALF



Octagon neck, plain face—nail slot.
Nos. **TB 1KH** **TB 2KH**
 Width Cut, In. 3¼ 3½
 Length Over All, In. 12¼ 13½
 Wt. per Doz., Lbs. 21 23
Each **\$0.49** **.59**

One-half dozen in a cardboard box.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER NAIL HAMMERS

TEN REASONS WHY YOU SHOULD USE A KEEN KUTTER HAMMER

1. Highest grade metals—for longer life.
2. Specially hardened faces—prevent crushing or chipping in use.
3. Specially tempered claws—pull large nails easily—will pull headless nails.
4. Long adze eyes—give maximum bearing and leverage on handles—prevent loosening.
5. Handsome finishes—easily cleaned—stay bright.
6. KEEN KUTTER grade, select white hickory handles—straight grained for maximum strength. Well seasoned and springy. Designed for a comfortable grip.
7. Perfect balance—helps do better work with less effort.
8. Heads fastened with SIMMONS patented wedges for absolute safety.
9. Latest improvements in design.
10. Guaranteed against defects in material or workmanship.



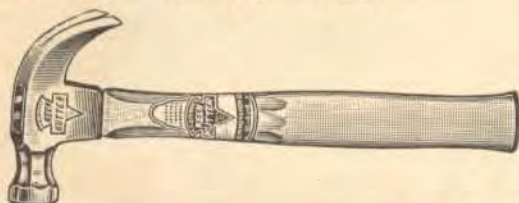
FORGED FROM THE HIGHEST QUALITY ALLOY STEEL

New spring eye—insures tighter hold of head on handle at all times, regardless of any possible shrinkage or drying out of handle. This feature does not weaken the hammer nor will it break the eye.

Special spring neck handle—our exclusive feature. Gives much greater flexibility and resiliency than the ordinary octagon neck handle—reduces shock of blows—less effort, less fatigue.

Streamlined long claw—easily pulls headless nails. Octagon neck, round head, and thoroughly tested.

No.	Each	Full Polished.		Weight Per Doz., Lbs.
		Weight Head, Ozs.	Length Over All, In.	
TB KSA	\$1.75	17	12 3/4	18



Octagon neck handle. Adze eye. Octagon neck, round head. Thoroughly tested.

Nos.	Each	Full Polished.		Weight Per Doz., Lbs.
		Weight Head, Ozs.	Length Over All, In.	
TB KP311	\$1.60	20	14	22
TB KP311 1/2	1.45	16	13	18

FORGED FROM HIGHEST GRADE TOOL STEEL—EXCEPTIONALLY TOUGH



Octagon shaped handle—octagon neck and head. Thoroughly tested.

Nos.	Each	Full Polished.		Weight Per Doz., Lbs.
		Weight Head, Ozs.	Length Over All, In.	
TB K0112	\$1.40	13	13	15
TB K0110 1/2	1.45	17	13	18
TB K0111	1.60	20	14	22



NAIL OR RIPPING
Oval handle. Bell face, straight claws. Dull black finish on neck and under claws.

Nos.	Each	Full Polished.		Weight Per Doz., Lbs.
		Weight Head, Ozs.	Length Over All, In.	
TB K411	\$1.45	20	14	22
TB K411 1/2	1.25	16	13	20
TB K412	1.15	13	13	15



Oval handle. Bell face. Polished head with dull black finish on neck and under claws.

Nos.	Each	Full Polished.		Weight Per Doz., Lbs.
		Weight Head, Ozs.	Length Over All, In.	
TB K611	\$1.45	20	14	22
TB K611 1/2	1.25	16	13	18
TB K612	1.20	13	13	15
TB K613	1.15	7	12	10

PACKAGING OF KEEN KUTTER NAIL HAMMERS



For protection of finish—and your guarantee of quality: All KEEN KUTTER nail hammers are packed in individual cartons (these also make a convenient retailer's package.)



FULCRUM TYPE
The Hammer With the Easy Pull

Specially improved head makes it the easiest hammer to use for pulling nails. Long, easy angle claws spaced far enough from handle to permit prying under a 2-inch plank—rocker knob on head.

Greater accuracy in driving—improved neck design, so shaped that nail will not move away while being driven. Large diameter bell face—improves accuracy in driving. Polished head with dull black finish on neck and under claws. Thoroughly tested.

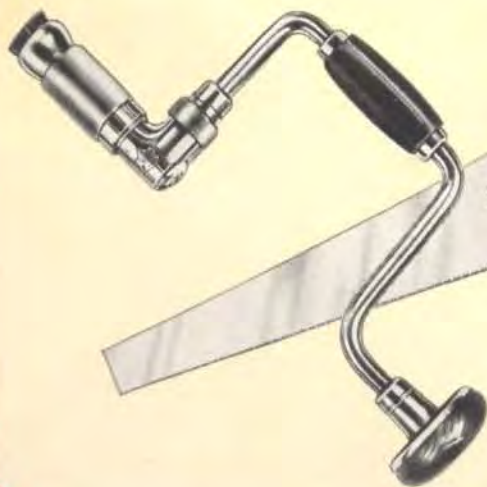
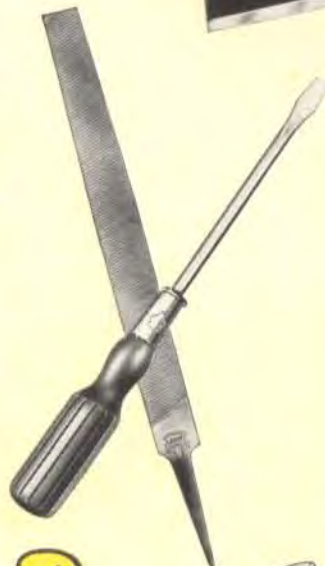
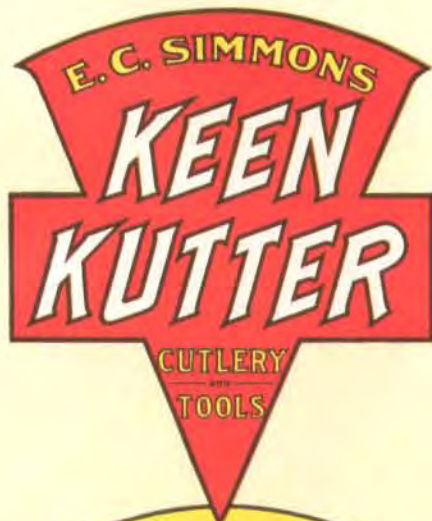
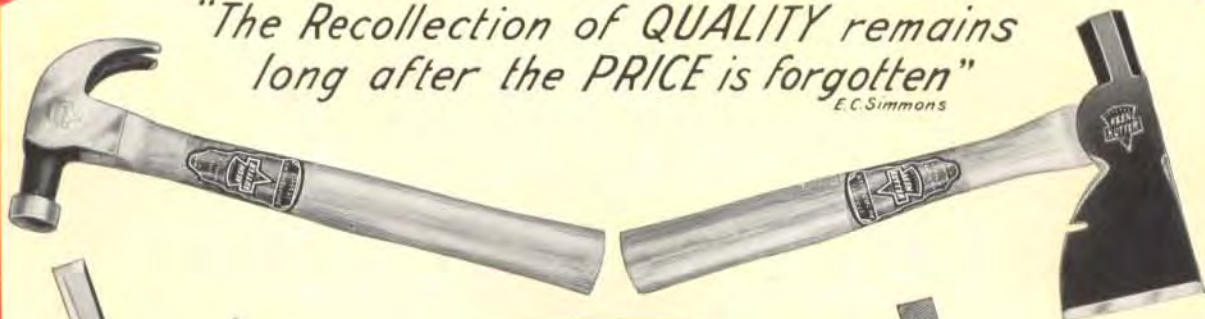
No.	Each	Full Polished.		Weight Per Doz., Lbs.
		Weight Head, Ozs.	Length Over All, In.	
TB K611 1/2 F	\$1.35	16	13	19

One in a carton—six in a fibre box.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

*"The Recollection of QUALITY remains
long after the PRICE is forgotten"*

E.C. Simmons



**"YOU SHOW KEEN JUDGMENT
WHEN YOU SAY *KEEN KUTTER*"**



You can do your work faster, easier and better by using *good* tools and cutlery — **KEEN KUTTER**. This distinctive trade-mark identifies tools and cutlery of surpassing quality in steel, temper—skilled workmanship—perfect balance—razor sharp edges that hold longer! The years will prove how right you were to choose **KEEN KUTTER**—America's standard of quality since 1870—the best known line of tools and cutlery in the world !

As N A T I O N A L L Y A D V E R T I S E D
in C o u n t r y G e n t l e m a n

NAIL HAMMERS

SIMMONS

- Tough, durable heads forged from high grade tool steel—properly tempered with hardened bell faces and claws for long service. Adze eyes.
- Strong, straight grained handles—smoothly finished—a comfortable grip.
- Heads fastened with **SIMMONS** patented wedges—absolutely cannot come loose or fly off.
- Well balanced for a smooth accurate swing.
- Attractive polished heads and faces—natural finish on necks and under claws.

Compare Them With Other Higher Priced Hammers!



White Hickory Handle

No.	Each	Weight Head, Ozs.	Length Over All, Ins.	Wt. Per Doz., Lbs.
TB S11½	\$0.95	16	13	18



Cherry Lacquered Hickory Handle

No.	Each	Weight Head, Ozs.	Length Over All, Ins.	Wt. Per Doz., Lbs.
TB S211½	\$0.79	16	13	18



NAIL OR RIPPING

Adze Eye. Bell face and straight claws. Both hardened. Polished head, black neck. White hickory handle.

No.	Each	Weight Head, Ozs.	Length Over All, Ins.	Wt. Per Doz., Lbs.
TB S311½	\$0.95	16	13	18

One-half dozen in a carton.

LADIES' HAMMERS SIMMONS LEADER



- Light but strong—every housewife will find it useful and easy to handle. Forged steel. Adze eye. Bell face and poll finished. Black finish on neck. Hickory handle 12 inches long, black tip.

No.	Each	Weight Head, Ozs.	Wt. Per Carton, (6) Lbs.	Std. List, Each
TB SM14	\$0.49	7	4½	\$0.49

Six in a carton.

NAIL HAMMERS

SIMMONS LEADER

- Rugged heads. Adze eyes. Claws grip nail easily. Smooth-grip handle securely wedged in head and well-balanced.

Good Quality at a Low Price



Drop forged steel, hardened face, tempered claws. Bell face. Black finish, with polished striking face. White ash handle 13 inches long.

No.	Each	Weight Head, Ozs.	Wt. Per Carton, (6) Lbs.	Std. List, Each
TB SM1	\$0.33	16	8½	\$0.33



Forged steel hardened and tempered. Bell face. Polished finish, with black finish neck and back of claw. Hickory handle 13 inches long.

No.	Each	Weight Head, Ozs.	Wt. Per Carton, (6) Lbs.	Std. List, Each
TB SM2	\$0.69	16	8½	\$0.69

Six in a carton.



No. TB SM3

Forged manganese steel, hardened face, tempered claws. Octagon neck. Round poll. Hickory handle 12 inches long.

Polished; black finish under claw and top of eye. Semi-octagon handle.

No.	Each	Weight Head, Ozs.	Wt. Per Carton, (4) Lbs.	Std. List, Each
TB SM3	\$0.99	16	6½	\$0.99

Highly polished and extra heat-treated. Bronze finish under neck and claw. Oval handle.

No.	Each	Weight Head, Ozs.	Wt. Per Carton, (4) Lbs.	Std. List, Each
TB SM4	\$1.29	16	6½	\$1.29

Four in a carton.



NAIL OR RIPPING

Good Quality at a Low Price

Forged steel. Adze eye. Hardened bell face. Tempered straight claws. Polished face and plain poll, black finish on neck and under claws. Hickory handle 13 inches long.

No.	Each	Weight Head, Ozs.	Wt. Per Carton, (4) Lbs.	Std. List, Each
TB SM5	\$0.69	16	6½	\$0.69

Four in a carton.

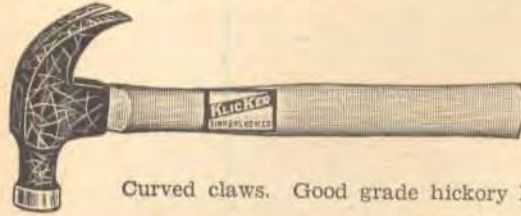
Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

NAIL HAMMERS

KLICKER

Serviceable Tools at a Low Cost

- Forged steel heads with hardened face and claws.
- Adze eyes. Handle firmly wedged into head.
- Comfortable handles—light walnut, stained and smoothly varnished.
- Attractive, protective finishes—crackled black and gold heads with polished bell faces.



Curved claws. Good grade hickory handle.

Nos.	Each	Weight Head, Ozs.	Length Over- all, Ins.	Wt. Per Doz., Lbs.
TB 11½K	\$0.49	16	13	18
TB 12K	.45	13	13	14½

NAIL OR RIPPING



Straight claws. Good grade hickory handle.

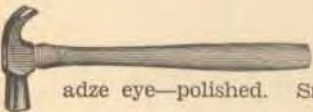
No.	Each	Weight Head, Ozs.	Length Over- all, Ins.	Wt. Per Doz., Lbs.
TB 211½K	\$0.49	16	13	18



Bargain Hammer
Cast steel—hardened and polished bell face and curved claws. Adze eye. Good quality bell shaped ash handle firmly wedged into head.

die firmly wedged into head.

No.	Each	Weight Head, Ozs.	Length Over- all, Ins.	Wt. Per Doz., Lbs.
TB 91½	\$0.25	14½	14	15



STANDARD LADIES' OR HOUSEHOLD

Small size, light weight. Cast iron, curved claws. adze eye—polished. Smooth grip hickory handle.

No.	Each	Length Head, Ins.	Length Over- all, Ins.	Wt. Per Doz., Lbs.
TB 150	\$0.10	3¼	10¾	4

One-half dozen in a carton.

Keep Young and Fit. Ride a
SIMMONS
BANNER OR DELMAR BIKE

MACHINISTS' BALL PEIN HAMMERS



KEEN KUTTER

Forged from highest grade tool steel—hardened face and pein—thoroughly tested. **KEEN KUTTER** grade select white hickory spring neck handle—designed for a firm grip. Head fastened with **SIMMONS** patented wedge—absolutely safe, cannot come off. Superior hang and balance. Polished pein, side and face of poll and side of head. Octagon pattern.

Nos.	Each	Weight Head, Ozs.	Length Over- all, Ins.	Wt. Per Doz., Lbs.
TB KM40	\$0.98	6	12	6¾
TB KM20	.98	12	14	14
TB KM0	1.09	16	14	16
TB KM1	1.15	20	15	21
TB KM2	1.23	24	16	24

One-third dozen in a carton.

TB KM3	1.29	28	17	28
TB KM4	1.35	32	17	30
TB KM6	1.50	40	19	39

One-sixth dozen in a carton.



SIMMONS

Forged tool steel head—hardened face and pein. Extra grade white hickory handle, strong and smooth. Head securely fastened into **SIMMONS** patented wedge—cannot come loose. Properly balanced. Octagon pattern—black finish, polished face and pein.

Nos.	Each	Weight Head, Ozs.	Length Over- all, Ins.	Wt. Per Doz., Lbs.
TB S20	\$0.79	12	14	14
TB S1	.89	20	15	21
TB S2	.95	24	16	24
TB S4	1.10	32	17	30

One-third dozen in a carton.



SIMMONS LEADER

Octagon Pattern

Drop forged steel, hardened and tempered. Polished pein, face, poll and sides of head.

Nos.	Each	Wt. Head, Ozs.	Length Handle, Inches	Wt. Per Carton, (4) Lbs.	Std. List, Each
TB SM7	\$0.75	16	14	5¾	\$0.75
TB SM87	.85	20	15½	7¼	.85
TB SM8	.95	24	15½	7¾	.95
TB SM9	1.05	28	16	8¼	1.05

Four in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

MACHINISTS' RIVETING HAMMERS



KEEN KUTTER

Forged, highest grade tool steel head—expertly hardened face and pein. **KEEN KUTTER** grade select white hickory handle, smooth and comfortable to hold. **SIMMONS** patented wedge—absolutely prevents head from coming off. Superior hang and balance. Handsome full polished finish. Plain eye.

Nos.	Each	Weight Head, Ozs.	Length Over, all, Ins.	Wt. Per Doz., Lbs.
TB KPR2	\$1.25	9	13	9½

One-half dozen in a carton.

BLACKSMITHS' HAMMERS



KEEN KUTTER

Forged, highest grade tool steel head—hardened face and pein—thoroughly tested. **KEEN KUTTER** grade select white hickory handle—finest made. Head securely fastened with **SIMMONS** patented wedge—absolutely cannot come loose or fly off. Superior hang and balance. Attractive dull black finish with polished face and pein.

Nos.	Each	Weight Head, Ozs.	Length Over, all, Ins.	Wt. Per Doz., Lbs.
TB KBB1	\$1.45	32	16	29
TB KBB2	1.60	42	16	36

One-sixth dozen in a carton.



SIMMONS LEADER

Drop forged steel, hardened head and pein. Good grade hickory handle, length 15 inches. Even balance. Full polished head and pein.

No.	Each	Weight Head, Ozs.	Wt. Per Carton (4), Lbs.	Std. List, Each
TB SM6	\$1.39	42	11¾	\$1.39

One-third dozen in a carton.

SAW SETTING HAMMERS



KEEN KUTTER

Drop forged from highest grade tool steel for longest life. Specially tempered, hardened and polished face, top and cross pein for accurate saw setting. **SIMMONS** patented wedge—absolutely prevents head from loosening or coming off. Superior hang and balance. Dull black finish body. Plain eye.

No.	Each	Weight Head, Ozs.	Length Over, all, Ins.	Wt. Per Doz., Lbs.
TB KBSS1	\$1.10	7	12	8

One-half dozen in a carton.

FARRIERS' HAMMERS

SIMMONS



Forged tool steel head. Hardened face — tempered and hardened whaleback claws. Extra grade smooth white hickory handle.

Head fastened with **SIMMONS** patented wedge—absolutely cannot loosen or come off. Properly balanced. Handsome full polished finish. Adze eye.

No.	Each	Weight Head, Ozs.	Length Over, all, Ins.	Wt. Per Doz., Lbs.
TB SF10	\$1.25	10	13	13

One-half dozen in a carton.

BRICK HAMMERS



Forged from highest grade tool steel head with scientifically hardened face and tips. **KEEN KUTTER** grade select white hickory handle. **SIMMONS** patented wedge—absolutely prevents head from coming off or loosening. Superior hang and balance. Attractive dull black finish. Adze eye, square face.

No.	Each	Weight Head, Lbs.	Length Head, Inches	Length Overall, Inches	Weight Per Doz., Lbs.
TB KB15	\$1.65	1½	8¾	11	25

One-third dozen in a carton.

DEFIANCE



Good quality forged head—hardened face and tip. Adze eye, square face. Good grade hickory handle. Head black enameled.

No.	Each	Weight Head, Ozs.	Length Over, all, Ins.	Wt. Per Doz., Lbs.
TB 0431½A	\$1.20	23	11	21

One-third dozen in a carton.

UPHOLSTERERS' HAMMERS



Good quality forged steel—tempered claws and face. White hickory handle 12 inches long, securely fixed in head with metal wedge. Head nicely polished.

No.	Each	Diameter Face, Inches	Length Head, Inches	Weight Per Doz., Lbs.
TB 645	\$0.95	½	5¾	8

One-half dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

BILL POSTERS' HAMMERS

KEEN KUTTER



Forged from highest grade tool steel head with hardened faces. Strongly magnetized end. **KEEN KUTTER** grade select white hickory handle. Head fastened with **SIMMONS** patented wedge for absolute safety and longer life. Superior hang and balance. Handsome full polished finish.

Nos.	Each	Weight Head, Oz.	Length Head, In.	Length Over All, In.	Weight Per Doz., Lbs.
TB K55	\$1.10	5	4	11	6
TB K85	1.25	8	4½	11½	9

One-half dozen in a carton.

TACK HAMMERS

SIMMONS

Forged, high grade tool steel head, horseshoe pattern. Magnetic end—holds tacks straight for accurate placing. Comfortable hardwood handle—good balance. Attractive full polished finish. Plain eye.



With claw for pulling tacks.

No.	Each	Length Head, In.	Length Over All, In.	Wt. Per Doz., Lbs.
TB S600	\$0.45	4¾	11	6



With flat face instead of claw.

No.	Each	Length Head, In.	Length Over All, In.	Wt. Per Doz., Lbs.
TB S650	\$0.45	4	11	5½

KLICKER



Magnetic—horseshoe pattern. Tool steel head, plain eye, full polished. Smooth polish hardwood handle.

No.	Each	Length Head, In.	Length Over All, In.	Wt. Per Doz., Lbs.
TB 095K	\$0.23	3¾	11¾	6

One-half dozen in a carton.

WOOD MALLET

ROUND HICKORY HEAD

Hard durable head of good quality varnished hickory. Plain, straight grained hardwood handle 8½ inches long—tightly mortised in head.

Length head 5 inches. Diameter head 3 inches.



TB 103—Weight per dozen 12 lbs. Each \$0.45

TINNERS' ROUND HEAD

Good value—plain finish hardwood head with hardwood handle 10 inches long, tightly fitted into head.

Length head 5½ inches. Diameter head 2¼ inches.



TB 104—Weight per dozen 14 lbs. Each \$0.39

Packing—bulk.

WOOD MALLET

KEEN KUTTER

Strong, Perfectly Balanced

- Heads of selected, second growth field hickory—well seasoned and shellacked for durability. Straight grained hardwood handles, 10¼ inches long.
- Handles extend clear through heads—fastened with **SIMMONS** patent wedges—cannot loosen or fly off.



ROUND HEAD

Length head 6 inches. Diameter head 2½ inches.

TB K216—Weight per dozen 14 lbs. Each \$0.45



BARREL SHAPE HEAD

Length head 6 inches. Diameter head at center 3 inches. Diameter head at ends 2½ inches.

TB K306—Weight per dozen 18 lbs. Each \$0.75

One in a paper wrapper. Packing—bulk.

RAWHIDE HAMMERS AND MALLET

Can be used with perfect safety on such striking operations as assembling, dismantling, shaping, forcing, loosening and adjusting—will not break, injure or mar finished surfaces, tools or products.

Mechanics will handle these well balanced tools with confidence and safety, rapidly accomplishing work which would be slow, difficult or dangerous with other tools.

The Rawhide is specially prepared Java water buffalo hide stock carefully processed to preserve resilience and strength.

RAWHIDE HAMMERS

Rawhide Faced

Malleable iron head, with tightly rolled resilient rawhide faces firmly pressed into each end. Faces are replaceable. Hardwood handles.



Nos.	Each	Diam. Head, In.	Length Head, In.	Length Over All, In.	Wt. per Dozen, Lbs.
TB 0RH	\$1.50	1	3¾	9½	6
TB 2RH	2.25	1½	4½	13	19½

RAWHIDE MALLET



Rawhide head solidly mounted on straight grained hardwood handle—will not easily loosen or fly off.

Nos.	Each	Diam. Head, In.	Length Head, In.	Length Over All, In.	Wt. per Dozen, Lbs.
TB 2RM	\$1.20	1½	3¼	9¾	4½
TB 4RM	1.60	2	3½	11¼	7½

Packing—bulk.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SIMMONS HAMMERS AND SLEDGES

Expertly designed to withstand the hardest use. Made of tough forged steel with hardened and polished striking surfaces. Properly balanced.

STRIKING HAMMERS

Hardened, polished faces. Baked black enamel finish



SHORT STRIKING Oregon Pattern—Straight Face

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB O4	\$1.10	5	4
TB O6	1.25	5 5/8	6
TB O8	1.45	6 1/4	8
TB O10	1.80	6 3/4	10
TB O12	2.10	7 1/4	12



LONG STRIKING Nevada Pattern—Straight Face

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB N4	\$1.10	5 1/2	4
TB N6	1.25	6 1/2	6
TB N8	1.45	7 1/4	8

BLACKSMITHS' SLEDGES

Hardened, polished faces. Baked black enamel finish



SINGLE FACE—HARDENED PEIN

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB BS8	\$1.59	7	8
TB BS10	1.89	7 1/2	10
TB BS12	2.35	8	12



DOUBLE FACE

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB BD6	\$1.35	6	6
TB BD8	1.49	6 1/2	8
TB BD10	1.79	7	10

Packing—bulk.

BLACKSMITHS' HAND HAMMERS

SINGLE FACE—HARDENED CROSS PEIN



Hardened and polished face. Baked black enamel finish.

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB BH2 1/2	\$0.75	4 3/4	2 1/2
TB BH3	.90	5	3
TB BH4	1.10	5 1/2	4

STONE MASONS' HAMMERS



SINGLE FACE, WITHOUT TEETH

Hardened and polished face and bit
Bronzed body.

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB M3	\$1.20	5 1/2	3
TB M4	1.35	6	4
TB M5	1.60	6 1/2	5
TB M6	1.85	7	6

STONE SLEDGES



SINGLE FACE

Hardened and polished face. Baked black enamel finish.

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB S8	\$1.45	7 1/4	8
TB S10	1.90	7 3/4	10
TB S12	2.10	8 1/4	12
TB S16	2.85	9 1/4	16

SPALLING OR STONE HAMMERS



SINGLE FACE

Hardened and polished face. Baked black enamel finish.

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB J6	\$1.45	6 1/2	6
TB J8	1.95	7 3/4	8
TB J10	2.50	8 1/4	10

Packing—bulk.

You Have a Right to Expect the Best Results
When You Use a
Keen Kooker Cast Iron Range

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

WOOD CHOPPERS' WEDGES

SIMMONS

- Extra hard and sharp, smoothly and evenly tapered—for quick, easy splitting.
- Black finish with bright orange heads—easy to spot for fast work.

Note: Dimensions on wedges are subject to a variation of 15%.



OZARK STAVE MAKERS'

Flared point. Forged from high-quality steel. Hardened bit.

Nos.	Each	Width at Point, Inches	Length Over All, Inches	Weight Each, Lbs.
TB SO3	\$0.59	3 1/8	6 3/4	3
TB SO3 1/2	.65	3 1/4	7 1/4	3 1/2
TB SO4	.69	3 3/8	7 1/2	4
TB SO4 1/2	.79	3 1/2	7 3/4	4 1/2



ARKANSAS WOOD CHOPPERS' OR TIE MAKERS'

Spread point. Forged from high-quality steel. Hardened bit.

Nos.	Each	Width at Point, Inches	Length Over All, Inches	Weight Each, Lbs.
TB SA3 1/2	\$0.59	2 3/4	7	3 1/2
TB SA4	.69	2 7/8	7 1/2	4
TB SA4 1/2	.79	3	7 3/4	4 1/2

Wrapped in paper, one dozen in a case.



REGULAR FLUTED PATTERN

Forged steel, with extra hardened bit.

Nos.	Each	Width at Point, Inches	Length Over All, Inches	Weight Each, Lbs.
TB SS3	\$0.40	1 5/8	8	3
TB SS3 1/2	.45	1 3/4	8	3 1/2
TB SS4	.49	1 7/8	8 1/2	4
TB SS4 1/2	.55	1 7/8	9	4 1/2
TB SS5	.59	1 7/8	10	5
TB SS6	.69	1 7/8	10	6
TB SS7	.79	2	10 1/2	7



CALIFORNIA TRUCKEE PATTERN

Forged steel, with extra hardened bit.

Nos.	Each	Width at Point, Inches	Length Over All, Inches	Weight Each, Lbs.
TB ST3 1/2	\$0.55	1 3/4	8 1/2	3 1/2
TB ST4	.59	1 7/8	9	4
TB ST4 1/2	.65	1 7/8	9 1/2	4 1/2
TB ST5	.69	1 7/8	10	5
TB ST6	.79	2 1/8	10 1/2	6
TB ST7	.89	2 3/8	11	7

Wrapped in paper—two dozen in a case.

WOOD CHOPPERS' MAULS

SIMMONS

Expertly designed, properly weighted and balanced for better work.

Solid forged steel with heat-treated face and bit. Baked black enamel finish.



STANDARD OREGON PATTERN

Oval Eye

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB D6	\$1.50	8 1/2	6
TB D7	1.65	8 7/8	7
TB D8	1.85	9 1/8	8



STANDARD OREGON PATTERN

Axe Eye

Nos.	Each	Length, Inches	Weight Each, Lbs.
TB F6	\$1.50	8 1/2	6
TB F7	1.65	8 7/8	7
TB F8	1.85	9 1/8	8

Packing—bulk.

SIMMONS COAL WEDGES



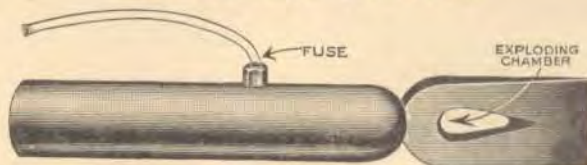
FLAT PATTERN BLASTING

Excellent general utility tool. High quality forged steel—black finished with orange head for easy spotting.

Nos.	Each	Width at Center, Inches	Length Over All, Inches	Weight Each, Lbs.
TB SCW2	\$0.35	1 1/2	8 3/4	2
TB SCW2 1/2	.39	1 1/2	9 1/4	2 1/2

Packing—bulk.

EXPLODING WEDGES



HUTCHINSON'S

- **Saves work of many men:** Splits logs without splintering—opens large logs same as wedging would do—only without time and labor needed for hand work. Excellent for timber men and farmers.
- **Quickly and easily loaded:** Economical to use—takes only about 2 ounces of blasting powder—F-FF-FFF.
- **Built for continuous work—**high-grade high-treated carbon steel—not affected by explosives. Drive with good maul as sledging flattens head.

No.	Each	Dia. Round Sec., Inches	Width Wedge, Inches	Length Over All, Inches	Weight Each, Lbs.
TB 500	\$5.25	1 3/4	2	13	5

Wrapped in paper, with ramming pin and full directions for use.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

MATTOCKS

KEEN KUTTER

Make the job seem easier—quality built for toughest jobs. Forged from high-grade steel, carefully tempered. Adze eye. Painted blue, with polished edges.



No. TB KL

width 2¼ to 2½ inches. Total length 13¾ to 14 inches. Weight per dozen 54 lbs. Each \$1.25

TB KJ—Junior, light short cutter. Weight each 4 lbs. Hoe width 3 to 3¼ inches. Cutter

TB KX—Special light pattern. Short cutter. Weight each 3 lbs. Hoe width 2¾ inches. Cutter width 2 inches. Total length 13 inches. Weight per dozen 40 lbs. Each \$1.25

TB KM—Medium cutter. Weight each 5 lbs. Hoe width 3¼ to 3½ inches. Cutter width 2½ to 2¾ inches. Total length 15½ to 15¾ inches. Weight per dozen 60 lbs. Each \$1.25

TB KS—Short cutter. Weight each 5½ lbs. Hoe width 4 to 4¼ inches. Cutter width 3¼ to 3½ inches. Total length 15½ to 16 inches. Weight per dozen 72 lbs. Each \$1.25

TB KL—Long cutter. Weight each 6 lbs. Hoe width 4 to 4¼ inches. Cutter width 3¼ to 3½ inches. Total length 16½ to 17 inches. Weight per dozen 78 lbs. Each \$1.35



TB KP—Pick. Weight each 6 lbs. Hoe width 4 inches. Hoe length 8½ inches. Pick length 8½ inches. Weight per

dozen 78 lbs. Each \$1.45

KLICKER

Forged steel, tempered. Adze eye. Baked black enamel finish, with polished edges.



TB 5K—Short cutter. Weight each 5 lbs. Hoe width 3½ inches. Cutter width 2½

inches. Total length 15¼ inches. Weight per dozen 66 lbs. Each \$0.98



TB PMK—Pick. Weight each 5 lbs. Hoe width 3½ inches. Hoe length 8 inches. Pick end

length 8 inches. Weight per dozen 66 lbs. Each \$1.19

Two dozen in a case.

GRUB HOES

KEEN KUTTER

Extra strong—durable

Highest grade forged steel, carefully tempered. Oval adze eye. Painted blue. Polished cutting edge.

Nos.	TB K1	TB K5
Width Cutter, Ins.	3¾	5
Length over all, Ins.	10¾	11¼
Weight per Doz., Lbs.	42	54
Each	\$1.25	1.75

Two dozen in a case.



HAZEL HOES

KEEN KUTTER

Extra strong—durable

Soft steel body. Oval adze eye. Full weight tempered tool steel bit for sharp tough edge. Axe finish. Painted blue. Blade 6 inches wide. Length 9 inches. **TB KHH5—Weight per dozen 35**

lbs. Each \$1.50



Two dozen in a case.

RAILROAD PICKS

KEEN KUTTER

Forged carbon tool steel, specially heat-treated, with

oil tempered bit and point. Head painted blue. Polished bit and point.

Nos.	Each	Weight Each, Lbs.	Length, Inches	Wt. Per Doz., Lbs.
TB KR5	\$1.15	5	21	70
TB KR6	1.25	6	23	85
TB KR7	1.40	7	25	98



KLICKER

Solid steel, with hardened bit and point. Black baked enamel finish.

Nos.	Each	Weight Each, Lbs.	Length, Inches	Wt. Per Doz., Lbs.
TB 5KR	\$0.85	5	21	70
TB 6KR	.95	6	23	85
TB 7KR	1.10	7	25	98

Two dozen in a case.

COAL PICKS

KEEN KUTTER

WESTERN MINING PATTERN

Heavy forged steel, with hard sharp points. Black finish.



Nos.	Each	Weight Each, Lbs.	Length, Inches	Wt. Per Doz., Lbs.
TB KCP1 ½	\$0.75	1½	14	18
TB KCP1 ¾	.75	1¾	14½	21
TB KCP2	.75	2	15	30
TB KCP2 ½	.80	2½	15½	38

Packing—bulk.

A KEEN KUTTER

POCKET KNIFE

Affords

EASIER, CLEANER CUTTING,
LONG LASTING EDGE

and
LONG SERVICE

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER AUGER BITS

The Standard of America for More Than a Half Century

- Fast cutting edges that stay sharp longer! Bit forged from highest grade tool steel—specially oil tempered to hold clean cutting edges. Head and cutters sharpened and finished by hand.
- Double extension lips and cutters. Quick, easy start-

ing in either hard or soft wood. Single thread on screw.

- Single twist—easily elevates chips and prevents clogging. Twist and shank highly polished.
- Correctly tapered natural finish square—fits solidly and firmly into brace chuck.

For Faster, Smoother Work—Demand **KEEN KUTTER**



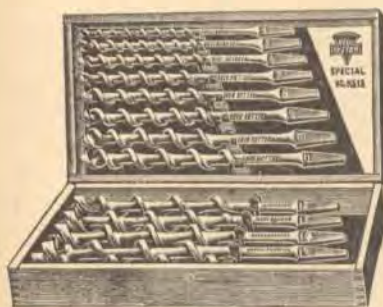
KEEN KUTTER SPECIAL—SOLID CENTER

Length twist about 4½ inches. Length over all about 8½ inches.

Nos.	Each	Size, Inches	Wt. Per Dozen, Lbs.
TB KS3	\$0.37	3/16	¾
TB KS4	.35	4/16	1
TB KS5	.35	5/16	1¼
TB KS6	.37	6/16	1½
TB KS7	.39	7/16	1¾
TB KS8	.43	8/16	2
TB KS9	.47	9/16	2¼
TB KS10	.49	10/16	2½
TB KS11	.60	11/16	3
TB KS12	.60	12/16	3¼
TB KS13	.70	13/16	3½
TB KS14	.70	14/16	3¾
TB KS15	.75	15/16	4
TB KS16	.75	16/16	4½
TB KS18	.95	18/16	5½
TB KS20	1.10	20/16	6½

3/16 to 10/16-inch one-third dozen in a carton.

18/16 and 20/16-inch one-sixth dozen in a carton.



KEEN KUTTER SPECIAL—IN SETS

Length twist about 4½-inch, length over all about 8½-inch.

- Convenient—protective varnished hardwood box.

Set of 32½ Quarters—13 Bits

One each: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16/16 bits.

TB KSB13—Weight per set 6 lbs. Per Set \$7.50

One set in a varnished hardwood box.

KEEN KUTTER BIT EXTENSIONS

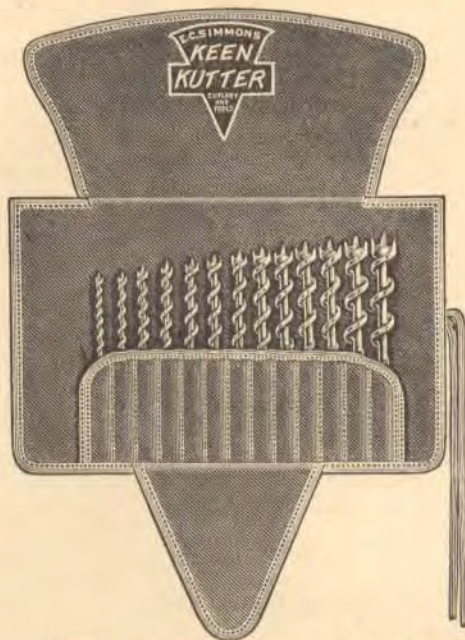


- Extra strong polished steel extension rod ¾-inch in diameter—tapered square. Knurled heavy chuck ¾-inch in diameter. Special design hardened and blued forged steel jaws—reinforced by a sliding chuck shell.

Will follow through the wood, a bit ¾-inch or more in diameter. Length 18 inches.

TB KI18018—Weight per dozen 9 lbs. Each \$2.19

One-half dozen in a cardboard box.



KEEN KUTTER SPECIAL—IN SETS

Length twist about 4½-inch, length over all about 8½-inch.

- Handy—protective cloth roll of heavy, durable black duck, with red binding. Dimensions when closed: 11½ inches long, 3½ inches in diameter.

Set of 20½ Quarters—9 Bits

One each: 4, 5, 6, 7, 8, 10, 12, 14 and 16/16 bits.

TB KSR9—Weight per set 3 lbs. Per Set \$5.25

Set of 32½ Quarters—13 Bits

One each: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16 bits.

TB KSR13—Weight per set 4 lbs. Per Set \$7.50

One set in a roll—each roll in a carton.



KEEN KUTTER SPECIAL—ELECTRICIANS'

Forged, highest grade tool steel bit—specially oil tempered to hold fast, sharp cutting edge longer, head and cutter sharpened and finished by hand. Excellent for hard or soft wood.

Single extension lip and cutter—solid center. Coarse single thread on screw for fast boring.

Highly polished twist and shank. Natural finish square. Length twist about 5 inches, length over all about 9½ inches.

Nos.	Each	Size, Inches	Wt. Per Dozen, Lbs.
TB KSE10/16	\$0.59	10/16	4
TB KSE11/16	.69	11/16	4

One-half dozen in a wood box.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

AUGER BITS

SIMMONS SOLID CENTER

Extra Good Quality at a Low Price



• Drop forged from tool steel—extra strong and durable.

• Sharp double extension lips and cutters. Single twist—single thread on screw.

• Polished twist—lessens possibility of binding; easily cleaned; natural finish square.

For hard or soft wood. Length twist about 4½ inches, length over all about 8 inches.

Nos.	Each	Size, 16ths In.	Wt. Per Doz., Lbs.
TB SS3	\$0.29	3	¾
TB SS4	.27	4	1
TB SS5	.27	5	1¼
TB SS6	.27	6	1½
TB SS7	.30	7	1¾
TB SS8	.35	8	2
TB SS9	.37	9	2¼
TB SS10	.40	10	2½
TB SS11	.49	11	3
TB SS12	.49	12	3¼
TB SS13	.55	13	3½
TB SS14	.55	14	3¾
TB SS15	.65	15	4
TB SS16	.65	16	4½

One-third dozen in a carton.



IRWIN-MAINBOR SOLID CENTER

• Special bit steel—tough and durable.

• Heat-treated heads with double extension lips and cutters. Single twist—single thread on screw.

Hi-lite, smooth (non-binding) finish. Suitable for hard or soft wood. Length twist about 4½ inches, length over all from 7¼ to 9 inches.

Nos.	Each	Size, 16ths In.	Wt. Per Doz., Lbs.	Std. List, Per Doz.
TB 62T3	\$0.39	3	1	\$4.50
TB 62T4	.37	4	1	4.00
TB 62T5	.37	5	1	4.00
TB 62T6	.37	6	1	4.00
TB 62T7	.39	7	2	4.50
TB 62T8	.45	8	2	5.00
TB 62T9	.53	9	2	5.50
TB 62T10	.57	10	3	6.00
TB 62T11	.63	11	3	7.00
TB 62T12	.63	12	4	7.00
TB 62T13	.75	13	4	8.00
TB 62T14	.75	14	4	8.00
TB 62T15	.80	15	5	9.00
TB 62T16	.80	16	5	9.00

One-half dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

IRWIN FERROX SOLID CENTER



Practical for general use—forged from tool steel. Ferrox, anti-rust, natural forged finish, with edge of twist, cutters and screw polished. Double extension lip and cutters. Single twist—single thread on screw.

Length twist 4½ inches, length over all about 8 inches.

Nos.	Each	Size, 16ths In.	Wt. Per Doz., Lbs.
TB FX24¼	\$0.15	4	1
TB FX24½	.18	5	1
TB FX24¾	.20	6	1
TB FX24⅞	.22	7	2
TB FX24⅞	.22	8	2
TB FX24⅞	.24	10	3
TB FX24⅞	.26	12	3

One dozen in a carton.

IRWIN SPECIAL DEALER'S DISPLAY ASSORTMENT



Gives customers visual proof of difference between FX22 Ferrox finish bits and D24 polished bits.

Bits can be displayed where they can be easily seen by every customer in the store.

Assortment offers seven popular sizes in both finishes—24 bits in all!

Prices range from 14c to 25c—meet all competition.

Free counter display helps sell more better quality bits.

One Dozen Ferrox Finish			One Dozen Polished		
Quantity	Size	Each	Quantity	Size	Each
2	¼"	\$0.15	2	¼"	\$0.19
2	⅜"	.18	2	⅜"	.22
3	½"	.20	3	½"	.25
1	⅞"	.22	1	⅞"	.27
2	1½"	.24	2	1½"	.27
1	¾"	.24	1	¾"	.34
1	¾"	.26	1	¾"	.40

TB HA3—Weight per assortment

IRWIN AUGER BIT SETS



Good Quality at Low Price—Very Popular.

Forged from tool steel—heat-treated entire length for added strength. Rust-resisting tumbled black lacquered finish, with polished edges. Shanks painted red.

Set consists of one each: ¼, ⅜, ½, ¾ and 1-inch bits.

TB GA2—Weight per set 1 lb. Per Set \$1.19

One set in a cardboard display box.

#DOUBLE-SPUR MACHINE BITS

GREENLEE



FOR WOOD—A PRACTICAL, FAST-CUTTING, ECONOMICAL TOOL

This pattern is very widely used and is recommended for all general requirements. They bore rapidly and sufficiently smooth for any purpose except some of the exacting requirements of some kinds of cabinet work.

- Crucible steel, tempered and polished—has a high degree of heat resistance for steady, rapid work.
- Lips and cutting edges carefully proportioned for easy, rapid, smooth boring. Single thread screw.
- Maximum stock for wear and sharpening—Gives extra long service. Straight shank $\frac{1}{2} \times 2\frac{1}{4}$ inches.

PRICES SHOWN BELOW ARE MANUFACTURERS LISTS—PRICES QUOTED ON REQUEST.

Diameter, Inches	TB 1504 4 in. Twist Per Dozen	TB 1505 5 in. Twist Per Dozen	TB 1506 6 in. Twist Per Dozen	TB 1508 8 in. Twist Per Dozen	TB 15010 10 in. Twist Per Dozen	TB 15012 12 in. Twist Per Dozen	TB 15014 14 in. Twist Per Dozen	TB 15016 16 in. Twist Per Dozen
#4/16	\$10.80	\$10.80	\$10.80	\$12.96	\$15.12	\$17.28	.....	.....
#5/16	10.80	10.80	10.80	12.96	15.12	17.28	.....	.....
#6/16	10.80	10.80	10.80	12.96	15.12	17.28	\$19.44	\$21.60
#7/16	10.80	10.80	10.80	12.96	15.12	17.28	19.44	21.60
#8/16	10.80	10.80	10.80	12.96	15.12	17.28	19.44	21.60
#9/16	12.00	12.00	12.00	14.40	16.80	19.20	21.60	24.00
#10/16	13.20	13.20	13.20	15.84	18.48	21.12	23.76	26.40
#11/16	14.40	14.40	14.40	17.28	20.16	23.04	25.92	28.80
#12/16	15.60	15.60	15.60	18.72	21.84	24.96	28.08	31.20
#13/16	16.80	16.80	16.80	20.16	23.52	26.88	30.24	33.60
#14/16	18.00	18.00	18.00	21.60	25.20	28.80	32.40	36.00
#15/16	19.20	19.20	19.20	23.04	26.88	30.72	34.56	38.40
#16/16	20.40	20.40	20.40	24.48	28.56	32.64	36.72	40.80
#17/16	21.60	21.60	21.60	25.92	30.24	34.56	38.88	43.20
#18/16	22.80	22.80	22.80	27.36	31.92	36.48	41.04	45.60
#19/16	24.00	24.00	24.00	28.80	33.60	38.40	43.20	48.00
#20/16	25.20	25.20	25.20	30.24	35.28	40.32	45.36	50.40
#21/16	26.40	26.40	26.40	31.68	36.96	42.24	47.52	52.80
#22/16	27.60	27.60	27.60	33.12	38.64	44.16	49.68	55.20
#23/16	28.80	28.80	28.80	34.56	40.32	46.08	51.84	57.60
#24/16	30.00	30.00	30.00	36.00	42.00	48.00	54.00	60.00
#25/16	31.50	31.50	31.50	37.80	44.10	50.40	56.70	63.00
#26/16	33.00	33.00	33.00	39.60	46.20	52.80	59.40	66.00
#27/16	34.50	34.50	34.50	41.40	48.30	55.20	62.10	69.00
#28/16	36.00	36.00	36.00	43.20	50.40	57.60	64.80	72.00
#29/16	37.50	37.50	37.50	45.00	52.50	60.00	67.50	75.00
#30/16	39.00	39.00	39.00	46.80	54.60	62.40	70.20	78.00
#31/16	40.50	40.50	40.50	48.60	56.70	64.80	72.90	81.00
#32/16	42.00	42.00	42.00	50.40	58.80	67.20	75.60	84.00
#33/16	43.80	43.80	43.80	52.56	61.32	70.08	78.84	87.60
#34/16	45.60	45.60	45.60	54.72	63.84	72.96	82.08	91.20
#35/16	47.40	47.40	47.40	56.88	66.36	75.84	85.32	94.80
#36/16	49.20	49.20	49.20	59.04	68.88	78.72	88.56	98.40
#37/16	51.00	51.00	51.00	61.20	71.40	81.60	91.80	102.00
#38/16	52.80	52.80	52.80	63.36	73.92	84.48	95.04	105.60
#39/16	54.60	54.60	54.60	65.52	76.44	87.36	98.28	109.20
#40/16	56.40	56.40	56.40	67.68	78.96	90.24	101.52	112.80
#42/16	60.60	60.60	60.60	72.72	84.84	96.96	109.08	121.20
#44/16	64.80	64.80	64.80	77.76	90.72	103.68	116.64	129.60
#46/16	69.00	69.00	69.00	82.80	96.60	110.40	124.20	138.00
#48/16	73.20	73.20	73.20	87.84	102.48	117.12	131.76	146.40

Packing—bulk.

When ordering—specify number and diameter.

Goods marked thus (#) are not carried in stock and can only be furnished by shipment direct from factory.

EXPANSIVE BITS



KEEN KUTTER—CROSS FEED TYPE

For Fast, Smooth, Easy Cutting

- Razor-keen head and cutters that bite deep into the wood and stay sharp longer. Bit forged from highest grade tool steel, strong and durable—specially oil-tempered to hold edges.

Head and Cutters Sharpened and Finished by Hand.

- Single thread on screw for quick, easy starting.
- Highly polished.

Complete with two cutters, heavy steel wire double end screwdriver and protective waterproof black leatherette case with glove fasteners. Pocket inside case for extra cutter and screwdriver.

Small size—With cutters Nos. TB KC1 and TB KC2. Cuts holes from $\frac{5}{8}$ -inch to $1\frac{1}{4}$ -inch in diameter. Length over all $7\frac{1}{2}$ inches.

TB KCS—Weight per dozen 5 lbs.....Each \$2.19

Large size—With cutters Nos. TB KC3 and TB KC4. Cuts holes from $\frac{7}{8}$ -inch to 3 inches in diameter Length over all 9 inches.

TB KCL—Weight per dozen 9 lbs.....Each \$2.49

One in a carton.

EXTRA CUTTERS

FOR KEEN KUTTER EXPANSIVE BITS

Nos.	Each	For Nos.	Cuts Holes Diameter, Inches
TB KC1	\$0.35	TB KCS	$\frac{5}{8}$ to $1\frac{1}{8}$
TB KC2	.40	TB KCS	$1\frac{1}{8}$ to $1\frac{3}{4}$
TB KC3	.55	TB KCL	$\frac{7}{8}$ to $1\frac{3}{4}$
TB KC4	.65	TB KCL	$1\frac{3}{4}$ to 3
TB KC5	.95	TB KCL	3 to 4
TB KS1	.35	TB KSS	$\frac{5}{8}$ to $1\frac{1}{8}$
TB KS2	.40	TB KSS	$1\frac{1}{8}$ to $1\frac{3}{4}$
TB KS3	.55	TB KSL	$\frac{7}{8}$ to $1\frac{3}{4}$
TB KS4	.65	TB KSL	$1\frac{3}{4}$ to 3
TB KS5	.95	TB KSL	3 to 4

One-half dozen in a carton.
Weight per dozen $\frac{1}{2}$ lb.



SIMMONS LEADER

Good Quality at a Low Price

- Fits regular bit braces. Screw secures cutter in position at any size you want. Open throat affords free clearance of chips.
- Forged steel, nicely polished. Single thread on screw. Complete with two cutters.

Small size—With cutters Nos. 1 and 2. Cuts holes from $\frac{1}{4}$ -inch to $1\frac{1}{2}$ inches in diameter. Length $7\frac{1}{2}$ inches.

TB SB2—Weight each $\frac{1}{4}$ lb.

Std. List, Each \$0.99 Each \$0.99

Large size—With cutters Nos. 3 and 4. Cuts holes from $\frac{3}{8}$ -inch to 3 inches in diameter. Length $9\frac{1}{2}$ inches.

TB SB1—Weight each $\frac{3}{4}$ lb.

Std. List, Each \$1.29 Each \$1.29

One in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

EXPANSIVE BITS



CLARK

A Good, Fast-Cutting Tool at a Low Price

Fine tool steel—strong and durable. Complete with sharp edged, fast-biting cutters.

Highly polished—smooth, easily cleaned finish. Single thread on screw.

Small size—Complete with cutters Nos. TB 1 and TB 2. Will cut holes from $\frac{1}{2}$ -inch to $1\frac{1}{2}$ -inch. Length over all $8\frac{1}{2}$ inches.

TB CS—Weight per dozen 3 lbs.....Each \$1.10

Large size—Complete with cutters Nos. TB 3 and TB 4. Will cut holes from $\frac{3}{8}$ -inch to 3 inches. Length over all 9 inches.

TB CL—Weight per dozen 9 lbs.....Each \$1.49

EXTRA CUTTERS

FOR CLARK'S EXPANSIVE BITS

Nos.	Each	For Bit Nos.	Cuts Holes Diameter, Inches
TB 1	\$0.25	TB CS	$\frac{1}{2}$ to $\frac{7}{8}$
TB 2	.30	TB CS	$\frac{7}{8}$ to $1\frac{1}{2}$
TB 3	.40	TB CL	$\frac{3}{8}$ to $1\frac{3}{4}$
TB 4	.50	TB CL	$1\frac{3}{4}$ to 3

One-half dozen in a carton.

Weight per dozen $\frac{1}{2}$ lb.



IRWINS'—CLARK PATTERN

A Practical, Low-Priced Tool

Good quality tool steel—hot forged, polished finish. Complete with two sharp, smooth working cutters. Single thread on screw.

Small size—will cut holes from $\frac{5}{8}$ -inch to $1\frac{1}{2}$ -inch.

TB 5E—Weight per dozen $4\frac{1}{2}$ lbs.....Each \$0.85

Large size—Will cut holes from $\frac{7}{8}$ -inch to 3 inches.

TB 6E—Weight per dozen $8\frac{1}{2}$ lbs.....Each \$0.98

One in a carton.

EXPANSIVE HOLLOW AUGERS

BONNEY'S PATTERN—

Without Auger Bits

Quick, Clean-Cutting Tool

- Adjustable depth gauge—adjustable blade—cuts from $\frac{3}{8}$ to 1 inch—any length up to $3\frac{1}{4}$ inches.

Length over all $6\frac{1}{4}$ inches.

Japanned cast-iron frame—cast-iron sizing plate. Tempered tool steel blade. Bit stock shank to fit brace.



TB 10—Weight per dozen 19 lbs.....Each \$1.95

One-sixth dozen in a carton.

COUNTERSINK BITS

KEEN KUTTER

DOUBLE LIP—FOR WOOD

- Drop forged from best tool steel, tempered and polished.



- Easily resharpened from inside with a file. Length over all 4½ inches.

Cuts Countersinks Up to 7/8 Inch Diameter

TB K125—Weight per dozen 1¼ lbs. Each \$0.40

One-half dozen in a carton.

ROSE HEAD—FOR METAL

- Forged from highest grade tool steel, oil tempered.



Natural finish bit, gunmetal finish shank—easily kept in good condition.

Diameter shank 5/16 inch, length over all 4½ inches.

Cuts Countersinks Up to ¾ Inch Diameter

TB K113—Weight per dozen 1½ lbs. Each \$0.45

ROSE HEAD—FOR WOOD OR METAL

High grade steel, correctly tempered and

sharpened. Polished bit and shank—natural finish square. Diameter shank 5/16 inch, length over all 3¾ inches—seven cutting edges.



Cuts Countersinks Up to 5/8 Inch Diameter

TB 10%—Weight per dozen 1½ lbs. Each \$0.10

SNAIL HEAD—FOR WOOD

Forged from good grade tool steel, hard tem-

pered. Polished bit and shank—natural finish square. Diameter shank ¼ inch, length over all 3¾ inches.



Cuts Countersinks Up to ½ Inch Diameter

TB 14—Weight per dozen 1 lb. Each \$0.15

One dozen in a carton

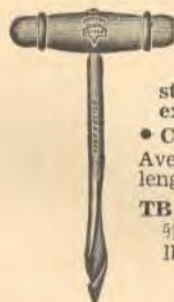
GIMLETS

KEEN KUTTER—Finest Quality

- Diamond shaped point.
 - Blade forged from highest grade tool steel, oil tempered and polished. Blade extends through handle and riveted at top.
 - Comfortable, polished rosewood handle.
- Average length handle 2¼ inches. Average length blade 3½ inches.

TB K300—Assorted sizes: 5/16, 1/4 and 3/8 inch. Weight per gross 8 lbs. Each \$0.15

One dozen in a carton.



- Sharp point—bores quickly.
- Forged steel blade, tempered and polished. Blade extends through handle and riveted at top.
- Cast-iron handle.

Average length handle about 2 inches. Average length blade about 3¼ inches.

TB 10—Assorted sizes: Nos. 1, 2 and 3. Weight per gross 8 lbs. Each \$0.10

One-half gross in a carton.



KEEN KUTTER GIMLET BITS

SINGLE CUT



• Forged from highest grade tool steel, oil tempered. Polished, straw color finish blade—easily cleaned. Natural finish square. Average length 5 inches.

Nos.	TB KG3	TB KG4	TB KG5	TB KG6	TB KG8
Inch	5/16	1/4	5/16	5/16	5/16
Each	\$0.15	.15	.15	.15	.15

TB KG48—One dozen assorted—from 5/16 to 5/8 inch. Weight per dozen 1 lb. Each \$0.15

One dozen in a carton.

SCREW DRIVER BITS

KEEN KUTTER

Extra Fine Quality

- Up-to-date, molybdenum alloy tool steel, specially tempered.
- Exceptionally tough—will not break off or flatten out at corners.
- Highly polished blade—red enameled square.



Assortment—One dozen bits: ¼ dozen 1¼-inch, ¼ dozen 1½-inch, ¼ dozen 1¾-inch, and ¼ dozen 2-inch.

TB KA1—Assortment includes an attractive walnut stained wood display stand 6½x2½x2¼ inches. Weight per assortment 1¼ lbs.

STRAIGHT SIZES

Nos.	Each	Width Blade, In.	Length, In.	Wt. Per Doz., Lbs.
TB KA1 ¼	\$0.20	¼	4¾	1¼
TB KA1 5/16	.20	5/16	4¾	1¾
TB KA1 3/8	.20	3/8	5¾	1½
TB KA1 ½	.20	½	6¼	2¼

One-half dozen in a carton.

SIMMONS LEADER

Good quality at a low price.



Forged steel, tempered—withstands hard usage. Polished blade and shank.

Nos.	Each	Size Bit, Inch	Length, Inches	Weight Per Carton (6), Lbs.	Std. List, Each
TB SB5	\$0.17	5/16	4 13/16	5/8	\$0.17
TB SB6	.19	3/8	5	¾	.19

Six in a carton.

KLICHER

Serviceable, Economical

- Forged from tool steel tempered—sturdy and long lasting.



- Polished blade and shank. Natural finish square. Width blade 5/16 inch, length about 4½ inches.

TB 2K—Weight per dozen 1 lb. Each \$0.15

One dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER BIT BRACES

FOR SMOOTH, EASY OPERATION

Outstanding Reasons Why KEEN KUTTER Bit Braces
Save You Time, Trouble and Money.

Smooth, easy-turning ball-bearing heads that give you a firm, comfortable grip. High-grade heavy steel bow—is strong and rigid—will not bend under great pressure. Easy working chucks hold bits steady and true for accurate cutting.



BOX RATCHET

- Ball - bearing chuck with universal jaws—holds ordinary size taper shank bits and medium size drills.

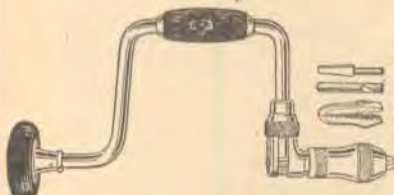
- Metal clad ball-bearing head. Head and handle of tropical hardwood.

- Full nickel-plated, with chuck and quill beak finished.

Sweep 10 inches, $\frac{1}{2}$ inch shank, length over all 14 inches.

TB K710—Weight per dozen 39 lbs. Each \$4.25

One-sixth dozen in a carton.



OPEN RATCHET

- Jaw - retaining chuck with 2-inch malleable iron spring alligator jaws—cyanide hardened. Will hold ordinary size

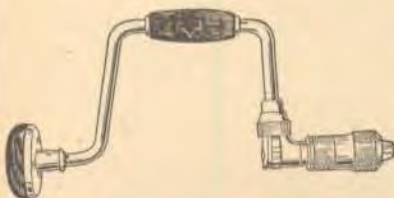
taper shank bits and medium size drills.

- Ball-bearing head. Glossy black finish hardwood head and handle.

- Full nickel-plated finish.

Nos.	Each	Sweep, Inches	Diam. Shank, Inch	Length Over All, Inches	Wt. Per Doz., Lbs.
TB K510	\$3.25	10	$\frac{7}{16}$	13 $\frac{1}{2}$	33
TB K512	3.59	12	$\frac{1}{2}$	14 $\frac{3}{4}$	35

One-half dozen in a carton.



OPEN RATCHET

- Large jaw - retaining chuck with 2-inch hardened spring alligator jaws—holds ordinary size taper shank bits and medium size drills.

- Metal clad ball-bearing head. Head and handle of selected hardwood—walnut finish.

- Polished, full nickel-plated and buffed.

Nos.	Each	Sweep, Inches	Diam. Shank, Inch	Length Over All, Inches	Wt. Per Doz., Lbs.
TB K408	\$2.10	8	$\frac{3}{8}$	13 $\frac{3}{4}$	32
TB K410	2.19	10	$\frac{3}{8}$	13 $\frac{3}{4}$	33

One-sixth dozen in a carton.

KEEN KUTTER CORNER BRACES



Nickel-plated Bevel Gear Corner Plain Bearing

- Highest grade bent steel shank. Attractive nickel-plated finish—resists rust.

- Concealed, wrought steel, beveled anti-friction gears—compact and sturdy.

- Steel chuck and forged case-hardened universal jaws—hold bits firm.

- Select cocobolo head and handle. Head mounted on nickel-plated steel cap for added strength.

Sweep 10 inches, diameter of shank $\frac{1}{8}$ inch, width 11 $\frac{1}{2}$ inches, length over all 18 $\frac{3}{4}$ inches.

TB K500—Weight per dozen 52 lbs. Each \$9.45

One-sixth dozen in a cardboard box.

EXTRA JAWS FOR BIT BRACES

Forged steel—case hardened for longer wear. Toothed jaws.

For KEEN KUTTER braces Nos. KB B10, KB B12 and KB B14.

TB K10—Separate jaws.....Per Pair \$0.75

For KEEN KUTTER braces Nos. K8, K10, K12 and K14.

TB KJ—With springsEach \$0.75

Weight per pair 1 $\frac{1}{2}$ ounces.

Forged steel—toothed jaws with spring, 2 $\frac{1}{4}$ inches long.

For KEEN KUTTER braces Nos. K16, K18, K110 also SIMMONS plain or ratchet braces.

TB S10—Weight per pair 1 $\frac{1}{2}$ ounces.....Per Pair \$0.75

Malleable iron—2 $\frac{1}{2}$ inches long. Toothed jaws joined by pin.

For SIMMONS sure grip braces.

TB SN—Weight per pair 1 $\frac{1}{2}$ ounces.....Per Pair \$0.35

Forged steel—2 $\frac{1}{2}$ inches long. Toothed jaws with spring.

For Samson ratchet braces Nos. 8010, 8012, 8014.

TB P—Weight per pair 2 ounces.....Per Pair \$0.65

Packing—bulk.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SIMMONS LEADER BIT BRACES

A GOOD QUALITY TOOL AT A LOW PRICE

- You can bore fast and accurately with these smooth-working durable tools. Jaws hold bit tight. Strong shanks.

BOX RATCHET

- Ball bearing knurled chuck with patent alligator pattern self-centering forged steel jaws, machined and hardened, will hold $\frac{1}{2}$ -inch round or $\frac{1}{8}$ -inch square shank bits.
- Full steel clad ball bearing head. Cocobolo head and handle.
- Nickel-plated finish. Diameter steel shank $\frac{1}{2}$ inch.



No.	Each	Total Sweep, Length, Inches	Wt. Per Carton (2), Inches	Std. List, Per Doz.
TB SA3	\$4.39	10 14 $\frac{1}{4}$	6 $\frac{1}{8}$	\$4.39

BOX RATCHET

- Extra heavy chuck, knurled with alligator pattern, self-centering forged steel jaws.
- Steel clad, ball bearing head. Cocobola head and handle.
- Highly nickel plated. Diameter steel shank $\frac{1}{2}$ inch.



Nos.	Each	Length Over Sweep, Inches	Wt. Per Carton (2), Lbs.	Std. List, Each
TB SA7	\$3.19	10 14	6 $\frac{1}{8}$	\$3.19
TB SA8	3.39	12 15	6 $\frac{1}{2}$	3.39

Two in a carton.

OPEN RATCHET

- Knurled chuck with alligator pattern self-centering forged steel jaws.
- Steel clad ball bearing head. Mahogany finish hardwood head and handle.
- Highly nickel plated. Diameter steel shank $\frac{7}{16}$ inch.

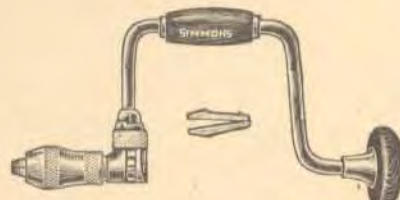


No.	Each	Length Over Sweep, Inches	Wt. Per Carton (2), Lbs.	Std. List, Each
TB SA6	\$1.99	10 14	5 $\frac{1}{2}$	\$1.99

Two in a carton.

OPEN RATCHET

- Knurled chuck with alligator pattern self-centering jaws.
- Mahogany finish hardwood head and handle.
- Diameter steel shank $\frac{7}{16}$ inch.



No.	Each	Length Over Sweep, Inches	Wt. Per Carton (4), Lbs.	Std. List, Each
Pin type jaws. Regular head. Polished bright.				
TB SA1	\$0.99	10 13	9 $\frac{1}{2}$	\$0.99
Four in a carton.				
Spring type jaws. Screw fastened head. Nickel plated and buffed.				
TB SA5	1.39	10 13	4 $\frac{1}{2}$	1.39
Two in a carton.				

Heat Your Home With a SIMMONS Circulating Oil Heater—Clean, Easy to Tend, Economical to Operate.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

BREAST DRILLS

Comfortable—Sturdy—Serviceable

- Two speeds: For fast or slow work—through hard or soft wood.
- Comfortably shaped breast plates, adjustable to any position for easier work.
- Three jaw chucks—will take any round shank drills from 0 to ½-inch, inclusive.



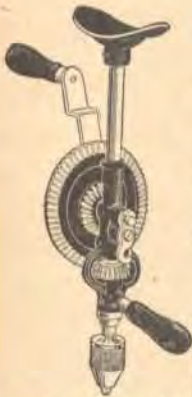
YANKEE

Reinforced Strength for Smooth, Easy Operation and Long Life

- Gear speed quickly and easily changed by small shifter on main frame.
- Smooth, accurate running gears—teeth evenly cut from solid steel.
- Breast plate adjustable to most comfortable position.
- Strong and durable heavy malleable iron frame. Turned and fitted steel spindle with adjustable ball bearings.

Smooth hardwood side and grip handles. All metal parts dead black finish, bright parts polished. Length over all 16½ inches.

TB 1455—Weight each
5½ lbs. Each \$8.45



STANLEY

Finely Constructed—Operates Smoothly and Easily

- Variable length handle arm—can be set for any sweep from 8 to 12 inches—gives greater freedom of movement where needed—less tiring.
- Chuck has hardened steel jaws—holds bits firmly.
- Comfortable, adjustable breast plate.
- Sturdily built: malleable iron frame—steel shank—gray iron gear and steel pinions, with machine-cut teeth. Ball thrust bearings.

Smooth, black hardwood handles. Frame and breast plate japanned, gears lacquered green, bright steel parts. Length over all 16 inches.

TB 742—Weight per dozen 69 lbs. Each \$3.89



DEFIANCE

Practical and Economical

- Sturdy construction — all-steel frame, steel shank, machine-cut gear and pinion. Adjustable breast plate.

Smooth, black enameled wood handles.

Japanned breast plate, orange gear, bright steel parts. Length over all 16 inches.

TB 1247½—Weight per dozen
78 lbs. Each \$2.49

One in a carton.

CHAIN DRILLING ATTACHMENTS



Extra Power for Work With a Breast Drill or Bit Brace

Excellent for use wherever extra power is needed or where pressure cannot be easily applied.

Drill is automatically fed into the work by an adjustable friction feed—automatically regulated by the resistance that drill encounters.

Black japanned cast yoke. Special 48-inch strong steel chain. Steel spindle and feed screw. Master chuck 2½ inches long and 1½ inches in diameter, has two hardened steel jaws that will hold bit shank drills from ¼-inch to ½-inch and No. 1 Morse taper shanks.

Length over all 11½ inches.

TB 718—Weight per dozen 56 lbs. Each \$4.75

One in a carton.

HAND DRILLS

SIMMONS

Speedy—Durable Serviceable



Single speed. Dual pinions, bright finished and machine-cut for smooth operation. Machine-cut black enameled gears. Rust-resisting, nickel-plated, strong steel frame and chuck. Three hardened jaws for round shank drills 0 to ¼-inch. Varnished hollow hardwood handle, holds drill points—varnished hardwood side and crank handles. Length 12½ inches.

Complete with 8 blued steel drill points ⅛-inch to ¼-inch. Gear ratio 3½ to 1.

TB S198—Weight per dozen 22 lbs. Each \$1.98



SIMMONS LEADER

Smooth-Working, Withstands Hard Usage

Single speed. Steel frame. Cast gray iron gear, machine cut. Strong steel pinions. Knurled steel chuck with three hardened tool steel jaws for round shank drills 0 to ¼-inch. Hollow hardwood handle for holding drills.

Polished frame. Hardwood side and crank handles. Length 12 inches.

TB SX2—Weight each 1¼ lbs.

Std. List, Each \$1.29 Each \$1.29



DEFIANCE

Light in Weight But Sturdy

Single speed.

Sturdy all-steel frame. Gray iron gear and single steel pinion with machine-cut teeth—runs smoothly. Three-jaw steel chuck for round shank drills 0 to ¼-inch. Solid hardwood top and crank handles.

Gear and handles red enameled—bright steel parts. Length over all 11½ inches.

TB 1218—Weight per dozen 15 lbs. Each \$0.98

One in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

AUTOMATIC HAND DRILLS

For quick easy drilling of nail or screw holes. Can be used where gimlet, brace-awl or brace cannot be used. Suitable for hard or soft wood.

Drills quickly and easily. Drill point is revolved by downward push on handle. Spring forces handle up again, ready for next downward push. With upward movement of handle the drill point revolves backward to clear chips and prevent clogging.



YANKEE—Adjustable Tension Spring

Has spring with adjustable tension to regulate strength suitable for difference between hard and soft wood, or between large and small drill points. Cap on end of drill has screw by which spring is made weaker or stronger.

Complete with 8 drill points $\frac{1}{16}$ -inch to $\frac{1}{4}$ -inch. Length over all (with drill point) $11\frac{1}{4}$ inches.

TB 44—Weight per dozen $8\frac{1}{4}$ lbs. Each \$3.39



YANKEE—Non-Adjustable Tension Spring

Sturdy all metal construction. Full nickel-plated and polished. Has magazine in handle for drill points.

Complete with 8 drill points $\frac{1}{16}$ -inch to $\frac{1}{4}$ -inch. Length over all (with drill point) $11\frac{1}{4}$ inches.

TB 41—Weight per dozen 7 lbs. Each \$2.69

One in a carton.

EXTRA SPRINGS FOR AUTOMATIC HAND DRILL No. TB 41

TB 41S—Weight per dozen 2 ounces. Each \$1.29

Packing—bulk.



MR. PUNCH Strong, Serviceable Tool

Sturdy, smooth-acting mechanism for long, satisfactory service

All-metal construction. Hollow brass tubes and finely knurled (non-slip) handle. Chuck has two hardened steel jaws.

• Complete with 8 drill points ($\frac{1}{16}$ -inch to $\frac{1}{4}$ -inch)—fitted in magazine-type handle with revolving cap. Only one compartment opens at a time. Side of head indexed showing drill point sizes.

Finely polished, nickel-plated and highly buffed to resist rust. Length 10 inches.

TR 185—Weight per dozen 6 lbs. Each \$1.69



Practical—Economical

Nickel-plated brass cylinder and spiral shank—brass chuck with two steel, separate jaws. Black bakelite, fluted with two steel, separate jaws. Black bakelite, fluted hollow handle. Length over all $9\frac{1}{2}$ inches.

• Complete with 8 drill points ($\frac{1}{16}$ -inch to $\frac{1}{4}$ -inch)—fitted in magazine-type handle with revolving cap. Only one compartment opens at a time. Side of head indexed showing drill point sizes.

Nos. TB KP and TB KPS drill points will fit these drills.

TR 188—Weight per dozen 7 lbs. Each \$1.49

One in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

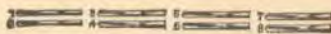
EXTRA DRILL POINTS

FOR HAND DRILLS

Fluted, straw color steel—2 inches long.

KEEN KUTTER

Suitable for automatic drills Nos. K8, SO3, 185 and 188.



In Sets of One Each as Below

TB KP—Weight per set 2 ounces. Per Set (8) \$0.75

One set in an envelope.

TB KPS—Straight Sizes

Diameter, In.	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{7}{64}$
Each	\$0.10	.10	.10	.10
Diameter, In.	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{11}{64}$
Each	\$0.10	.10	.10	.10

One dozen in an envelope. Weight per dozen 2 ounces.

For Automatic Drills: Miller's Falls No. 81 and Yankee Nos. 40, 41, 42, 43 and 44.

In Sets of One Each as Below

TY 4P—Weight per set 2 ounces. Per Set (8) \$0.69

One set in a round wood box.

TB 4SS—Straight Sizes

Diameter, In.	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{7}{64}$
Each	\$0.10	.10	.10	.10
Diameter, In.	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{11}{64}$
Each	\$0.10	.10	.10	.10

One dozen in a round wood box. Weight per dozen 2 ounces.



GENUINE YANKEE

For Yankee automatic hand drills Nos: 40, 41, 42, 43 and 44.

In Sets of One Each as Below

TB 4Y—Weight per set 2 ounces. Per set (8) \$0.75

One set in a round wood box.

HALF ACTUAL SIZE

TB 4YSS—Straight Sizes

Diameter, In.	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{7}{64}$
Each	\$0.10	.10	.10	.10
Diameter, In.	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{11}{64}$
Each	\$0.10	.10	.10	.10

One dozen in a round wood box. Weight per dozen 2 ounces.

For hand drills Nos. K 8, SP 3 and 185.

Good quality steel bits.

TB GP—Straight Sizes

Diameter, In.	$\frac{1}{16}$	$\frac{5}{64}$	$\frac{3}{32}$	$\frac{7}{64}$
Each	\$0.10	.10	.10	.10
Diameter, In.	$\frac{1}{8}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{11}{64}$
Each	\$0.10	.10	.10	.10

One dozen in an envelope. Weight per dozen 2 ounces.

Note: When ordering straight sizes—specify number and diameter.

SCREW DRIVERS

KEEN KUTTER—AMERICA'S FINEST

Blades that will always take a firm hold on the screw—hard, sharp, straight edged blades that will not wear round at corners nor flatten out on edges.

Handles that remain firm and solid—fixed onto blades for lifelong service—no twisting nor slipping.

LUG AND NOTCH CONSTRUCTION— STRONGEST KNOWN

- Special alloy steel blade, full tempered and polished.
- Comfortable, selected hardwood handle, mahogany finish. Strong steel bolster—brass ferrule.

REGULAR

Illustration shows permanent lug and notch construction.

Nos.	Each	Length Blade, Inches	Width Bit, Inch	Wt. Per Doz., Lbs.
TB K40/2½	\$0.37	2½	$\frac{3}{16}$	1½
TB K40/3	.39	3	$\frac{3}{16}$	1¾
TB K40/4	.47	4	$\frac{1}{4}$	3
TB K40/5	.50	5	$\frac{1}{8}$	3¾
TB K40/6	.55	6	$\frac{1}{8}$	4¼
TB K40/8	.69	8	$\frac{3}{8}$	6½
TB K40/10	.95	10	$\frac{1}{2}$	8

ELECTRICIANS' CABINET

Slender blade and fine point designed especially for cabinet makers' and electricians' use.

Nos.	Each	Length Blade, Inches	Width Bit, Inch	Wt. Per Doz., Lbs.
TB K80/2½	\$0.40	2½	$\frac{3}{16}$	1½
TB K80/3½	.45	3½	$\frac{3}{16}$	2¼
TB K80/4½	.47	4½	$\frac{1}{8}$	2½
TB K80/5½	.55	5½	$\frac{1}{8}$	2¾
TB K80/6½	.59	6½	$\frac{1}{8}$	3
TB K80/8½	.69	8½	$\frac{1}{8}$	4

FULL LENGTH BLADE CONSTRUCTION

REGULAR

Blade extends clear through handle—with large head at top and heavy rivet through ferrule.

Blade forged from highest grade tool steel, oil tempered—full polished for easier cleaning.

Comfortable, selected hardwood handle, rosewood finish—average length 3¼ inches. Heavy steel ferrule.

Nos.	Each	Length Blade, Inches	Width Bit, Inch	Wt. Per Doz., Lbs.
TB K50/2½	\$0.37	2½	$\frac{3}{16}$	1½
TB K50/3	.39	3	$\frac{3}{16}$	1¾
TB K50/4	.45	4	$\frac{1}{4}$	2½
TB K50/5	.50	5	$\frac{1}{8}$	4¼
TB K50/6	.55	6	$\frac{1}{8}$	5
TB K50/8	.69	8	$\frac{3}{8}$	7½

One-half dozen in a carton.

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SIMMONS

With Lifetime Amber Composition Handles

Their exceptional insulating qualities make these screw drivers unusually desirable for radio or other electrical work where high voltages are present.

Handles that are practically indestructible—may be hammered freely, will not chip nor crack. Firmly mounted on blades—will not twist loose.

Blades that will not twist nor bend even under hardest usage.

Lifetime amber composition handle. Special analysis tool steel blades, thoroughly tempered. Straight and sharp, edged for better work. Highly polished.

REGULAR

Nos.	Each	Length Blade, Inches	Width Bit, Inch	Wt. Per Doz., Lbs.
TB SA44	\$0.45	4	$\frac{7}{32}$	2½
TB SA55	.49	5	$\frac{9}{32}$	3½
TB SA65	.55	6	$\frac{9}{32}$	3¾

ELECTRICIANS' CABINET

Slender blade and fine point designed especially for cabinet makers' and electricians' use.

Nos.	Each	Length Blade, Inches	Width Bit, Inch	Wt. Per Doz., Lbs.
TB SAE43	\$0.40	4	$\frac{3}{16}$	1¼
TB SAE63	.47	6	$\frac{3}{16}$	1¾

SIMMONS

PRESSURE-GRIP MECHANIC'S

- A husky driver for tough work. Blade cannot twist or come out.



Blade forged from high quality steel, hardened the entire length, brightly polished and extends clear through handle to cap. Satin nickel finish patented ferrule. Lustrous cherry red handle deeply fluted.

Nos.	Each	Length Blade, Inches	Diam. Blade, Inch	Weight Per Doz., Lbs.
TB SMD4	\$0.23	4	$\frac{1}{4}$	3
TB SMD5	.25	5	$\frac{5}{16}$	4¼
TB SMD6	.29	6	$\frac{5}{16}$	4¾

One-half dozen in a carton.

KLICKER

Serviceable, at Low Cost



REGULAR

Forged steel blade—hardened and tempered points for long wear and good "grip" on screws. Bright finish.

Fluted, cherry stained hardwood handle—heavy steel ferrule. Average length of handle 4 inches.

Nos.	Each	Length Blade, Inches	Width Bit, Inch	Wt. Per Doz., Lbs.
TB 23/3K	\$0.10	3	$\frac{7}{32}$	1½
TB 23/4K	.10	4	$\frac{1}{4}$	2½
TB 23/5K	.10	5	$\frac{9}{32}$	3
TB 23/6K	.12	6	$\frac{9}{32}$	4

One dozen in a carton.

SCREW DRIVERS

SIMMONS LEADER

Good quality at a low price.



SOLID BAR

- Solid steel construction means long life. Fluted handle provides firm grip. Round natural finish wood handle secured to shank with two heavy flush rivets.

Nos.	Each	Lgth. Width		Lgth. Over All, In.	No. In a Ctn.	Weight Per Lbs.	Std. List, Each
		Blade, In.	Bit, In.				
TB SL1	\$0.33	4	1/4	8 3/4	6	2 3/8	\$0.33
TB SL2	.43	6	5/16	10 3/4	6	3 1/4	.43
TB SL3	.53	8	3/8	13 1/4	3	2 1/4	.53



HOUSEHOLD

- Useful around the home. Steel blade and ferrule brightly polished. Hardwood handle is heavily fluted and has black rubberoid finish that provides non-slip grip.

Nos.	Each	Length Width		Length Over All, In.	Wt. Per Lbs.	Std. List, Each
		Blade, In.	Bit, In.			
TB SL14	\$0.10	3	5/16	6 3/4	1	\$0.10
TB SL15	.15	4	3/8	9	1 1/4	.15
TB SL16	.20	6	5/8	11 1/2	2 1/8	.20

Six in a carton.

IRWIN

Competitively Priced—Popular—Good Quality Tools



One-Piece Steel Construction

Solidly made with blade and handle shank in one piece—tough molybdenum alloy steel, heat-treated for greater strength. Full polished. Natural finish hardwood grips riveted to handle shank.

Nos.	Each	Length Width		Length Over All, In.	Wt. Per Doz., Lbs.
		Blade, In.	Bit, In.		
TB SRP64	\$0.30	4	1/4	8 1/2	4
TB SRP66	.39	6	5/8	11 1/2	6 1/2
TB SRP68	.47	8	3/4	13 1/2	9
TB SRP610	.69	10	7/8	15 1/2	10 1/2

One-half dozen in a carton.



REGULAR PATTERN

Hard, drop-forged tool steel blade—natural forged finish, with polished flats. Natural finish hardwood handles—heavy steel ferrule.

Nos.	Each	Length Width		Length Over All, In.	Wt. Per Doz., Lbs.
		Blade, In.	Bit, In.		
TB SRF63	\$0.10	3	5/16	7 1/4	1 1/2
TB SRF64	.10	4	3/8	8 3/4	2 1/2
TB SRF66	.10	6	5/8	11 1/4	4

One dozen in a carton.

IRWIN

"Tested Performance"—Your Proof of Quality

Strong, straight edged screw drivers, "proof-tested" and rated by sizes for twisting and bending resistance. Rating of each shown on package—your guarantee of quality and service.

Each screw driver on an individual "sellopak" card which creates interest by its bright coloring and distinctive illustrations of the test performances by which screw driver has been rated.



THE BLACKWIN

High quality, special screw driver steel blade—hardened, tempered and polished to a high lustrous finish. Blade extends clear through handle and is capped with heavy round end plug. Special wing lock on blade prevents turning in handle.

Extremely popular shape handle—finished in a deep, rich black lacquer with gold name stamping. Heavy duty standard nickel ferrule.

Nos.	Each	Size Blade, Inches		Wt. Per Doz., Lbs.
FB H4	\$0.23	1/4	x4	3
FB H5	.26	5/16	x5	4 1/4
FB H6	.27	3/8	x6	5



THE JETWIN

High quality screw driver steel blades—hardened, tempered and highly polished. Special wing lock on blade prevents turning in handle.

Special shape popular grip handle, finished in a rich satiny black with gold name stamping. Standard steel ferrule.

Nos.	Each	Size Blade, Inches		Wt. Per Doz., Lbs.
FB J4	\$0.17	3/8	x4	2 1/4
FB J5	.20	5/16	x5	3 1/4
FB J6	.21	3/8	x6	3 1/2



THE TIPWIN

High quality, special screw driver steel blade—hardened, tempered and highly polished. Special wing lock on blade prevents turning in handle.

Extra large handle with deep flutes for a better grip—tinted with an unusual orange lacquer and topped in bright orange, with blue stripe and blue name stamping. Heavy standard type nickel ferrule.

Nos.	Each	Size Blade, Inches		Wt. Per Doz., Lbs.
FB G4	\$0.17	3/8	x4	2 1/4
FB G5	.20	5/16	x5	3 1/2
FB G6	.23	3/8	x6	4

One-half dozen in a handsome two-color folding display box.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SCREW DRIVERS

YANKEE

Strong—durable—well balanced. Points will not twist or break. Blades will not loosen—put in handles by special construction that keeps them solid. Handles will not easily split. Special driver steel blade, properly tempered and thoroughly tested.

Blade and ferrule finely polished. Comfortable close grained hardwood handle, evenly grooved and smoothly finished in dull dead black.



STANDARD STYLES

Nos.	Each	Length Blade, In.	Width Bit, In.	Length Over All, In.	Wt. Per Doz., Lbs.
TB 90/2	\$0.39	2	$\frac{1}{8}$	5 $\frac{1}{4}$	1 $\frac{3}{4}$
TB 90/3	.43	3	$\frac{3}{16}$	6 $\frac{3}{4}$	2 $\frac{1}{2}$
TB 90/4	.47	4	$\frac{1}{4}$	7 $\frac{3}{4}$	3 $\frac{3}{4}$
TB 90/5	.55	5	$\frac{5}{16}$	8 $\frac{3}{4}$	4
TB 90/6	.59	6	$\frac{3}{8}$	9 $\frac{3}{4}$	5 $\frac{1}{4}$



CABINET STYLES

Nos.	Each	Length Blade, In.	Width Bit, In.	Length Over All, In.	Wt. Per Doz., Lbs.
TB 95/2 $\frac{1}{2}$	\$0.37	2 $\frac{1}{2}$	$\frac{3}{8}$	6	1 $\frac{3}{4}$
TB 95/3 $\frac{1}{2}$	.43	3 $\frac{1}{2}$	$\frac{3}{8}$	7	2
TB 95/4 $\frac{1}{2}$	.45	4 $\frac{1}{2}$	$\frac{3}{8}$	8	2
TB 95/5 $\frac{1}{2}$	.47	5 $\frac{1}{2}$	$\frac{3}{8}$	9	2 $\frac{1}{4}$
TB 95/6 $\frac{1}{2}$	.49	6 $\frac{1}{2}$	$\frac{3}{8}$	10	2 $\frac{1}{2}$

One-third dozen of a size in an attractive Merchandiser Display.

YANKEE—PHILLIPS

Especially designed for driving

the Phillips recessed-head screws which are now being used extensively by industrials everywhere. Will not slip, or mar finishes.

Polished alloy steel blade, tempered to correct degree for long life and satisfactory service. Highly polished steel ferrule with knurled edge. Hardwood handle with black satin finish.

Heavy Duty

Nos.	Each	For Screws	Length Blade, Ins.	Size Point	Wt. Per Doz., Lbs.
TB 902	\$0.49	5 to 9	4	2	3
TB 903	.69	10 to 16	6	3	4 $\frac{1}{2}$

One-half dozen in a carton.

POCKET PATTERN THE DWARF

The midget screw driver for over a thousand uses.

Ideal for use on toasters, electric irons, sewing machines, radios, etc.

Polished steel blades, 2 $\frac{1}{4}$ inches long. Colored catalin shock-proof fluted handle with metal pocket clip.

Length over all 4 $\frac{7}{8}$ inches.



TB 701—Weight per gross 7 lbs. Each \$0.05

One-quarter gross in a display box.
SOLD ONLY IN FULL CARTONS.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

STANLEY "HURWOOD"



No. TB 51



No. TB 53

MACHINIST'S—Extra Heavy—Extra Strong—One-Piece Blade and Shank

Square heavy blade, attractively polished—exceptionally well adapted for heavy work where long screw driver cannot be used conveniently. Blade, shank and head hot-forged in one piece from good quality steel. Shank passes clear through handle and is locked in place by two projecting wings on head and by rivet through ferrule, handle and blade. Tip carefully formed, hardened, toughened and machine cross-ground to size.

Comfortable, fluted hardwood handle, black lacquered. Heavy steel ferrule.

Nos.	Each	Length Blade, In.	Width Bit, In.	Length Over All, In.	Wt. Per Doz., Lbs.
TB 51	\$0.67	1 $\frac{3}{4}$	$\frac{1}{8}$	5 $\frac{1}{2}$	4
TB 53	.89	4 $\frac{1}{2}$	$\frac{7}{8}$	9 $\frac{3}{4}$	10 $\frac{1}{2}$

One-half dozen in a carton.



HOUSEHOLD Shock-proof

Tempered steel blade, 5 inches long, nicely polished. Tough composition transparent amber shock-proof handle, deeply fluted. Blade will not loosen in handle. Length over all 8 inches.

TB 205/10—Weight per dozen 3 $\frac{1}{2}$ lbs. Each \$0.10

One-quarter gross in a carton.

SOLD ONLY IN FULL CARTONS.



A small assortment of well made, practical and serviceable clear amber shock-proof handle screw drivers in a handsome display box. Tool steel blades, hardened and tempered. Rust-resisting nickel-plated finish. Unbreakable amber composition fluted handles.

Assortment Consists of:

Six 4-inch screw drivers Each \$0.25

Six 5-inch screw drivers Each \$0.29

TB 802—Weight per assortment 3 $\frac{1}{2}$ lbs.

One assortment in a carton.

A New
Keen Kooker Cast Iron Range
Will Give You
BETTER, FASTER COOKING

SCREW DRIVER ASSORTMENTS

STANLEY



Exceptional Value—Attractive Screw Drivers

Good steel blades, correctly hardened and tempered for satisfactory service. Large ears in shanks prevent blades from turning in handles. Long, heavy steel ferrules.

Fluted hardwood handles, maple finish, varnished, shaped to fit the hand.

Assortment Consists of Four Each:

Length Blade, Ins.	Width, Ins.	Length Over All, Ins.
4	$\frac{1}{4}$	9
5	$\frac{1}{2}$	$10\frac{1}{2}$
6	$\frac{3}{4}$	$11\frac{1}{4}$

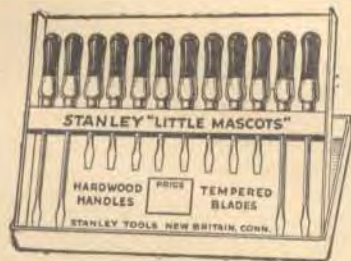
A total of one dozen screw drivers with free stand.

TB 270A—Weight per assortment $3\frac{1}{4}$ lbs.....Each \$0.25

Free Colorful Display Stand

Increases sales—and profits. Holds screw drivers up-right on counter or in window—shows them to every customer and to best advantage. All steel stand is red enameled with harmonizing label.

STANLEY "LITTLE MASCOTS"



Handy Sized Household Screw Drivers

Excellent for use on sewing machines, typewriters, clocks, radios, locks, fishing reels — many other uses.

Tempered steel blade — securely locked into handle by two ears swedged on the shank.

Tip machine cross-ground to size—hold firmly in screw slots. Attractive hardwood handle, 2 inches long—enameled black and orange. Brass ferrules.

Assortment consists of one dozen popular size screw drivers (with free display easel)—four with 3-inch blades and eight with $1\frac{1}{2}$ -inch blades.

TB 121A—Weight per assortment 1 lb.....Each \$0.10

One assortment in a carton, with attractive cardboard easel display card.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

POPULAR PRICED ASSORTMENT



Full size — Competitively Priced Screw Drivers—

Good quality tools. Polished tool steel blades—hardened and tempered the entire length for added strength—cross-ground on the edges for a better "grip" in screw slots. Blades held rigidly in handles by two long wings forged on shanks.

Deep fluted hardwood handles, clear lacquer finished. Nickel-plated ferrules.

Assortment consists of two dozen screw drivers—eight each: with 4-inch, 5-inch and 6-inch blades.

TB C324—Weight per assortment $4\frac{1}{4}$ lbs.....Each \$0.10



BABY NON-SKID

Popularly priced.

Practical—useful screw drivers.

Blades of high-grade forged steel—securely embedded in attractively red mottled black composition rubber handles.

The ribbed blade of these screw drivers will not slip out of the screw slot, making it easier, quicker and safer to

drive screws; also prevents gouging and marring of fine finishes and fragile parts.

Assortment consists of one dozen screw drivers—four each: with $1\frac{1}{2}$ -inch, 2-inch and 3-inch blades.

TB 49—Weight per assortment 2 lbs.....Each \$0.15

Screw drivers mounted on attractive display card with two test screws in base—help customer to sell himself by proving grip of tool in screw slot.

One assortment in a carton.



BABY SHOCKLESS

Shock-proof moulded Bakelite handles fitted with nickel-plated pocket clips.

Fine quality, forged and tempered steel blades, $\frac{1}{8}$ inch in diameter.

Bright nickel-plated finish—for resistance to rust.

Blades moulded in handles—can't loosen.

Assortment consists of one dozen screw drivers—four each: with $1\frac{1}{2}$ -inch, 2-inch and 3-inch blades.

TB 48—Weight per assortment $1\frac{1}{2}$ lbs.....Each \$0.10

One assortment firmly attached to an attractive sales-stimulating display card.

SPIRAL RATCHET SCREW DRIVERS

YANKEE

Adjustable for Right Hand, Left Hand and Rigid

Fast working — balanced — convenient to use — sturdily built.

Adjustable for driving or loosening of screws—or for use without ratchet as an ordinary screw driver. Chromium-plated brass ratchet case and sleeve—nickel-plated steel spiral rod—chromium-plated and knurled steel chuck—steel reversing pawls—brass ratchet nuts.

Comfortable polished rosewood finish hardwood handle.

Complete with three hard tempered and polished tool steel blades 3 1/16 inches long—bits 3/16, 4/16 and 5/16-inch wide, respectively.



Quick Return Ratchet

- Special spring in handle—causes handle to come back for the next push like an automatic or push drill—saves time.
- Especially well adapted for close work when left hand cannot conveniently hold chuck. Spring holds bit in position as it pushes back handle.

Nos.	Each	Pattern	Length Bit, In.		Wt. per Dozen,
			Extended	Closed	Lbs.
TB 130A	\$4.45	Standard	20	13	14 1/2
TB 131A	4.95	Heavy	27 5/8	19 3/8	20
TB 135	2.85	Light	13 1/4	10	7 1/2



Regular Spiral Ratchet

Nos.	Each	Pattern	Length Bit, In.		Wt. per Dozen,
			Extended	Closed	Lbs.
TY 30A	\$3.00	Standard	18 1/4	13	12
TB 31A	4.45	Heavy	25	16 3/4	18 3/4
TB 35	2.39	Light	12 3/8	9 1/8	7 1/2

One in a carton.

YANKEE HANDYMAN

Popular priced—excellent quality tool—especially developed to meet demand for a lower-priced spiral screw driver of Yankee standard quality.

Same smooth-working, time-saving ratchet as larger Yankee models. Sturdy blade—comfortable round, black finished handle. Bright finished metal parts.



TB 33H—Six screw drivers put up in free merchandising package. Weight per package 3 1/4 lbs. **Each \$1.00**

Free Merchandising Display

Displays six screw drivers—to best advantage. Promotes sales by attractively showing merchandise on your counter or in your store window.

Six in a package.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SPIRAL SCREW DRIVERS



"YANKEE" HANDYMAN

Right and left hand, and rigid. Quick-return spring in the handle makes it return automatically for next stroke. Saves time and labor. Mechanism works smoothly and noiselessly.

Ratchet and pawls sturdily constructed—will not bend, break, wear nor get out of order.

Bits are forged from best cast steel properly tempered ground and polished. Every bit is thoroughly tested before leaving factory. Other metal parts are nickel-plated and buffed. Handles are of hardwood, smoothly polished.

Screw driver with one bit 1/4-inch wide. Length with bit, extended 9 inches, closed 7 inches.

TB 133H—Weight per dozen 7 1/2 lbs. **Each \$1.25**

Four in a display carton.

EXTRA COUNTERSINK BITS

For reaming out wood for head of screw.

TB 133HC—Weight per dozen 1 lb. **Each \$0.25**

EXTRA SCREW DRIVER BITS

With tip 3/8 inch wide. For smaller screws.

TY 133HB—Weight per dozen 1 lb. **Each \$0.12**

One-half dozen in carton.

RATCHET SCREW DRIVERS

YANKEE

Adjustable for Right Hand, Left Hand and Rigid

Light weight but sturdily constructed—as solid as an ordinary screw driver.

Has ratchet arrangement that is practically frictionless. Friction in ratchet mechanism is noiseless and hardly felt on backward movement.

Bits forged from best quality cast steel—properly tempered, ground and polished—thoroughly tested. Other metal parts nickel plated and buffed.

Ratchet and pawls so well constructed that neither can bend, break, wear nor get out of order. Comfortable handles of hardwood—handsomely polished.



Standard Pattern

Blade 4 inches long—length over all 8 5/8 inches.

TY 10/4—Weight per dozen 3 1/4 lbs. **Each \$0.85**



Electrician's Pattern

Fine blade, 3 inches. Length over all 5 3/4 inches. Knurled washer permits turning blade with finger and thumb while hand presses on handle to hold screw in place.

TY 15/3—Weight per dozen 1 1/2 lbs. **Each \$0.75**

One in a carton.

DISPLAY ASSORTMENT OF YANKEE TOOLS

Here is a colorful, attractive display (only 9½x12 inches table space) designed especially to help your sales.

Display offers excellent quality merchandise backed by Yankee prestige and national advertising.

It invitingly displays popular items for everyday use: Four different tools; four different prices. Designed to meet every customer's needs.



Contains 6 handsomely finished screw drivers and 2 push drills, each brightly chromium plated with highly polished wooden handles.

Assortment consists of:

- 2 No. 30A spiral driver standard size.....Each \$3.00
- 2 No. 41 automatic push drill.....Each 2.60
- 2 No. 10 ratchet driver, 4-inch blade.....Each .85
- 2 No. 15 ratchet driver, 3-inch blade, with thumb turn.....Each .75

TB 1—Weight per box 5 lbs., 9 ozs.

Packed in attractively colored display box.
One box in a carton.

DRILL CHUCKS



For Yankee Spiral Screw Drivers

Solidly built, firm gripping chuck that adapts Yankee Spiral

Screw Drivers for use with straight shank drills. Steel body—polished and nickel plated. Hardened—tight locking steel jaws. Straight steel shank ½ inch in diameter—accurately turned and trued. Length 5½ inches—diameter 1½ inches.

TB 1595—Will hold straight shank drills 0 to ½ inch. Weight each ¾ lbs.....Each \$2.65

One in a carton.

CHUCK AND DRILL SETS

For Yankee Spiral Screw Drivers

Chuck and bits that convert your Yankee spiral ratchet screw driver into a handy drill for many useful purposes.

Sturdy chuck—holds bits firmly for easy, accurate work.

Sharp edged—toughened bits—cut quickly and smoothly.

Each set consists of one chuck and eight drill points ⅛ to ¼ inch, inclusive.

Nos.	Each	Nos.	Chuck Diam., In.	Wt. per Doz. Sets, Lbs.
TB 30	\$0.85	30A	⅜	2¼
TB 31	.85	31	⅝	2¼

One set in a round wood box.

One dozen sets in a carton.

CHUCK AND DRILL SET

For Yankee Handyman Spiral Screw Drivers

Sturdy—firm holding chuck—converts your Yankee Handyman into a convenient drill for use around the home, office or in the work shop.

Three sharp edged—handy sized bits—⅜, ⅝ and ⅞ inch. Cut fast and smoothly.

Each set contains chuck and 3 drills in a container.

TB 33HCD—Weight per card ¼ lb.....Per Set \$0.39

Three complete sets on attractive card.



SCREW HOLDER BITS



For Yankee Spiral Screw Drivers
No. 30A

Makes it possible to reach difficult places—easily, with only one hand. Holds screw securely without interfering with operation of screw driver.

Consists of a screw driver bit, 2 steel jaws fastened at one end, a ring at the other to limit spread of jaws and a spring to operate jaws. Length bit 5 inches—diameter shank ½ inch.

TB 202—Weight per dozen 1¾ lbs.....Each \$0.65

One-half dozen in a carton.

SCREW DRIVER BITS



YANKEE—PHILLIPS

For Yankee spiral screw drivers.

Especially designed for driving the Phillips recessed head screws now being used extensively by industrial plants everywhere.

High-grade steel, tempered and polished for long, satisfactory service. All sizes 3¼ inches long.

For No. TY 30A Screw Drivers

Nos.	TB 1/30A	TB 2/30A	TB 3/30A
Point Nos.	1	2	3
Each	\$0.65	.65	.65

For No. TB 31A Screw Drivers

Nos.	TB 1/31A	TB 2/31A	TB 3/31A
Point Nos.	1	2	3
Each	\$0.65	.65	.65

One dozen in an envelope; weight per dozen ¾ lb.



YANKEE

In Sets of 3—for Yankee spiral screw drivers.

High grade steel, tempered and polished for long, satisfactory service. All are 3¾ inches long.

For No. TY 30A Screw Drivers

Bits ⅜, ⅝ and ⅞ inch wide, respectively.

TB 30B—Weight per set 3 ozs.....Per Set \$0.65

For No. TB 31A Screw Drivers

Bits ¼, ⅝ and ⅞ inch wide, respectively.

TB 31B—Weight per set 3 ozs.....Per Set \$0.65

One set in an envelope.

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KEEN KUTTER Chisels and Gouges

The best made—faster, smoother cutting tools that will make your work easier. Perfectly balanced—easy to handle.

- Super-sharp blades stay sharp longer and hold cutting edge.
- Comfortable handles specially designed to give you a firm, easy grip and absorb shock of hammer blows. Will not split or chip.

Blade forged from highest grade tool steel, specially tempered. Correctly beveled. Specially edged and whetted on an oil stone by hand. Reinforced solid socket. Full polished. Handle turned from selected hardwood. Leather capped.

FIRMER CHISELS



SOCKET FIRMER—BEVELED EDGE

Length of blade from shoulder to cutting edge $4\frac{1}{2}$ inches. Average length over all $11\frac{1}{2}$ inches. Natural finish varnished handle.

Nos.	Each	Size, In.	Weight Per Doz., Lbs.
TB KSB $\frac{1}{8}$	\$0.98	$\frac{1}{8}$	3 $\frac{3}{8}$
TB KSB $\frac{1}{4}$	.98	$\frac{1}{4}$	3 $\frac{5}{8}$
TB KSB $\frac{3}{8}$	.98	$\frac{3}{8}$	4
TB KSB $\frac{1}{2}$	.98	$\frac{1}{2}$	4 $\frac{1}{2}$
TB KSB $\frac{5}{8}$	1.10	$\frac{5}{8}$	5
TB KSB $\frac{3}{4}$	1.10	$\frac{3}{4}$	5 $\frac{1}{8}$
TB KSB $\frac{7}{8}$	1.17	$\frac{7}{8}$	5 $\frac{3}{4}$
TB KSB1	1.19	1	6 $\frac{1}{4}$
TB KSB1 $\frac{1}{4}$	1.35	1 $\frac{1}{4}$	7
TB KSB1 $\frac{1}{2}$	1.45	1 $\frac{1}{2}$	8 $\frac{1}{2}$
TB KSB1 $\frac{3}{4}$	1.55	1 $\frac{3}{4}$	9 $\frac{3}{4}$
TB KSB2	1.65	2	9 $\frac{7}{8}$

One-half dozen in a carton.

BUTT CHISELS



SOCKET BUTT—FULL BEVELED EDGE

Especially adapted for fitting butts to doors. Length of blade from shoulder to cutting edge 3 inches. Average length over all $9\frac{1}{2}$ inches. Natural finish varnished handle.

Nos.	Each	Size, In.	Weight Per Doz., Lbs.
TB K $\frac{1}{4}$	\$0.98	$\frac{1}{4}$	2
TB K $\frac{3}{8}$	.98	$\frac{3}{8}$	2 $\frac{1}{2}$
TB K $\frac{1}{2}$	.98	$\frac{1}{2}$	3
TB K $\frac{5}{8}$	1.10	$\frac{5}{8}$	3 $\frac{1}{4}$
TB K $\frac{3}{4}$	1.10	$\frac{3}{4}$	3 $\frac{1}{2}$
TB K1	1.19	1	4
TB K1 $\frac{1}{4}$	1.35	1 $\frac{1}{4}$	5
TB K1 $\frac{1}{2}$	1.45	1 $\frac{1}{2}$	6
TB K1 $\frac{3}{4}$	1.55	1 $\frac{3}{4}$	6 $\frac{1}{2}$
TB K2	1.65	2	7

One-third dozen in a carton.

GOUGES



SOCKET FIRMER—OUTSIDE BEVEL

Length of blade from shoulder to cutting edge $6\frac{1}{2}$ inches. Average length over all $13\frac{1}{4}$ inches. Polished ash handle.

Nos.	Each	Size, In.	Weight Per Doz., Lbs.
TB KOB $\frac{1}{2}$	\$1.39	$\frac{1}{2}$	4 $\frac{1}{2}$
TB KOB $\frac{3}{8}$	1.75	$\frac{3}{8}$	6
TB KOB $\frac{3}{4}$	1.85	$\frac{3}{4}$	7
TB KOB1	2.15	1	8 $\frac{1}{2}$
TB KOB1 $\frac{1}{2}$	2.59	1 $\frac{1}{2}$	12

One-half dozen in a carton.

SIMMONS LEADER CHISELS

Good Quality at a Low Price.

Forged steel beveled blade hardened and tempered, ground to thin, sharp edge; polished finish. Leather capped hardwood handle.

SOCKET FIRMER



SOCKET FIRMER—BEVELED EDGE

Average length of blade $4\frac{1}{2}$ inches.

Nos.	Each	Size, Inch	Weight Per Carton (6), Lbs.	Std. List Each
TB SH1	\$0.75	$\frac{1}{2}$	1 $\frac{1}{4}$	\$0.75
TB SH2	.85	$\frac{3}{4}$	2 $\frac{1}{2}$	.85
TB SH3	.95	1	2 $\frac{3}{4}$	.95

SOCKET BUTT



SOCKET BUTT—FULL BEVELED EDGE

Average length of blade $3\frac{1}{2}$ inches.

Nos.	Each	Size, Inch	Weight Per Carton (6), Lbs.	Std. List Each
TB SH44	\$0.55	$\frac{1}{4}$	1 $\frac{1}{4}$	\$0.55
TB SH45	.59	$\frac{3}{8}$	1 $\frac{3}{8}$	.59
TB SH4	.69	$\frac{1}{2}$	1 $\frac{1}{2}$	.69
TB SH5	.79	$\frac{3}{4}$	1 $\frac{3}{4}$	.79
TB SH6	.89	1	2	.89
TB SH7	.99	1 $\frac{1}{4}$	2 $\frac{1}{2}$	.99

Six in a carton.

FIRMER CHISELS



SHARK BRAND
Imported Swedish

Finest quality Swedish charcoal steel, scientifically tempered, sharpened and neatly polished. Solid socket. Fine quality varnished wood handle with metal top ring to prevent splitting. Average length over all $10\frac{1}{4}$ inches.

SOCKET FIRMER—BEVELED EDGE

Length blade from shoulder to cutting edge $4\frac{1}{2}$ inches.

Nos.	Each	Size, Inch	Weight Per Dozen, Lbs.
TB 1026 $\frac{1}{4}$	\$0.95	$\frac{1}{4}$	3 $\frac{1}{2}$
TB 1026 $\frac{1}{2}$	1.10	$\frac{1}{2}$	4 $\frac{1}{2}$
TB 1026 $\frac{3}{4}$	1.19	$\frac{3}{4}$	5
TB 10261	1.25	1	6

One-half dozen in a carton.

STANLEY BUTT CHISELS



Strong, durable and perfectly balanced. Sharp, tough, thin blade. Extremely durable and distinctive

handle. Blade forged in one piece, with tang, from finest chisel steel. Carefully heat treated machine cross-ground and highly polished. Two long forged ears prevent blade from turning in handle.

Special Stanloid handle—the toughest substance known. Transparent amber at top, opaque black at bottom. Crown shaped steel cap to center hammer blows and distribute force evenly to cutting edge.

SOCKET BUTT—FULL BEVELED EDGE

Length blade 3 inches, average over-all length $7\frac{7}{8}$ to 9 inches.

Nos.	Each	Size, In.	Weight Per Doz., Lbs.
TR 60 $\frac{1}{4}$	\$1.25	$\frac{1}{4}$	2 $\frac{3}{4}$
TR 60 $\frac{3}{8}$	1.25	$\frac{3}{8}$	3
TY 60 $\frac{1}{2}$	1.35	$\frac{1}{2}$	3 $\frac{1}{2}$
TY 60 $\frac{5}{8}$	1.45	$\frac{5}{8}$	3 $\frac{3}{4}$
TY 60 $\frac{3}{4}$	1.45	$\frac{3}{4}$	4
TY 601	1.50	1	4 $\frac{1}{2}$
TY 601 $\frac{1}{4}$	1.69	1 $\frac{1}{4}$	6
TY 601 $\frac{1}{2}$	1.85	1 $\frac{1}{2}$	7 $\frac{1}{4}$

One in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

WOOD CHISELS



EVERSHARP—Practical, Economical

Special Display Assortment Includes free—unique counter salesman—a cardboard tower, 17¼ inches high. Attracts customers' attention. Effectively helps you sell more chisels. Holds entire assortment of popular sizes.

Tower is dark green with black and silver embossed label—novel design.

Assortment consists of: One dozen chisels—four each ½, ¾ and 1-inch sizes.

TB 310—Weight per assortment 3¼ lbs.

Per Assortment

One assortment in a carton.

High grade carbon tool-steel blades—hardened and tempered, all surfaces ground and highly polished. Cutting edges correctly sharpened for fast, easy work. Leather capped, selected hardwood handles, natural finish. Steel ferrule—securely fitted.

Blades 4½ inches long. Length over all 9¼ inches.

Individual Sizes

Nos.	Each	Size, In.	Weight Per Doz., Lbs.
TB 3276	\$0.25	½	3
TB 3476	.25	¾	3½
TB 3676	.25	1	4½

ALL-STEEL WOOD CHISELS



MAYHEW—UNBREAKABLE

Can be used with any type of hammer—one-piece all-steel construction makes tool practically indestructible. Hammer forged from special alloy cutting steel, carefully heat-treated—hard and sharp. Patented knurled hexagon handle assures a firm, non-slip grip.

Black finish with polished head and cutting edge.

Nos.	Each	Diam.		Weight Per Doz., Lbs.
		Size, In.	Steel, In.	
TB 833	\$0.45	½	¾	7½
TB 835	.75	¾	1½	8½
TB 837	.98	1	5/8	9½

No. TB 833 and TB 835—one-half dozen in a carton.

No. TB 837—one-quarter dozen in a carton.

**KEEN KUTTER TOOLS ARE
AMONG THE WORLD LEADERS
IN QUALITY.**

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

TURNING CHISELS



PEXTO—

COMPLETE SET

All the chisels necessary for wood turning in home workshops—in one complete matched set. A good, practical serviceable tools.

Blades of special crucible forged steel, heat treated and highly polished for easy cleaning. Hardwood handles 7¼ inches long—ivory lacquered, with black lacquered ends. Heavy steel ferrules. All blades 4 inches long except ¾ inch gouge, which is 5½ inches long.

Set of Eight Chisels, Consists of:

Nos.	Size, In.	Kind	Length, Ins.
210	½	Skew Chisel	12½
210	1	Skew Chisel	12½
208	¼	Turning Gouge	12½
208	½	Turning Gouge	12½
208	¾	Turning Gouge	14
212	¾	Parting Tool	12½
214	½	Spearpoint Chisel	12½
209	½	Round Nose Chisel	12½

TB HW8—Weight per set 3¼ lbs. Per Set \$6.45

One set in a carton.

CARVING TOOLS



All the tools you need for wood carving.

Sharp—handy—durable tools.

Forged steel blades—polished and tempered—hard and keen-edged—shaped for every need. Comfortable, stained hardwood handles with nickel-plated steel ferrule.

Length blades 2½ inches—length over all 6¼ inches.

Set of six tools consists of:

- 1—¼ inch "V" Tool.
- 1—¼ inch Bevel Chisel.
- 1—¾ inch Curved Gouge.
- 1—¾ inch Straight Chisel.
- 1—¼ inch "U" Tool.
- 1—¼ inch Straight Gouge.

TB 106—Weight per set ¾ lb. Per Set \$3.45

One set in an attractive box, with tools in lower section of box covered with cellophane.

KEEN KUTTER PLANES

America's Finest Value — The First Choice of Carpenters Who Know and Appreciate Fine Tools

ADJUSTABLE IRON BENCH PLANES

- Super quality cutters of highest grade tool steel—specially oil tempered to hold sharp, fast cutting edges longer.
- Sides and bottoms perfectly machined and trued—will not scratch or mar finest wood.
- Fine screw and lever adjustments. Absolutely rigid, snug fitting frog—holds cutters firmly and prevents chattering.
- Tight clamping lever cap—prevents cutter from working loose while being adjusted, or when plane is in use.
- Walnut finish hardwood handle and knobs—give you a firm, comfortable grip.

Without doubt the finest planes in America. Fast and easy cutting. Easily adjusted for tissue thin or coarse shavings—endwise or sidewise. Highly polished cutters sharpened and whetted by hand on an oil stone—do smooth, quicker work. Durable cast iron frames are finely enameled—distinctive in appearance.

If you want to own the finest—be sure you have a **KEEN KUTTER!**



SMOOTH BOTTOM

Nos.	Each	Style	Length, Inches	Width, Cutter, Inches	Lbs.
TB K5	\$4.10	Jack	14	2	5
TB K5½	5.25	Jack	15	2½	6
TB K6	6.00	Fore	18	2½	7

CORRUGATED BOTTOM

Nos.	Each	Style	Length, Inches	Width, Cutter, Inches	Lbs.
TB K5C	\$4.35	Jack	14	2	4¾
TB K5½C	5.50	Jack	15	2½	5½
TB K6C	6.25	Fore	18	2½	6½



SHORT—SMOOTH BOTTOM

Nos.	Each	Style	Length, Inches	Width, Cutter, Inches	Lbs.
TB K3	\$3.65	Smooth	8	1¾	3½
TB K4	3.75	Smooth	9	2	3¾
TB K4½	4.50	Smooth	10	2½	5

SHORT—CORRUGATED BOTTOM

Nos.	Each	Style	Length, Inches	Width, Cutter, Inches	Lbs.
TB K3C	\$3.75	Smooth	8	1¾	3½
TB K4C	3.90	Smooth	9	2	3¾

One in a carton.

ADJUSTABLE IRON BLOCK PLANES

- Super quality cutters of highest grade tool steel—specially oil tempered. Hold sharp, fast cutting edges longer.
- Sides and bottoms perfectly machined and trued—will not scratch or mar finest wood.
- Easily made, positive adjustments.
- Durable cast iron frames, finely enameled—distinctive in appearance.

All fast cutting, smooth working planes. This group affords you the choicest selection of iron block planes to be found anywhere. Each plane is expertly designed and precision built of finest materials obtainable for the purpose. Will give you longer, better service than any other make plane.

"KNUCKLE JOINT" LEVER



Patented steel lever or cap snaps into position and locks cutter when replaced. Its distinctive shape fits your hand comfortably. Cutter adjustable sidewise and

endwise by lever and screw. Throat adjustable for coarse or fine work.

Width cutter 1½-inch. Nickel plated trimmings.

TB K18—Length 6¼ inches. Weight each 1½ lbs. Each \$2.60



The cutter rests on its seat at an angle of 20°—adjustable sidewise and endwise by lever and screw. Throat adjustable for coarse or fine work.

Width cutter 1½-inch. Japanned trimmings.

TB K9½—Length 6 inches. Weight each 1½ lbs. Each \$1.95

TB K15—Length 7 inches. Weight each 1½

lbs. Each 2.15

LOW ANGLE



Cutter rests on seat at angle of 12°—the low angle makes it easy to plane across hardwood. Cutter adjustable sidewise and endwise by lever and screw. Throat adjustable for coarse or fine work.

Width cutter 1½-inch. Nickel plated trimmings.

TB K60—Length 6 inches. Weight each 1½ lbs. Each \$2.45

With Lever Adjustment



Cutter adjustable endwise by lever. Walnut finish hardwood knob.

Width cutter 1½-inch. Japanned trimmings.

TB K120—Length 7 inches. Weight each 1½ lbs. Each \$1.50

With Screw Adjustment



Cutter adjustable endwise by screw. Walnut finish hardwood knob.

Width cutter 1½-inch. Japanned trimmings.

TB K220—Length 7 inches. Weight each 1½ lbs. Each \$1.45

With Lever Adjustment



Cutter adjustable endwise by lever.

Width cutter 1½-inch. Japanned sides and trimmings.

TB K103—Length 5½ inches. Weight each ¾ lb. Each \$0.98

One in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER NON-ADJUSTABLE IRON BLOCK PLANES

Same super quality oil tempered cutters, machined and trued sides and bottoms and durable cast iron frames as offered in the adjustable planes above. Excellent, economy-priced tools for general use.



Walnut finish hardwood knob.
Black japanned trimmings.
Width cutter 1 $\frac{1}{8}$ -inch.

TB K110—Length 7 inches. Weight each 1 $\frac{3}{8}$ lbs. Each \$0.98



Japanned sides and trimmings.
Width cutter 1 $\frac{1}{4}$ -inch.

TB K102—Length 5 $\frac{1}{2}$ inches. Weight each $\frac{7}{8}$ lb. Each \$0.85

One in a carton.

SIMMONS LEADER PLANES

ADJUSTABLE IRON BENCH PLANES

- High-grade steel cutters, tempered and polished. Holds good edge.
- Screw and lever adjustment. Tight-fitting frog eliminates chattering.
- Japanned cast frame and cap.
- Rosewood finish handle and knob shaped to assure steady grip.



JACK

TB SV4—Length 14 inches. Cutter 2 inches; weight each 4 $\frac{3}{4}$ lbs.
Std. List Each \$1.99. Each \$1.99



SMOOTHING

Nos.	Each	Lgth., Inches	Size Cutter, Inches	Weight Each, Lbs.	Std. List, Each
TB SV2	\$1.29	8	1 $\frac{3}{4}$	3 $\frac{1}{2}$	\$1.29
TB SV3	1.69	9	2	3 $\frac{3}{4}$	1.69



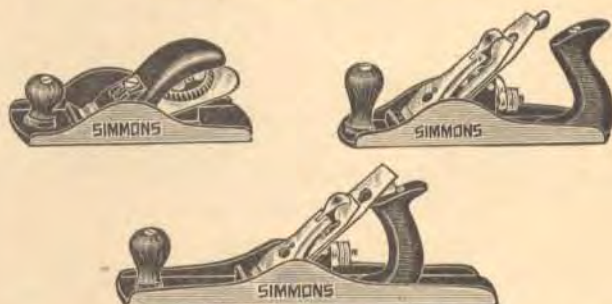
With Smooth-Working Lever Adjustment

High-grade steel cutter, tempered and polished. Japanned cast-iron frame and cap. Hardwood knob. Cutter 1 $\frac{1}{2}$ inches.

TB SV1—Length 7 $\frac{1}{4}$ inches; weight each 1 $\frac{1}{4}$ lbs.
Std. List, Each \$0.49. Each \$0.49

One in a carton.

PLANE ASSORTMENT



This assortment of planes has been selected to meet the requirements of almost all dealers in hardware and consists of 9 planes of the most called-for styles and sizes. Planes are all **SIMMONS** Leader quality.

Consists of:

	Each
6 non-adjustable iron block planes No. TB SV1	\$0.49
1 smoothing plane No. TB SV2	1.29
1 smoothing plane No. TB SV3	1.69
1 jack plane No. TB SV4	1.99

TB SVA—Weight per assortment 30 lbs.

Each plane in an individual box; one assortment in a carton.

*There is a Difference in
KITCHENWARE.*

*Polly Prim Kitchenware is
Unusually Good—But Modest
in Price.*

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

ADJUSTABLE IRON BENCH PLANES

STANLEY "BAILEY"

High Quality, Practical Tools

- Two piece cutter—properly tempered and polished.
- High carbon crucible steel bit takes and holds a sharp, smooth cutting edge.
- Improved, tight locking lever cap and rigid frog—absolutely prevents chattering.
- Perfectly trued, sturdy cast iron frames, sides and bottoms ground true and polished.

Exceptionally fine planes. Special two-piece cutter construction affords a hard, tough cutting edge backed by a lower carbon crucible steel blade which yields readily to pressure of cap and lever and permits a firmer seat on the frog. Construction also makes honing or grinding easy. The two parts are permanently fused together when originally cast. The new type lever cap has a special pear shaped hole which overcomes all tendency of cap to loosen when cutter is adjusted. Cutters adjustable endwise and sidewise.

Genuine rosewood handles. Polished surface finished with clear lacquer to improve appearance and prevent rusting. Polished caps.



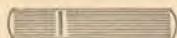
Illustrating
Corrugated Bottom

LONG—SMOOTH BOTTOM

Nos.	Each	Style	Length, Inches	Width Cutter, Each, Inches	Wt. Each, Lbs.
TY 5	\$4.25	Jack	14	2	5
TB 5 1/4	4.35	Jack	11 1/2	1 3/4	3 3/4
TB 5 1/2	5.95	Jack	15	2 1/8	6
TY 6	6.10	Fore	18	2 3/8	7
TY 7	8.15	Jointer	22	2 3/8	8

LONG—CORRUGATED BOTTOM

Nos.	Each	Style	Length, Inches	Width Cutter, Each, Inches	Wt. Each, Lbs.
TY 5C	\$4.45	Jack	14	2	5
TY 5 1/2 C	6.25	Jack	15	2 3/8	6
TY 6C	6.30	Fore	18	2 3/8	7
TB 7C	8.35	Jointer	22	2 3/8	8
TB 8C	9.65	Jointer	24	2 3/8	9 1/4



Illustrating
Corrugated Bottom

SHORT—SMOOTH BOTTOM

Nos.	Each	Style	Length, Inches	Width Cutter, Each, Inches	Wt. Each, Lbs.
TY 3	\$3.75	Smooth	8	1 3/4	3
TY 4	3.75	Smooth	9	2	3 1/2
TB 4 1/2	5.25	Smooth	10	2 3/8	5

SHORT—CORRUGATED BOTTOM

Nos.	Each	Style	Length, Inches	Width Cutter, Each, Inches	Wt. Each, Lbs.
TY 3C	\$3.95	Smooth	8	1 3/4	3 1/4
TY 4C	4.00	Smooth	9	2	4
TY 4 1/2 C	5.45	Smooth	10	2 3/8	5

One in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

IRON BLOCK PLANES

STANLEY

High Quality, Practical Tools

- Highest grade tool steel cutters—properly tempered and polished—sharp, fast cutting.
- Perfectly trued, smooth finished sides and bottoms.
- Sturdy, enameled cast iron frames.

WITH EASY, POSITIVE ADJUSTMENTS

LOW ANGLE—KNUCKLE JOINT LEVER



Easy to plane across hardwood. Cutter at 12° angle—adjustable endwise by steel screw. Adjustable throat.

Handy grip. Fitted with patented steel lever or cap which snaps into position and locks cutter when replaced. Bottom and sides milled and ground. Nickel plated trimmings. Width cutter 1 1/2 inches.

TB 65—Length 7 In. Weight each 1 3/8 lbs. Each \$3.15

KNUCKLE JOINT LEVER



Patented steel lever or cap snaps into position and locks cutter when replaced. Its distinctive shape makes a handy grip. Cutter adjustable sidewise and endwise by lever and screw. Throat adjustable for coarse or fine work. Nickel plated trimmings. Width cutter 1 1/2 inches.

TY 18—Length 6 In. Weight each 1 1/2 lbs. Each \$2.50



Cutter adjustable sidewise and endwise by lever and screw. Throat adjustable for coarse or fine work. Has handy grip. Japanned trimmings. Width cutter 1 1/2 inches.

TY 9 1/2—Length 6 In. Weight each 1 1/2 lbs. Each \$1.98



Cutter adjustable endwise by lever. Bottom and sides milled and ground. Rosewood knob—japanned trimmings. Width cutter 1 1/2 inches.

TB 120—Length 7 In. Weight each 1 3/8 lbs. Each \$1.70



Cutter adjustable endwise by steel screw. Bottom and sides milled and ground. Rosewood knob—japanned trimmings. Width cutter 1 1/2 inches.

TY 220—Length 7 In. Weight each 1 3/4 lbs. Each \$1.45



Cutter adjustable endwise by lever. Bottom is milled and ground. Japanned sides and trimmings. Width cutter 1 1/2 inches.

TB 103—Length 5 1/2 In. Weight each 7/8 lb. Each \$1.10

One in a carton.

IRON BLOCK PLANES

STANLEY

High Quality, Practical Tools

- Highest grade tool steel cutters—properly tempered and polished—sharp, fast cutting.
- Perfectly trued, smooth finished sides and bottoms.
- Sturdy, enameled cast iron frames.

NON-ADJUSTABLE



DOUBLE END—has two mouths and two cutter seats. Can be used as block plane or, by reversing position of cutter and clamping wedge (see dotted lines in illustration), it can be made into

bull nose plane for work in close corners. Bottom and sides milled and ground. Rosewood knob—japanned trimmings. Width cutter 1½ inches.

TB 130—Length 8 In. Weight each 1½ lbs. Each \$1.90



Bottom is milled—sides and bottom ground. Rosewood knob. Lever cap polished and nickel plated. Width cutter 1½ inches.

TB 110—Length 7 In. Weight each 1½ lbs. Each \$1.10



Bottom is milled and ground. Japanned sides and trimmings. Width cutter 1½ inches.

TB 102—Length 5½ In. Weight each ¾ lb. Each \$0.90



TOY SIZE—a handy little plane. Sides and trimmings japanned. Width cutter 1 inch.

TB 101—Length 3½ In. Weight each ¼ lb. Each \$0.49

One in a carton.

PLANE IRONS

STANLEY AND BAILEY PATENTED, IMPROVED

Duo-construction for great strength—keen edge. The top front section of iron is high carbon steel, best suited for sharpening. The backing is of lower carbon steel, soft enough to yield to pressure of cap and lever—gives a firmer seat on frog. Two parts fused together when cast—tempered and polished.



Single

For both wood bottom and iron planes. Fits Bailey and Bed Rock planes.

Nos.	Each	Size, Inches	Wt. Per Dozen, Lbs.
TB SC1 ¼	\$0.75	1 ¼	2 ½
TB SC2	.75	2	3
TB SC2 ¼	.85	2 ¼	3 ¾
TB SC2 ½	.90	2 ½	4
TB SC2 ¾	.95	2 ¾	5



Double

For wood planes. Fits Bailey planes.

Nos.	Each	Size, Inches	Wt. Per Dozen, Lbs.
#TB WP2	\$1.30	2	5 ½
#TB WP2 ½	1.45	2 ½	6 ¼
#TB WP2 ¼	1.45	2 ¼	7
#TB WP2 ¾	1.50	2 ¾	7 ½

One-half dozen in a carton.

* Goods marked thus (*) are not carried in stock and can only be furnished by shipment direct from factory.

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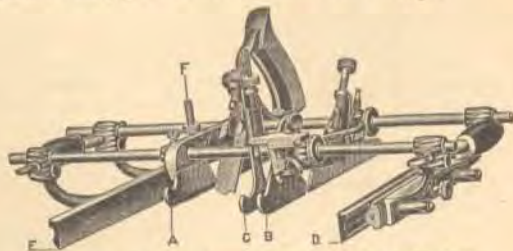
PATENT UNIVERSAL PLANES

STANLEY

- Razor-keen tool steel cutters—properly tempered and polished. Hold sharp, fast-cutting edges.
- Easy, positive adjustments for tissue-thin or coarse shavings.
- Durably constructed cast-iron frame.

Expertly designed and constructed of high quality materials.

Does smooth, accurate work—quickly and easily. Specially adapted to help you do better work on the job.



"A PLANING MILL WITHIN ITSELF"

A real boon to every carpenter who wants to be prepared for any type of planing work which he might be required to do. With it, the scope of work is practically unlimited—combines all the "fancy" planes.

Beading—center beading—plow—dado—rabbet—filletster—match—sash—slitting and superior moulding plane. Will accommodate cutters of almost any shape and size.

Simple, Easy-to-Use Construction

A—Main stock with two sets of transverse sliding arms.

B—Sliding section with vertically adjustable bottom.

C—Auxiliary center bottom, adjustable both vertically and laterally—to be placed in front of cutter, when needed as an extra support or stop.

D—Fence with lateral adjustment by means of a screw—for extra fine work.

E—Fence-reversible for center beading wide boards.

F—Precision depth gauge—adjustable by screw.

• Under (F) is a superior slitting cutter with stop.

• To left-hand side of (B) is inserted an adjustable stop for use in beading edges of matched boards.

• Fences (D) and (E) can be used on either side of plane—rosewood guides can be tilted to any desired angle up to 45° by loosening face screws.

• Patented adjustable spurs for working across grain. Handsomely finished with nickel-plated frame—comfortable rosewood handle—easy turning steel adjusting screws.

Complete With 55 Different Cutters

(Arranged in four separate cases)

Easily understood directions for all uses of this marvelous tool—packed with each plane

TY 55—Weight each 15 lbs. Each \$30.75

One in a hinged wood box.

PLANE HANDLES

STANLEY

To fit Bailey planes Nos. 35 and 36.

TB 35B—Plain finish beech-wood Each \$0.45

To fit Bailey planes Nos. 3, 3C, 4, 4C, S4, 603, 603C, 604 and 604C.

TB 3—Polished rosewood Each \$0.65

To fit Bailey planes Nos. 4½, 5, 5½, 6, 7 and 8.

TB 5—Polished rosewood Each \$0.65

One dozen in a carton. Weight per dozen 2 lbs.

ADJUSTABLE PLANES

STANLEY—HIGH QUALITY, PRACTICAL TOOLS

- Razor-keen tool steel cutters—properly tempered and polished. Hold sharp, fast-cutting edges.
- Easy, positive adjustments for tissue-thin or coarse shavings.
- Durably constructed cast-iron frames.

SCRUB PLANES

NEW, IMPROVED



Makes light work of heavy cutting! Rounded edge, single iron cutter is particularly adapted to quick roughing down of heavy, coarse timber—before finishing with jack or other plane.

Japanned cast-iron frame and clamp—smooth hardwood handles. Length $9\frac{1}{2}$ inches, width cutter $1\frac{1}{4}$ inches.

TB 40—Weight each $2\frac{1}{4}$ lbs. Each \$2.35

ROUTERS

For Perfectly Smooth Grooving

Specially adapted to smoothing bottom of grooves, panels or other depressions below general surface of any wood-work. Cutters are adjustable.

Can be converted into bull-nose tools for routing out mortises and other difficult surfaces. Bits can be clamped to back side of uprights, outside of stock.



OPEN THROAT

Attachment is furnished for closing throat—for use on narrow surfaces.

Maple knobs finished in black. Nickel-plated frame. Length $7\frac{1}{2}$ inches.

Complete with one each: $\frac{1}{2}$ and $\frac{1}{4}$ -inch router cutters, and $\frac{1}{16}$ -inch "V" or smoothing cutter.

TB 71—Weight each $2\frac{5}{8}$ lbs. Each \$4.45



CLOSED THROAT

Maple knobs finished in black. Nickel-plated frame. Length $7\frac{1}{2}$ inches.

Complete with one each: $\frac{1}{2}$

and $\frac{1}{4}$ -inch router cutters, and $\frac{1}{16}$ -inch "V" or smoothing cutter.

TB 71 $\frac{1}{2}$ —Weight each $2\frac{1}{8}$ lbs. Each \$3.60

RABBIT PLANES

WITH SPUR



Planes into corners or up against perpendicular surfaces. Perfectly flat on both sides—works equally well with either hand. Fitted with spur and detachable depth gauge. Solid, easy grip handle. Black enameled finish.

Nos.	Each	Length, Inches	Width Cutter, Inches	Weight Each, Lbs.
TB 190	\$2.39	8	$1\frac{1}{2}$	$2\frac{1}{2}$
TB 191	2.39	8	$1\frac{1}{4}$	$2\frac{1}{4}$

One in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

Excellent planes—expertly designed and constructed of high quality materials.

Do smooth, accurate work—quickly and easily. Specially adapted to help you do better work on the job for which each is intended.

RABBIT AND FILLETSTER PLANES

THREE PLANES IN ONE



1—Regular Rabbit—when arm, to which fence is secured is removed. Planes into corners or up against perpendicular surfaces, equally well with either hand—perfectly flat on both sides. When in rear seat cutter is adjustable endwise. 2—Bull-nose Rabbit. Equipped with second cutter seat at front for close work. 3—Superior right or left-hand filletster with adjustable spur (for working across grain) and depth gauge. Arm to which fence is secured can be screwed into either side of stock. Solid, easy grip handle. Black enameled finish. Width cutter $1\frac{1}{2}$ inches. Length $8\frac{1}{2}$ inches.

TB 78—Weight each 3 lbs. Each \$2.89

One in a carton.

COMBINATION BEADING, RABBIT AND SLITTING

"9 HANDY TOOLS IN 1"

Beading and center beading—rabbit—filletster—dado—plow—match—slitting and sash plane.



• Main stock with sliding section accommodates cutters of different widths and shapes.

- Adjustable fence for guide and a depth gauge.
- Spurs for use in working across the grain.
- Can be used either right or left handed—as needed.
- Superior slitting attachment (see illustration below).

You carpenters who do not have a circular saw: This improved slitting attachment will help you a great deal!



With it you can slit up your stock for fitting up doors and windows, or kindred work—quickly and easily.

Nickel-plated frame—smooth rosewood handle. Length 11 inches.

Complete With 23 Different Cutters

Seven beading tools ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$ and $\frac{1}{2}$ inch)—eleven plow and dado bits ($\frac{1}{8}$, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$ and $\frac{1}{2}$ -inch)—one filletster ($1\frac{1}{4}$ -inch)—one slitting tool—two match tools ($\frac{1}{4}$ and $\frac{3}{8}$ -inch) one sash tool ($1\frac{1}{2}$ -inch).

TY 45—Weight each $9\frac{1}{2}$ lbs. Each \$15.95

One in a carton.

DRAWING KNIVES

For fast, easy cutting. Handles shaped for firm, non-slip grip. Tangs securely attached to handles.



KEEN KUTTER FINEST QUALITY RAZOR BLADE

Forged from one piece of highest grade tool steel—oil tempered, sharpened and whetted on an oil stone, by hand. Full polished.

Ebony finish hardwood handles. Nickel plated steel ferrules and caps. Tangs extend through ferrules, handles and caps—carefully headed at ends for greatest strength. Length handles 5 inches.

Nos.	Each	Length Blade, Inches	Width Blade, Inches	Weight Per Doz., Lbs.
TB K8	\$1.50	8	1 1/4	15
TB K9	1.60	9	1 1/4	16
TB K10	1.75	10	1 1/2	19

One-half dozen in a wood box.



SIMMONS LEADER

Forged steel tempered blade and shank, highly polished. Mahogany finish handles with heavy metal ferrules and caps. Blade 1 1/2 inches wide.

Nos.	Each	Length Blade, Inches	Weight Per Carton, Lbs.	Std. List, Each
TB SC1	\$1.10	8	3 3/4	\$1.10
TB SC2	1.29	10	2 1/4	1.29

Packing: 8-inch—three in a carton.
10-inch—two in a carton.

SPOKE SHAVES



BAILEY

Adjustable Mouth

Mouth can be opened or closed for coarse or fine work — by steel thumb screw.

One piece cast iron japanned frame, cap and raised (sure grip) handle—high grade steel cutter tempered and sharpened—adjustable end-wise and side-wise. Length 10 inches. Size cutter 2 1/4 inches.

TB 53—Weight per dozen 4 1/2 lbs. Each \$0.75

One-half dozen in a carton.

CABINET SCRAPERS



KEEN KUTTER —FLAT STEEL

Highest grade tool steel—oil tempered—hard, durable. Cross ground for true, even edge. Full polished.

Nos.	TB K255	TB K35
Size, In.	2 1/2 x 5	3 x 5
Wt. per Doz., Lbs.	2	2 3/4
Each	\$0.23	.25

One dozen in a carton.

SIMMONS

Flat Steel in Handle

Fine tool steel blade 3x3 inches—hard tempered and sharpened. Comfortable beechwood handle—curved for maximum working leverage and power—12 1/2 inches long.



Smooth belted sides, varnished top and bottom. Blade fastened securely in handle with nickel-plated steel screw and tightening lever.

TB S2—Weight per dozen 8 3/4 lbs. Each \$0.89

One-half dozen in a carton.

EXTRA BLADE FOR No. TB S2 SCRAPERS

TB S2B—Weight per dozen 1 1/2 lbs. Each \$0.35

Packing—bulk.



STANLEY Adjustable- Cushioned

For working on floors, scraping in corners, close to mouldings, removing paint.

- Adjustable single handle—can be tilted to give blade any angle desired.
 - Spring in head acts as a cushion—eliminates chatter—helps you do better, smoother work.
 - Two 3-inch tempered tool steel blades: one straight with beveled edge—one formed, two-edged blade that can be easily sharpened with a file.
- Sturdy, japanned cast-iron frame—hardwood handle—secure adjustments for handle and blade. Length over all 12 inches.

TB 82—Weight each 1 3/4 lbs. Each \$1.89

Packing—bulk.

EXTRA BLADES FOR No. TB 82 SCRAPERS Straight, Beveled Edge Blade



TB 82B—Weight per dozen
1 1/4 lbs. Each \$0.40



Two-Edged, Formed Blade
TB 82DE—Weight per dozen
1 1/4 lbs. Each \$0.40

One dozen in a carton.

STANLEY

Smooth Working—Durable

One piece cast iron frame and raised (easy-grip) handles—japanned.



Tempered tool steel blade—carefully beveled. May be sprung to a slight curve by adjusting thumb screw. Polished.

Length 11 inches, size cutter 2 3/4 inches.

TB 80—Weight per dozen 21 lbs. Each \$1.25

One-twelfth dozen in a carton.

EXTRA BLADES FOR No. TB 80 SCRAPERS

TB 80B—Weight per dozen 1 1/2 lbs. Each \$0.35

One dozen in a carton.

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WOOD SCRAPERS

RED DEVIL—GOOD, ECONOMICAL TOOLS

Practical for carpenters, cabinet makers, floor finishers and others.

High carbon steel blades—easily removed and sharpened. Double edged for added convenience—longer service. Sturdy, smooth, red enameled hardwood handles.



Reversible Pistol Grip Pattern

Plenty of power can be exerted on work through comfortable, balanced handle. Block holding blade is grooved on both sides—handle fits either side. Double blade 2½ inches wide, length over all 8½ inches.

TB 8—Weight per dozen 4½ lbs. Each \$0.75



Spade-Shaped Handle

Double blade 2½ inches wide, length over all 7¼ inches.

TB 5—Weight per dozen 3½ lbs. Each \$0.49

One-half dozen in a display carton.



Narrow Blade—Spade-Shaped Handle

Double blade 1½ inches wide; length over all 6¼ inches.

TB 4—Weight per dozen 2 lbs. Each \$0.25

One dozen in a display carton.



Straight Handle

Single 1-inch blade, length over all 5 inches.

TB 0—Weight per dozen 1¼ lbs. Each \$0.10

One dozen in a carton.

EXTRA BLADES FOR WOOD SCRAPERS

RED DEVIL—DOUBLE EDGED

For No. TB 4 Scrapers—Width 1½ inches.

TB 1½B—Weight per dozen ¼ lb. Each \$0.15

For Nos. TB 5 and TB 8 Scrapers—Width 2½ inches.

TB 2½B—Weight per dozen ¼ lb. Each \$0.25

Packing—bulk.

Pick the Right Tool to Do the Job.

You Couldn't Do Better Than to

Pick

KEEN KUTTER.

WOOD SCRAPER ASSORTMENTS

RED DEVIL—Good, Economical Tools

Three popular handy tools attractively displayed on large easel display card.

Tools sell themselves when placed on counter or in your window—because they are practical and economical double edged scrapers.

Free—One popular Red Devil No. TB 0 2 4 glass cutter free with each assortment—in place on display card.



Assortment Consists of:

One each Nos. TB 4, TB 5, and TB 8 wood scrapers with two separate, replaceable blades for each.

Per Assortment

TB 170—Weight per assortment 1¼ lbs. \$1.45

Wrapped in paper.

BOX SCRAPERS

Solid, Serviceable



Hard tempered tool steel blade with three sharp cutting edges. Black finish malleable iron shank. Comfortable varnished hardwood handle—strong and durable—6½ inches long. Blade 3¼ inches wide, securely mounted to shank by steel set screw and washer. Plain steel ferrule. Length over all 10½ inches.

TB 272—Weight per dozen 7 lbs. Each \$0.75

One-half dozen in a carton.

SCRATCH AWLS

KEEN KUTTER



SOCKET PATTERN

Highest grade tool steel blade and socket—tempered and polished for easy cleaning. Smooth hardwood handle. Length of blade and socket 5½ inches. Diameter ¼ inch. Length over all 7½ inches.

TB K100—Weight per dozen 1¼ lbs. Each \$0.39

One dozen in a wood box.

SIMMONS LEADER



Fine quality steel blade, polished. Hardwood handle. Length of blade 3½ inches. Length over all 6½ inches.

TB SHH1—Weight per carton (6) 1¼ lbs.

Std. List, Each \$0.29 Each \$0.29

Six in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SEWING AWLS



MYER'S LOCK STITCH

Sews with a lock stitch. Will be found a very

satisfactory tool for sewing shoes, saddles, harness, awnings, tents, carpets, gloves and canvas of all kinds. Stained hardwood hollow handle, with nickel-plated steel frame. Reel and clamp nut for holding needle in position. Reels wound with waxed thread ready for sewing. Complete with two diamond point needles, one straight and one curved, both of which are grooved the entire length for the thread to run through, which avoids breaking the thread. Combination screw driver and wrench furnished for tightening the reel which holds the needle, also for removing the reel for refilling. Length with needle inserted 7 inches.

TB M—Weight per dozen 3 lbs. Each \$0.50

One-twelfth dozen in a cardboard box, with directions for use.

EXTRAS FOR No. TB M SEWING AWL

Nos.		Each
TB 5 —Needles	Fine straight	\$0.10
TB 6 —Needles	Regular curve	.10
TB 8 —Needles	Regular straight	.10

Weight per dozen ¼ lb.

TY ST—Waxed Thread 25-yd. skeins .15

Weight per dozen ¼ lb.
Packing—bulk.

NEEDLES



HEAVY RICE SACKING—For Closest Weaves

Finest quality polished spring steel—exceptionally strong and flexible for heaviest work—will not easily bend or break. Double-edged smooth head quickly spreads tightest woven sacking to permit easy sewing with extra heavy string or twine. Easily threaded large spring eye—holds twine firmly without breaking it. Length 5½ inches.

TB 936—Weight per gross 7 lbs. Each \$0.49

25 in a paper—100 in a package.

SACKING OR PACKING—For Loose Weaves

Easily handled for fast work. Best grade English steel—tempered, hardened and polished—will not bend easily or snap off. Smooth, square-cornered eye will not pinch or break heavy thread or twine.

Nos.	Per Dozen	Size, In.	Wt. Per Gross, Oz.
TB 20/3	\$0.15	3	8
TB 20/4	.19	4	8
TB 20/5	.27	5	12
TB 20/6	.39	6	16

TB 20/3-5—Assorted Sizes—3 to 5-inch lengths. Weight per gross 8 ounces.

One-fourth gross in a paper.



SHRIMPION PATTERN SACKING For Ordinary Weaves

High quality polished English spring steel—sturdy and flexible—will not easily bend or break. Spear head opens sacking mesh wide enough for easy entrance of heavy twine or string. Easily threaded large spring eye holds twine firmly without breaking it.

TB 934—Length 4 inches. Each \$0.19

TB 935—Length 5 inches. Each .19

One-twelfth gross in a paper—one gross in a package.
Weight per gross 24 ounces.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

NEEDLES

MATTRESS NEEDLES—Fast Working—Strong

Best grade steel—tempered, hardened and polished—will not bend easily or snap off. Extra sharp—conveniently double pointed for push or pull sewing. 12 inches long.

TB M—Weight per gross 3 lbs. Each \$0.10

One-twelfth gross in a paper.



SPEYING—Easily Handled—Sturdy

Best grade steel—tempered, hardened and polished—will not bend easily or snap off. Easily threaded smooth eye—holds gut without slipping or breaking. Sharp curved point for quick incisions. Length 3½ inches.

TB SP3½—Weight per gross 12 ounces. Per Dozen \$0.19

One-fourth gross in a package.

One gross in a cardboard box.

FLUTED RUBBING BRICKS

CARBORUNDUM BRAND

For Contractors, Builders and Concrete Workers.

Silicon carbide fluted rubbing bricks—most effective and efficient for rubbing down concrete surfaces . . . quickly removing mould or form marks . . . concrete finishing.

The flutes give a decided shearing action and at the same time carry away removed material. This feature combined with the remarkable abrasive properties of carborundum brand silicon carbide gives a brick that cuts faster, gives a better finish and lasts longer.



With Handle

Heavy, smoothly finished wood handle securely cemented to brick—provides decidedly handy method for easy rubbing. Fluted on bottom only.

Size 8x3¼x1½ inches.

TB 288—Weight per dozen 36 lbs. Each \$2.25

One dozen in a case.



Without Handle

Nos.	Each	Size, Inches	Wt. Per Dozen, Lbs.
TB 622	\$1.10	6x2x2	20½
TB 822	1.50	8x2x2	30

Packing—bulk.

A New
KEEN KOOKER
CAST IRON RANGE
Will Give You Better, Faster
Cooking

PLASTERING TROWELS

KEEN KUTTER

CINCINNATI PATTERN CONVEX GROUND



Highest quality forged tool steel blade—oil tempered—etched and polished.

Blade securely riveted to polished malleable iron mounting and shank with tang that extends clear through handle. Handle fastened by screw at back of tang—cannot turn or wobble loose.

Large, comfortable, select basswood handle—4 inches long—varnished finish.

Perfectly balanced for easier, faster work.

Nos.	Each	Length Blade, In.	Width Blade, In.	Wt. Per Doz., Lbs.
TB KS10½	\$1.65	10½	4½	12
TB KS11	1.65	11	4⅝	13

SIMMONS

A High Quality Trowel—at a Lower Price



Good quality tool steel blade—tempered for strength—plain ground, etched and polished for smooth work.

Blade securely riveted to polished malleable iron mounting and shank—tang extends through handle and is riveted on end. Handle will not turn or twist loose.

Smooth finish basswood handle, 4 inches long—good balance.

Nos.	Each	Length Blade, In.	Width Blade, In.	Wt. Per Doz., Lbs.
TB S10½	\$0.98	10½	4½	11
TB S11	.98	11	4⅝	12

KLICHER

A serviceable trowel at a low price



Tempered, smoothly ground, polished steel blade, held by four rivets to natural finish shank with tang that extends through handle and is

headed on the end over a washer. Handle cannot slip off of tang—blade will not loosen from shank. Plain finish hardwood handle, 4 inches long.

Blade 10½x4½ inches.

TB 10½K—Weight per dozen 12 lbs. Each \$0.49



Wrought steel blade with one-piece wrought handle and shanks securely welded to blade. Blade 10½x4½ inches.

TB 24K—Weight per dozen 11 lbs. Each \$0.19

One-half dozen in a cardboard box.



MARSHALLTOWN FINISHING

Superior Quality Slightly Concave

Extra quality 22-gauge tempered tool steel blade—smoothly ground—slightly concave for easy, fast finishing. Full polished. Blade riveted at 1 inch intervals to long polished mounting extending to 1 inch from each end of blade. Tang extends clear through handle—securely bolted at back. Handle cannot turn or come off. Smooth natural finish hardwood handle, 4½ inches long—slopes in front towards wide oval shank to form a convenient thumb-rest. Nicely balanced.

Nos.	Each	Length Blade, In.	Width Blade, In.	Wt. Per Doz., Lbs.
TB MF91	\$2.75	10½	4½	12
TB MF1	2.75	11	4½	14½
TB MF2	2.75	11½	4½	14

One-third dozen in a cardboard box.

MARSHALLTOWN XTRALITE—FINISHING

These trowels are about 25% lighter in weight than the standard models, conserve the strength of the user and fill the demand for extra light trowels.

Improved balance and hang, easier to handle

Durable light spring steel blade—tempered for long service—taper ground from center for better, easier work; full polished.

Special, light, strong aluminum alloy mounting riveted to blade with ten hard steel rivets—holds blade straight. Tang extends clear through handle and is secured by brass nut with washer—handle cannot turn or twist off.



With smooth, tapered, round basswood handle, 4½ inches long—natural finish.

Nos.	Each	Length Blade, In.	Width Blade, In.	Wt. Per Doz., Lbs.
TB MX91	\$3.25	10½	4½	12
TB MX1	3.25	11	4½	13
TB MX2	3.25	11½	4½	13½
TB MX3	3.25	11	4¾	14



WITH CALIFORNIA PATTERN HANDLE

Smooth, oval shaped basswood, 4½ inches long—natural finish.

Nos.	Each	Length Blade, In.	Width Blade, In.	Wt. Per Doz., Lbs.
TB MXS91	\$3.25	10½	4½	12
TB MXS1	3.25	11	4½	13
TB MXS3	3.25	11	4¾	14

One in a carton.

CEMENT TROWELS

MARSHALLTOWN



Extra Strong—Convex Face Highest grade crucible steel tempered blade—smoothly ground and polished for fast, easy work.

Blade riveted to mount with ten steel rivets. Tang extends clear through handle and is bolted at end. Handle cannot turn or break loose. Comfortable, smooth turned natural finish wood handle. Blade 14x4 inches.

TB MC14—Weight per dozen 15½ lbs. Each \$3.25

One-third dozen in a cardboard box.

**KEEN KUTTER TOOLS ARE
AMONG THE WORLD LEADERS
IN QUALITY.**

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

BRICK TROWELS

KEEN KUTTER



PHILADELPHIA PATTERN

Highest quality polished tool steel blade—extra ground

and oil tempered. Blue lacquered steel shank—long polished steel ferrule.

Perfect grip, white gumwood handle, 5½ inches long. Securely mounted on shank—will not turn or come loose.

Hung just right—for best work. The bend of the shank and shape of the handle are carefully modeled after latest approved patterns for expert use.

Nos.	Each	Lgth. Blade, In.	Width Heel, In.	Lgth. All, In.	Wt. Over, Lbs.	Doz.,
TB KPB10½	\$1.95	10½	5½	16½	13	
TB KPB11	1.95	11	5¾	17¼	14	

SIMMONS



PHILADELPHIA PATTERN

Good quality polished tool steel blade—ground and

tempered. Steel shank—polished steel ferrule.

Comfortable, securely mounted beechwood handle, 4¾ inches long—will not turn or twist loose. Well balanced for quick, easy work.

Nos.	Each	Lgth. Blade, In.	Width Heel, In.	Lgth. All, In.	Wt. Over, Lbs.	Doz.,
TB SPB10½	\$0.89	10½	5½	16	13	
TB SPB11	.89	11	5¾	16¼	14½	

ROSE'S—SUPERIOR QUALITY



PHILADELPHIA PATTERN

Extra quality polished steel blade—care-

fully tempered and ground smooth. Blue lacquered steel shank—long polished steel ferrule.

Comfortable gumwood handle 5¾ inches long. Well balanced for quick, easy work.

Nos.	Each	Lgth. Blade, In.	Width Heel, In.	Lgth. All, In.	Wt. Over, Lbs.	Doz.,
TB 11010	\$2.25	10	4¾	16	12	
TB 11010½	2.25	10½	5¼	16½	13	
TB 11011	2.25	11	5½	16¾	14	



LONDON PATTERN

Extra quality polished steel blade carefully tempered and ground smooth. Lac-

quered steel, high shank with center of ferrule at bend of shank, 1¾ inches up from bottom of blade—gives additional clearance between handle and working surface. Smooth hardwood handle, 6 inches long—with long polished steel ferrule.

Nos.	Each	Lgth. Blade, In.	Width Heel, In.	Lgth. All, In.	Wt. Over, Lbs.	Doz.,
TB 11210½	\$2.25	10½	5½	16¼	13	
TB 11211	2.25	11	5¾	16¾	14	

One-half dozen in a carton.

KLICHER



PHILADELPHIA PATTERN

Sturdily made.

Heavy wrought

steel polished blade 10½ inches long, 4¾ inches wide. Natural finish malleable shank riveted to blade. Comfortable gumwood handle, 5 inches long, with polished steel ferrule.

TB 100K—Weight per dozen 12 lbs. Each \$0.45

One dozen in a carton.



PHILADELPHIA PATTERN

Heavy wrought steel blade smoothly polished. Natural

finish malleable shank—securely riveted to blade. Comfortable, shellacked wood handle 4¾ inches long with polished steel ferrule.

Blade 10x4¾ inches.

TB 33K—Weight per dozen 5¼ lbs. Each \$0.23



PHILADELPHIA PATTERN

One-piece wrought steel blade and shank.

Smooth varnished hardwood handle, 4 inches long. Polished steel ferrule.

Blade 9x4¾ inches.

TB 23K—Weight per dozen 7½ lbs. Each \$0.13

One dozen in a carton.

MARGIN TROWELS



MARSHALLTOWN

Small size for use in tight spots

Specially adapted for use in places where regular plasterers' trowels are too large.

Forged one-piece highest grade tool steel blade—tempered and polished for long, satisfactory service.

Smooth hardwood handle, 4¾ inches long—firmly mounted on straight shank, with polished steel ferrule

Blade 5x2 inches.

TB M52—Weight per dozen 4 lbs. Each \$0.61

One-half dozen in a cardboard box.

BRICK CHISELS

MARSHALLTOWN



One-piece forged tool steel—hardened and tempered with sharp, polished cutting edge—single bevel, with offset. ¾ inch octagon, easy grip shank Length over all 7 inches. Oil finished.

Nos.	Each	Width Blade, In.	Wt. Per Doz., Lbs.
TB 54	\$0.89	3½	14½
TB 55	.89	4	15

One-half dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

POINTING TROWELS KEEN KUTTER



Highest quality tool steel polished and etched blade. Strong, black lacquered steel shank. Heavy polished steel ferrule. Comfortable walnut stained handle, 4 1/2 inches long—solidly mounted to prevent turning or twisting loose.

Perfectly balanced for easy handling—quick work.

Nos.	Each	Length Blade, In.	Width Heel, In.	Wt. Per Doz., Lbs.
TB KP4 1/2	\$0.65	4 1/2	2 1/4	2 3/4
TB KP5	.65	5	2 1/2	3
TB KP5 1/2	.65	5 1/2	2 1/2	3 1/4



Best quality tool steel blade—polished and etched. Sturdy blue lacquered steel shank, with polished steel ferrule.

Smooth beechwood handle, 4 inches long—firmly mounted to prevent turning or loosening. Well balanced.

Nos.	Each	Length Blade, In.	Width Heel, In.	Wt. Per Doz., Lbs.
TB KPT4 1/2	\$0.49	4 1/2	2 1/4	2 3/4
TB KPT5	.49	5	2 1/2	3
TB KPT5 1/2	.49	5 1/2	2 1/2	3 1/4

One-half dozen in a carton.

KLICHER



Sturdy one-piece wrought steel blade with shank shaped for strength.

Smooth varnished hardwood handle with polished steel ferrule—tightly mounted for longer service.

Blade 4 3/4 x 2 1/2 inches.

TB 25K—Weight per dozen 3 1/2 lbs. Each \$0.10

HOWARD

Well Built—Good Value



All steel blade tightly riveted to strong, natural finish malleable shank. Polished steel ferrule.

Smooth varnished hardwood handle, 4 1/2 inches long.

Blade 5 1/2 x 2 1/2 inches.

TB H15—Weight per dozen 3 lbs. Each \$0.15

One dozen in a carton.

BRICK JOINTERS



MARSHALLTOWN

Will finish brick joints in any size from 1/8 to 3/4 inch—both Concave and V

joints. One end tapered to a round point—other end tapered to square point. Shaped for easy handling. Strongly made of forged tool steel—will not break. Full polished. Diameter at center 5/8 inch, length 8 inches.

TB 402—Weight per dozen 3 lbs. Each \$0.49

One dozen in a carton.

PLASTERERS' CORK FLOATS



MARSHALLTOWN
Best Quality
Durable

Selected cork face 3/4 inch thick—securely glued to strong redwood back 1/2 inch thick. Comfortable grip smooth wood handle

dle tightly screwed onto block. Built for long service. Length 12 inches, width 5 inches, thickness 1 1/4 inches.

TB 41—Weight per dozen 14 lbs. Each \$1.35

Packing—bulk.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

PLASTERERS' ALUMINUM ANGLE FLOATS



MARSHALLTOWN
Light—Durable

Hard aluminum casting with smooth polished face and sides.

Comfortable grip hardwood handle firmly secured with

two countersunk head screws. Face 10 x 3/4 inches. Sides 1/4 inch high, with beveled ends.

TB 103—Weight per dozen 12 lbs. Each \$1.00

One-third dozen in a carton.

PLASTERERS' HAWKS

KEEN KUTTER—Aluminum



Light and Strong

Highest grade heavy rolled aluminum for maximum strength with minimum weight. Sand blast finished on top. Polished on under side. Sturdily

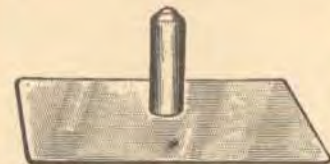
mounted flange and handle carriage—will not break off under load. Detachable black finish hardwood handle 5 inches long, with soft rubber callous preventers. Rust-proof throughout.

Size 13 1/2 x 13 1/2 inches.

TB K2—Weight per dozen 28 lbs. Each \$2.75

One-quarter dozen in a carton.

SANDS—ALUMINUM



Standard 12-gauge "San-Tex", special analysis aluminum plate—light weight with great tensile strength. Special—non-rusting phosphor bronze nut, for holding handle, securely locked to plate. Undercut scoring on face

of plate prevents mortar from slipping off. Smooth, detachable wood handle, 5 x 1 1/2 inches, with rust-proof bolt for screwing to plate—bolt fluted to prevent turning.

Size 13 1/2 x 13 1/2 inches.

TB 521—Weight per dozen 27 lbs. Each \$2.25

One-third dozen in a box.

MAY'S—ALUMINUM



Plate of hard rolled 12-gauge aluminum, with aluminum flange 3/4 inch thick, 3 3/4 inches in diameter securely riveted to bot-

tom. Threaded bronze hub extends through flange—to firmly support detachable handle which is screwed on by bolt extending all the way through handle.

Polished finish, with circle scoring on face to prevent mortar from slipping off hawk. Complete with soft rubber pad which fits over handle and against flange—to protect hand. Natural finish hardwood handle 5 1/2 x 1 1/2 inches.

Size 13 1/2 x 13 1/2 inches.

TB M1350—Weight per dozen 24 lbs. Each \$1.75

One-half dozen in a carton.

Granitoid or Cement Tools

Exceptionally Good Values

- Full nickel-plated cast iron parts with smooth bur-nished faces.
- Comfortable, natural finish hardwood handles—firmly mounted for a steady grip.

JOINTERS

Both Ends Rounded

Makes cut $\frac{1}{2}$ inch deep, $\frac{3}{8}$ inch wide.



No.	TB 106
Length, In.	6
Width, In.	2 $\frac{3}{4}$
Height, In.	3
Handle, In.	3 $\frac{3}{4}$
Wt. per Doz., Lbs.	14
Each	\$0.45

One End Rounded

Makes cut $\frac{1}{2}$ inch deep, $\frac{3}{8}$ inch wide.



No.	TB 109
Length, In.	6
Width, In.	3
Height, In.	3
Handle, In.	3 $\frac{3}{4}$
Wt. per Doz., Lbs.	17
Each	\$0.45

DRIVEWAY GROOVERS

Both Ends Rounded

Makes cut $\frac{1}{2}$ inch deep, $\frac{1}{2}$ inch wide.



No.	TB 104
Length, In.	6
Width, In.	3
Height, In.	2 $\frac{3}{4}$
Handle, In.	4
Wt. per Doz., Lbs.	15
Each	\$0.45

EDGERS

Both Ends Rounded

Nos.	TB 100	TB 102
Length, In.	6	6
Width, In.	2 $\frac{3}{4}$	2 $\frac{3}{4}$
Height, In.	3	3 $\frac{3}{4}$
Turned Edge		
Depth, In.	$\frac{5}{8}$	$\frac{7}{8}$
Radius, In.	$\frac{3}{8}$	$\frac{3}{4}$
Handle, In.	3 $\frac{3}{4}$	3 $\frac{3}{4}$
Wt. per Doz., Lbs.	14	18
Each	\$0.45	.49



Narrow—Both Ends Rounded

No.	TB 112
Length, In.	8
Width, In.	1 $\frac{3}{4}$
Height, In.	3 $\frac{1}{2}$
Turned Edge—	
Depth, In.	$\frac{5}{8}$
Radius, In.	$\frac{3}{8}$
Handle, In.	3 $\frac{3}{4}$
Wt. per Doz., Lbs.	15
Each	\$0.49



One-sixth dozen in a carton.

CEMENT EDGERS

MARSHALLTOWN—LIGHTWEIGHT, FINE QUALITY

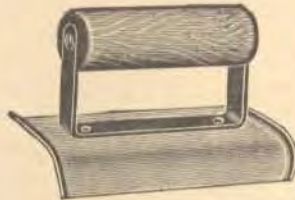
- Polished, strong steel blades with heavy flat steel handle mountings $\frac{3}{4}$ inch wide securely riveted—sturdy durable.
- Comfortable black ebonized wood handles mortised and screwed to mountings so that they cannot turn or come loose.

Straight Ends



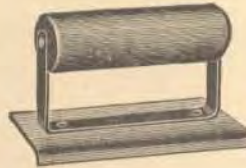
No.	TB 35
Length, In.	5
Width, In.	3
Radius, In.	$\frac{3}{8}$
Wt. per Doz., Lbs.	7 $\frac{1}{2}$
Each	\$0.59

Curved Ends



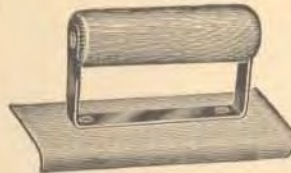
No.	TB 135
Length, In.	5
Width, In.	3
Radius, In.	$\frac{3}{8}$
Wt. per Doz., Lbs.	7 $\frac{1}{2}$
Each	\$0.59

Straight Ends



No.	TB 155
Length, In.	5
Width, In.	2 $\frac{3}{4}$
Radius, In.	$\frac{1}{4}$
Wt. per Doz., Lbs.	7 $\frac{1}{4}$
Each	\$0.59

One End Straight One End Curved



No.	TB 175
Length, In.	5
Width, In.	3
Radius, In.	$\frac{3}{8}$
Wt. per Doz., Lbs.	7 $\frac{1}{2}$
Each	\$0.59

One-half dozen in a carton.

CEMENT WORKERS' WOOD FLOATS

MARSHALL-TOWN

Hard—Durable



Tough, clear, thoroughly seasoned wood — smoothly finished. Comfortable wood handle

securely screwed on.
Length 12 inches, width 5 inches, thickness $\frac{3}{4}$ inch.

TB 44—Weight per dozen 13 lbs.....Each \$0.45

One-third dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

CHALK LINES



Illustrations Actual Size.

SOLID BRAIDED—Will Not Unravel or Sag

Pliable, soft white cotton lines—unusually strong and long wearing. Cannot untwist or unravel—braided solid with interlocking strands. When drawn taut will not stretch or sag. No splinters or coarse fibres to burn or scratch your hands. No knots or hard spots.

In Hanks of 48 Feet—12 Hanks Connected

Nos.	TB 3 1/2 S	TB 4 S	TB 4 1/2 S
Wt. per Doz. Hanks,			
Lbs.	1 1/2	3 1/2	4 1/4
Per Hank	\$0.23	.25	.29

One dozen hanks in a carton.

18 and 180



Illustration Actual Size.

PURE WHITE BLEACHED COTTON—Soft Laid

Soft, pliable, easily handled—but strong and sturdy—not easily frayed. No splinters, knots or hard spots.

Nos.	50-Foot Balls	100-Foot Balls
	TB 18	TY 180
Weight per Gross Balls, Lbs.	11.	20
Per Ball	\$0.08	.10



Illustration Actual Size.

UNBLEACHED WHITE COTTON—Soft Laid

Good quality, stout line—not easily frayed. Soft and pliable. No splinters, knots or hard spots.

Nos.	50-Foot Balls	100-Foot Balls
	TB 50	TB 100
Weight per Gross Balls, Lbs.	9 1/4	12 3/4
Per Ball	\$0.05	.10

One dozen balls in a carton.

MASONS' LINES

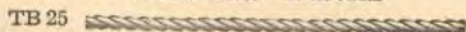


Illustration full size

YELLOW COTTON—HARD LAID

Good quality, stiff line—not easily frayed—limited stretch. Exceptionally long wearing.

In 100-foot hanks

TB 25—Weight per gross hanks 22 lbs.—Per Hank \$0.15

One dozen hanks in a box.

CARPENTERS' CHALK



Convenient Shape—Non-Crumbling
Fine quality chalk, round cone shaped for easiest handling. Does not crumble as it is used, but wears down smoothly, leaving clear, distinct markings.

TB W—White	3 for \$0.05
TB B—Blue	3 for .05
TB R—Red	3 for .05

One-half gross in a box—5 gross in a case.

Weight per case 45 lbs.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

UTILITY LINES



Illustration Full Size

Easily Handled—Strong Braided Line



Tightly braided long fibre white cotton—strong and extremely pliable. Easily looped and tied into secure knots. Will not stretch.

Soft—no splinters, knots or hard spots to burn or scratch your hands.

Excellent for use on awnings, springless window shades, tiller rope on boats, or clothes lines.

In Hanks of 50 Feet—12 Hanks Connected

TB UL50—Weight per dozen hanks 3 1/2 lbs. Per Hank \$0.29

One dozen hanks in a carton.

STENCIL SETS

REESE'S PATENT ADJUSTABLE

Carefully stamped from sheet brass for long-lasting, satisfactory performance. Letters and figures made with beaded lock on edge—easily joined together for forming any word, name or address. Conveniently taken apart and distributed.



Showing Assembly

Alphabet, 33 Pieces, Complete in Boxes

Consists of 26 letters, 1 beginner, 1 ender, 1 period, 1 apostrophe, 1 comma, 1 blank and 1 &.

Nos.	Per Set	Size Letters, Inches	Weight Per Set, Ounces
TB RA1	\$1.09	1	7
TB RA1 1/2	1.49	1 1/2	8

One set in a box.

Figures, 15 Pieces, Complete in Boxes

Consists of 1 figure each Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 0; \$ mark, 1 cent mark, 1 period, 1 beginner, 1 ender.

Nos.	Per Set	Size Letters, Inches	Weight Per Set, Ounces
TB RF1	\$0.59	1	3 1/2
TB RF1 1/2	.69	1 1/2	4

One set in a box.

STEEL FIGURES AND LETTERS

Forged from special tool steel. Tempered. Natural finish.

STEEL FIGURES IN SETS



Nos.	Per Set	Size, Inches	Wt. Per Set, Lbs.
TB 1/8 F	\$1.09	1/8	5/8
TB 3/16 F	1.49	3/16	3/4
TB 1/4 F	1.79	1/4	1 1/8
TB 1/2 F	2.95	1/2	3

One set complete in a wood box.

STEEL ALPHABETS IN SETS



Nos.	Per Set	Size, Inches	Wt. Per Set, Lbs.
TB 1/8 A	\$2.98	1/8	1 5/8
TB 3/16 A	4.25	3/16	2 1/4
TB 1/4 A	5.45	1/4	3 1/4

One set complete in a wood box.

PLUMBS AND LEVELS

ALUMINUM

Reversible—will plumb with either end up or level with either edge up.

SIMMONS



Better value than is now offered on any comparable merchandise on the market.

Plumb and level glasses accurately and solidly set into frame—covered with protective glass windows to keep out dust and dirt and reinforced by metal rings in openings. All glasses clearly marked to show crowning points.

Die-cast aluminum alloy. Precision milled edges. Black enameled beveled metal rings in openings.

Length 24 inches. Width 2 1/4 inches. Thickness 1 1/8 inch.

Four Plumb and Two Level Glasses

TB SA624—Weight each 1 5/8 lbs. Each \$2.19

One in a cellophane envelope; six in a carton.

Accurately machined and trued frame. Curved spirit glasses with crowning points clearly marked. Spirit glasses protected by glass covers.

SAND'S STAR—Strongly built

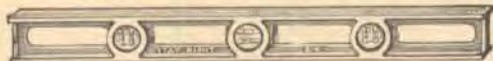


Cast aluminum frame. Square ends. Top, bottom and ends attractively enameled red. Width 2 inches. Thickness 3/4 inch.

Four Plumb and Two Level Glasses

Nos.	Each	Length, Inches	Weight Per Doz., Lbs.
TB 5024	\$1.98	24	21
TB 5028	2.49	28	24

MAYES' STAY-RIGHT—Economical



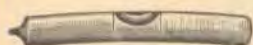
Cast aluminum frame. Top and bottom painted vermilion. Fully guaranteed by the maker. Width 2 1/4 inches.

Four Plumb and Two Level Glasses

Nos.	Each	Length, Inches	Thickness, Inches	Weight Per Doz., Lbs.
TB 12424	\$1.85	24	1	27
TB 12428	2.29	28	1 1/8	30

One in a carton.

LEVEL GLASSES



Proved level glasses ready for use in any standard make of level. Easily installed.

Nos.	Each	Length, Inches	Weight Per Dozen, Lbs.
TB 41 1/4	\$0.15	1 1/4	3 1/2
TB 41 1/2	.15	1 1/2	3 1/2
TB 41 3/4	.15	1 3/4	3 1/2
TB 42	.15	2	3 1/2
TB 42 1/2	.15	2 1/2	3 1/2
TB 43	.20	3	3 1/2
TB 43 1/2	.20	3 1/2	3 1/2
TB 4AS	....	1 3/4, 3, 3 1/2	3 1/2

One dozen in a carton.

WOOD

KEEN KUTTER

For Easy, Accurate Reading and Long Service

- Bubbles have cat's-eye effect, assure accurate, easy reading at all times—crowning points clearly marked.
- Warp-proof, one-piece best selected stocks with highly polished finish for added durability in all weather. Plumb and level glasses set solidly in frames—protected.
- Handy grooves on both sides give you a good grip on tool—less danger of dropping and breaking.



Simplex, Quick Adjustment

Cherry wood frame, mahogany stained. Cast brass tips and brass top plate. Side views.

Length 28 inches.

TB K328—Weight per dozen 44 lbs. Each \$2.85



Non-Adjustable

Cherry wood, mahogany stained. Brass top plate. Side views.

Nos.	Each	Length, Inches	Weight Per Doz., Lbs.
TB KO24	\$1.69	24	26
TB KO26	1.79	26	32
TB KO28	1.89	28	38
TB KO30	2.19	30	44



Non-Adjustable

Cherry wood, mahogany stained. Brass top plate. Side views.

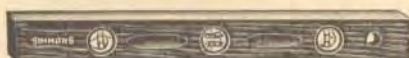
Length 18 inches.

TB K10418—Weight per dozen 21 lbs. Each \$1.35

One-half dozen in a case.

SIMMONS

Outstanding quality at a popular price.



Reversible — will plumb with either end up or level with either edge up.

Plumb and level glasses accurately and solidly set into frame—covered with protective glass windows to keep out dust and dirt and reinforced by metal rings in openings. All glasses clearly marked to show crowning points. Finger grooves on sides give you a firm hold.

Selected Northern white pine. Thoroughly seasoned—tough and durable. Distinctively finished in dark walnut with orange enameled beveled metal rings in openings.

Length 24 inches. Width 2 3/4 inches. Thickness 1 1/4 inches.

Two Plumb and Two Level Glasses

TB SW24—Weight each 1 1/4 lbs. Each \$1.19

One in a cellophane envelope; six in a carton.

SAND'S



One-piece white pine frame — covered with red, waterproof paint—will not warp. Spirit glasses wired at central or crowning points so that bubble can be quickly centered—covered with heavy glass which keeps out dust and dirt and makes them waterproof. Top sight. Double hand grips.

One Plumb and One Level Glass

Assorted Lengths 24 to 30 Inches

Width 2 1/2 inches. Thickness 1 1/4 inches.

TB 678—Weight per dozen 24 lbs. Each \$1.19

One-half dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

LEVELS HOUSEHOLD AND UTILITY



Good straight grained, thoroughly dried white pine—dependable and durable—stained dark walnut. Curved spirit glasses clearly marked to show crowning points and protected by sealing in with glass to keep out dust and dirt. Double hand grips. Hole for hanging. Length 24 inches. Width 2½ inches. Thickness 1¼ inches.

One Plumb and One Level Glass

TB 24—Weight per dozen 15 lbs. Each \$0.59

One in a carton—one dozen in a package.



One-piece California sugar pine, dark walnut stained finish, with openings neatly

beveled and enameled white. Glasses protected on both sides by heavy lenses, making them dirt and waterproof. Hole for hanging.

Length 18 inches. Width 2¼ inches. Thickness 1¼ inches.

One Plumb and One Level Glass

TB 225—Weight per dozen 10 lbs. Each \$0.39

One dozen in a carton.



Genuine California sugar pine, dark cherry finish. Cat's eye level glass with two stripes for easy reading—top view. Solid brass top plate secured by two brass escutcheon pins.

Length 12 inches. Width 1½ inches. Thickness 1½ inch.

One Level Glass

TB 900—Weight per dozen 4 lbs. Each \$0.10

Two dozen in a package.

TORPEDO LEVELS

POCKET TYPE

Convenient—Handy—Accurate and Durable

For use by carpenters, machinists, electricians, plumbers, millwrights, and others working in cramped and out-of-the-way places. Ideal for carrying in pocket.

SIMMONS



Sturdy aluminum alloy frame. Patented construction. Smooth, grooved finish for easy handling.

Three glasses—one level, one plumb and one 45°, all filled with plain fluid and clearly marked to show crowning points. Dead black finish with polished top plate. Length 8¼ inches. Width 1½ inches. Thickness ½-inch.

TB STA45—Weight each ¼-lb. Each \$1.10

One in a cellophane envelope. Six in a carton.



Open Type

Cast aluminum frame. One level glass with amber color fluid. Easy reading.

Length 5½ inches. Width 1½-inch. Thickness 1½-inch.

TB S625A—Weight each 1½ lbs. Each \$0.25

One dozen in a carton.

EMPIRE



Aluminum alloy frame. Patented construction. Grooved bottom. Three

glasses—one level, one plumb and one 45°, all filled with plain level fluid.

Length 8¼ inches. Width 1½ inches. Thickness ½-inch.

TB 27E—Weight per dozen 2½ lbs. Each \$1.10

One-half dozen in an attractive counter display box.

MACHINISTS' LEVELS

STANLEY

Extra Sensitive



Accurately milled and grooved bottom makes this level especially

practical for machinists, especially for leveling shaftings, pipes, etc.

Specially constructed light iron castings, milled and wet-ground to make absolutely parallel surfaces. Adjustable ground glasses. Extra long and large in diameter for sensitiveness and accuracy. "Eclipse" covers—an outer tube over the glasses—can be turned either to completely cover glasses or expose them for use.

Grooved Bottom

Nickel plated—Length 10 inches.

TB 34V10—Weight per dozen 16 lbs. Each \$4.45

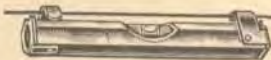
One in a carton.

LINE AND SURFACE LEVELS

SAND'S

Quick Acting, Easy Reading

• For contractors, carpenters, plumbers, machinists, road builders and others requiring an accurate level for surface and line leveling. It is easily and quickly attached to line. The reverse hook construction prevents accidental detachment. Straight, trued bottoms for surface leveling. Proved level glasses with "cat's eye" yellow fluid—easy to see and quick acting.



Sturdy hexagon shape, ¾-inch hard drawn aluminum tube with nickel silver end pieces and hooks riveted on. Will stand hard usage. Length 3¼ inches.

TB 555—Weight per dozen ½-lb. Each \$0.49

One in an individual carton; one dozen in a display box.



Durable two-piece aluminum frame with hooks turned out of sides. Sides securely fastened together.

Length 3 inches. Height ¾-inch. Width ½-inch.

TB 100SL—Weight per dozen ¾-lb. Each \$0.39

One in an individual box; one dozen in a carton.

POCKET LEVELS

STANLEY

Economical and Handy



Can be attached to any straight edge or carpenter's square. Proved glass. Japanned cast iron frame

with brass top plate. Steel set screws. Length 3¼ inches.

TB 41—Weight per dozen 1¾ lbs. Each \$0.35

One dozen in a carton.

*The Modern Kitchen is
Right up to the Minute
with a New **SIMMONS**
Wickless Oil Range.*

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

LEVEL ASSORTMENTS

EMPIRE



TB 12E

TY 666

TB 200

TY 156

TY 38

TB 151

TB 47

TY 600

Twelve Popular Levels With Free Rack

Each assortment complete with: Free metal rack which holds eight of the twelve levels, window transfer, gold letter sign and yellow and green streamers. With this advertising material you can build yourself a display that will attract widespread favorable attention. Assortment consists of two each Nos. TB 12, TY 666, TB 200 and TY 38 and one each of other numbers.

TB 100—Complete assortment. Weight each 18 lbs.

Packed one in a carton.

Proved, accurately set level glasses. Straight and true frames—distinctively finished.

Plumb and level. Pine frame, green lacquered finish. Aluminum top plate. Length 12 inches. Width 1 1/4 inches. Thickness 3/4 inch.

TB 12E—Weight each 1/3 lb. Each \$0.35

Six in a box.

Plumb and level. Solid American walnut frame, lacquered natural. Brass top plate. Length 16 inches. Width 2 inches. Thickness 3/8 inch.

TB 666—Weight each 3/4 lb. Each \$0.59

Plumb and level. Pine frame, red enameled finish. Aluminum top plate. Length 24 inches. Width 2 3/4 inches. Thickness 1 1/4 inches.

TB 200—Weight each 1 1/4 lbs. Each \$0.98

Exceptional Value.

Four plumb and two level glasses. Strong die-cast aluminum alloy frame with precision milled edges. Solid set glasses, covered by protecting windows. Paint eliminated from edges to maintain absolute accuracy. Black trim. Length 24 inches.

TY 156—Weight each 1 3/4 lbs. Each \$2.19

Two plumb and two level glasses. Pine frame, red enameled. Lacquered metal trim. Vial glasses set solid and carefully marked. Sight openings painted white and covered with protecting glasses. Double hand grips. Length 24 inches. Width 2 3/4 inches. Thickness 1 1/4 inches.

TB 38—Weight each 1 1/4 lbs. Each \$1.19

Two plumb, two level and two 45° glasses. Strong cast aluminum alloy frame with polished edges, precision machined parallel and straight. Interchangeable vials for quick repairs. Length 24 inches. Width 2 3/4 inches. Thickness 1 3/8 inches.

TB 151—Weight each 2 lbs. Each \$4.45

Four plumb and two level glasses. Finest American walnut frame, natural finish. Lacquered metal trim. Double hand grips. Length 28 inches.

TB 47—Weight each 2 lbs. Each \$2.49

Masons'—four plumb and two level glasses. Pine frame, red enameled with lacquered metal trim. High and low plumb readings. Double hand grips. Length 48 inches. Width 2 3/4 inches. Thickness 1 1/4 inches.

TB 600—Weight each 1 3/4 lbs. Each \$2.59

One in a box.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

PLUMBS AND LEVELS

MASON'S

SIMMONS

Better value than is now offered on any comparable merchandise now on the market.



Reversible—will plumb with either end up or level with either edge up . . . handy and convenient because tool is always in a position for easy reading.

• Plumb and level glasses accurately and solidly set into frame—covered with protective glass windows to keep out dust and dirt and reinforced by metal rings in openings. All glasses clearly marked to show crowning points. Finger grooves on sides give you a firm hold. Selected Northern white pine. Thoroughly seasoned—tough and durable. Distinctively finished in dark walnut with orange enameled beveled metal rings in openings.

Length 48 inches. Width 2 3/4 inches. Thickness 1 1/4 inches.

Four Plumb and Two Level Glasses

TB S48MW—Weight each 2 lbs. Each \$2.59

One in a cellophane envelope; six in a carton.

SAND'S

Convenient to Use, Accurate, Durable

One-piece warpproof frame of carefully selected, thoroughly air dried white pine. Levels accurately set. Handsome, red enameled finish.



• Reversible—will plumb with either end up or level with either edge up . . . handy and convenient because tool is always in a position for easy reading. Duplicate plumb glasses—one at top, one just below center and both reading same way—add to convenience. For low work, upper glass is used—for overhead work, lower glass is in range. Two hand holds for easy grip on tool. Length 48 inches. Width 3 inches. Thickness 1 3/8 inches.

Four Plumb and Two Level Glasses

TB 3A—Unbound. Weight per dozen 31 lbs. Each \$3.75

TB 7—Full brass bound for added durability. Weight per dozen 43 lbs. Each 5.75



Either edge can be used for level. Two side views, bob hole, one hand hold and scribe.

Length 48 inches. Width 3 1/2 inches. Thickness 1 3/8 inches.

Two Plumb and Two Center Level Glasses

TB 1A—Weight per dozen 36 lbs. Each \$2.95

Wrapped in oil paper. One-half dozen in a cardboard box.

EMPIRE



Sturdily Constructed—Accurate

Solid Honduras mahogany frame with natural finish waterproof varnish. The proved level and plumb glasses are glass covered to keep out dirt and moisture—black metal trimmings add to strength and attractiveness. Two handy grips and hole for hanging.

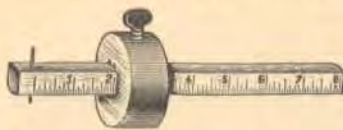
Length 48 inches. Width 2 3/4 inches. Thickness 1 1/4 inches.

Four Plumb and Two Level Glasses

TB 58E—Weight per dozen 32 lbs. Each \$4.85

One-half dozen in a case.

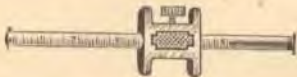
KEEN CUTTER MARKING GAUGES



Oval shape, plain finish, bar 8 inches long—graduated in inches and 16ths. Solid beechwood head. Brass shoe, steel thumb screw. Adjustable steel point.

TB K10—Weight per dozen 4 lbs.....Each \$0.35

One dozen in a carton.



STANLEY

Durable—Convenient

Nickel plated. Double-faced head carefully machined. Bar 6½ inches long—graduated in 16ths of an inch for five inches. Has roller cutter especially adapted for marking across the grain. Adjustable tempered points.

TB 97—Weight per dozen 6 lbs.....Each \$1.45

One in a carton.

BUTT GAUGES



STANLEY

For Quick, Accurate Measurements

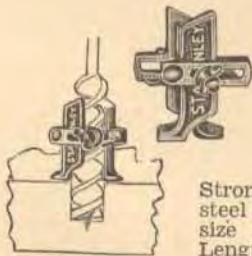
Two bars—one has two steel cutters so arranged that when cutter at outer end of bar is set

for gauging on edge of door, cutter on inner end is in position for gauging from back of jamb. Other bar has steel cutter to accurately gauge for thickness of butt. Sturdy nickel plated cast iron frame—steel bars and set screws—tempered steel points. Graduated for 2 inches. Length 3 inches.

TB 95—Weight per dozen 9 lbs.....Each \$1.95

One in a carton.

ADJUSTABLE BIT GAUGES



STANLEY

Stops Bit at Depth You Want—Without Breaking It

Stop on both sides of bit holds it upright when proper depth is reached. Permits boring any number of holes accurately to same depth.

Strong nickel plated cast iron frame—steel set screws. Adjustable to fit any size bit up to 1 inch in diameter. Length 2½ inches.

TB 49—Weight per dozen 4½ lbs.....Each \$0.95

One in a carton.

SHINGLE GAUGES



When attached to a hatchet blade it affords a convenient means of measuring or gauging lap of shingles, etc. Suitable for use with all thin blade shingling hatchets.

Polished steel ¾-inch in diameter, ⅞-inch thick—with slot ⅜-inch wide and ½-inch deep. Slotted round head set screw.

TB 40—Weight per dozen ¼ lb.....Each \$0.19

One dozen in a carton.

SLIDING T BEVELS



Smooth-operating locking device holds blade at desired angle. Blued finish steel blade—attractive, durable. Natural finish rosewood handle—brass-plated tips. Blued steel joint screw. Brass-plated lever nut.

Nos.	Each	Length Blade, Inches	Wt. Per Doz., Lbs.
TB 4256	\$0.55	6	2½
TB 4258	.59	8	3¼
TB 42510	.69	10	4¼

One-half dozen in a carton.

COMBINATION SQUARES

• Especially handy for carpenters and other craftsmen.

SIMMONS LEADER

With Level and Scriber



Good quality at a low price. Well built to provide reliable performance.

Bright finish steel blade 12 inches long. Graduated on edges of both

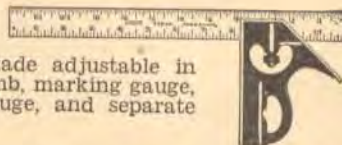
sides—one side in 2ths, the other in 16ths inch. Enameled steel head with square and mitre faces slides in groove of face and can be secured by thumb nut. Head is removable so blade can be used separately.

TB SS4—Weight each 13 ozs.

Std. List, Each \$0.99.....Each \$0.99

LUFKIN'S UNIVERSAL TRY AND MITRE—WITH LEVEL

• Combines in one tool a try and mitre square with blade adjustable in length. Has level, plumb, marking gauge, height and depth gauge, and separate rule.



High quality steel blade, clearly marked on both edges of both sides, one side in eighths, other side in sixteenths. Enameled steel head with square and mitre faces, slides smoothly in groove of blade and can be firmly secured at any point along blade with easy-acting thumb nut. Head is removable so blade may be used separately.

Accurate Level Fitted in Head

Nos.	Per Dozen	Length Blade, Inches	Width, Inches	Wt. Per Dozen, Lbs.
TB 65L9	\$1.79	9	1	9
TB 65L12	1.98	12	1	13½

PIONEER—WITH LEVEL



Popular - priced. Precision - built to give smooth action... long, satisfactory service. Excellent depth and marking gauge. Accurate

level in head.

Steel blade 12 inches long, 1 inch wide. Graduated on both sides in 8ths and 16ths inch. Large, clear figures and lines. Head 4 inches long. Red enameled head or stock may be secured at any point on blade by knurled head screw. Removable blade.

TB P12—Weight per dozen 11 lbs.....Each \$0.98

One in a carton.

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STEEL SQUARES

KEEN KUTTER

- One-piece, weldless, highest grade tool steel. Hardened corners. Easy to read—accurately cut figures and lines are filled with white enamel . . . can be read without difficulty even where light is poor.

FRAMING

Dark fire blue and lacquered finish prevents blinding effect of light.

Assorted tongues 16 and 18 inches long, 1½ inches wide. Body 24 inches long, 2 inches wide.

Graduated in 1, ½, ¼, ⅛, 1/16 and 1/32 inch, with Board and Brace measures.

TB KF3—Weight per dozen

30 lbs. Each \$1.89

Graduated in 1, ½, ¼, ⅛, 1/16, 1/32, 1/64 and 1/128 inch, with hundredth scale and Brace, octagon and Essex Board measures.

TB KF100—Weight per dozen

30 lbs. Each \$2.19

FRAMING

Fine Coppered Finish

Assorted tongues 16 and 18 inches long, 1½ inches wide. Body 24 inches long, 2 inches wide.

Graduated in 1, ½, ¼, 1/16 and 1/32 inch, with Board and Brace measures.

TB KC3—Weight per dozen

30 lbs. Each \$2.19

Graduated in 1, ½, ¼, ⅛, 1/16, 1/32, 1/64 and 1/128 inch, with hundredth scale and Brace, octagon and Essex Board measures.

TB KC100—Weight per dozen

30 lbs. Each \$2.19

FRAMING

Dark fire blue and lacquered finish prevents blinding effect of light.

Tongue 12 inches long, 1 inch wide. Body 18 inches long, 1½ inches wide. Graduated in 1, ½, ¼, ⅛, 1/16 and 1/32 inch with Board and Brace measures.

TB K18—Weight per dozen

15 lbs. Each \$1.69

One-quarter dozen in a carton.

Illustrated pamphlet, describing use, accompanies each square.

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SIMMONS LEADER

STANDARD—FRAMING

Flat steel, polished. Distinct figures are easy to read. Provides accurate measurements.

Tongue 16 inches long, 1½ inches wide. Body 24 inches long, 2 inches wide.

Graduated in ⅛ and ¼ inch with board and brace measures.

TB SS2—Weight per carton (3) 7¾ lbs.

Std. List, Each \$1.10. Each \$1.10

Three in a carton.

KLICHER

- One-piece weldless polished steel for long, satisfactory service. Clear, distinct markings are easily read. Accurate, reliable graduations.

Tongue 16 inches long, 1½ inches wide. Body 24 inches long, 2 inches wide. Graduated in 1, ½, ¼ and ⅛ inch, with Essex Board measures.

TB 14K—Weight per dozen

29 lbs. Each \$1.29

EAGLE FRAMING

One-piece, weldless, polished steel. Clear, plain cut markings.

Assorted tongues 16 and 18 inches long, 1½ inches wide. Body 24 inches long, 2 inches wide. Graduated in 1, ½, ¼, ⅛, 1/16 and 1/32 inch, with Board and Brace measures.

TB F3—Weight per dozen

30 lbs. Each \$1.59

Accurate and serviceable, cold rolled steel. Figures and graduations stamped.

Tongue 16 inches long, 1½ inches wide. Body 24 inches long, 2 inches wide. Graduated in 1, ½, ¼ and ⅛ inch, with Essex Board measures.

TB 414—Weight per dozen

29 lbs. Each \$0.98

One-quarter dozen in a carton.

STEEL SQUARES



SIMMONS LEADER STANDARD

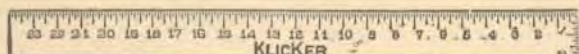
Flat steel, polished. Distinct figures are easy to read. Provides accurate measurements.
Tongue 12 inches long, 1½ inches wide.
Body 24 inches long, 2 inches wide.

Graduated in ⅛ and ¼ inch scales on both sides.

TB SS1—Weight per carton (3) 5½ lbs.

Std. List, Each \$0.59.....Each \$0.59

FOR HOUSEHOLD USE



KLICHER

Steel blade, not tempered. Clear-cut markings.
Tongue 12 inches long, 1½ inches wide. Body
24 inches long, 2 inches wide. Graduated in
1, ½, ¼ and ⅛ inch on both sides.

TY 800K—Weight per dozen

21 lbs.Each \$0.69

One-half dozen in a carton.

A remarkably
low-priced, long-
service square.



One-piece steel. Bright finish. Clear markings.
Size 7x12 inches. Body and tongue 1 inch wide.
Graduated in inches and 16ths.

TB 127—Weight per dozen

4¼ lbs.Each \$0.10

One dozen in a carton.

Illustrated pamphlet, describing use, accompanies each
square.

Heat Your Home With a

SIMMONS

CIRCULATING OIL HEATER

Clean, Easy to Tend,

Economical to Operate.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

TRY SQUARES

SIMMONS LEADER

Good quality at a low price.



Blued steel blade—withstands
hard usage. Graduated in inches
and 8ths inch.

Accurately graduated markings
easily read.

Rosewood handle. Brass trim.

Handle securely riveted to
blade. Blade 7½ inches long

TB SS3—Weight per carton (3) 1¼ lbs.

Std. List, Each \$0.59.....Each \$0.59

Three in a carton.



Blued finish steel blade—long-
wearing. Graduated in inches
and 8ths inch. Stamped fig-
ures and lines are easy to
read.

Natural finish rosewood handle—brass plate se-
curely fastened to inside edge with brass-plated
screw. Handle riveted through blade with three
iron rivets.

Nos.	Each	Length Blade, Blade, Handle, Inches Inches Inches	Width Inches	Length Inches	Wt. Per Doz., Lbs.
TB 426	\$0.59	6	1⅞	4½	4¼
TB 427½	.65	7½	1½	5½	5¾

One-half dozen in a carton.

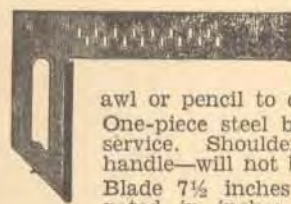
TRY AND MITRE SQUARES



Blued steel blade. Graduated in
inches and 8ths inch. Figures
and lines stamped plainly. Nat-
ural finish rosewood handle—has

brass plate on beveled portion of both sides and
on inside edge, fastened with brass-plated screws.
Handle riveted through blade with three iron
rivets.

Nos.	Each	Length Blade, Blade, Handle, Inches Inches Inches	Width Inches	Length Inches	Wt. Per Doz., Lbs.
TB 4026	\$0.79	6	1⅞	4½	4¼
TB 4027½	.89	7½	1½	5½	5¾



With Scribing Blade

Blade has slots spaced ¼ inch
apart—user may easily insert
awl or pencil to draw straight line.

One-piece steel blade and handle—long-lasting
service. Shoulder firmly riveted to inside of
handle—will not become loose.

Blade 7½ inches long, 1¼ inches wide, grad-
uated in inches and 8ths inch. Handle 3¼
inches long.

TB 64—Weight per dozen 3¼ lbs.....Each \$0.15

One dozen in a carton.



KLICHER

Polished steel blade—durable,
unbreakable.

Blade 7½ inches long, 1¼ inches wide, grad-
uated in inches and 8ths inch. Handle 3¼
inches long. Steel shoulder securely riveted on
handle.

TB 62K—Weight per dozen 6 lbs.....Each \$0.10

One dozen in a carton.

KEEN KUTTER BOXWOOD RULES

- **Long-lasting construction.** Made of selected finest quality boxwood, thoroughly seasoned . . . finely finished. Polished brass trimmings.
- **Easy reading.** Clear-cut Gothic figures and distinct lines in black. Accurately graduated on both sides.



Two-foot, four-fold; full bound; 1 inch wide folded.

Square joint. Graduated in 8ths, 10ths, 12ths and 16ths inch.

16ths inch, and drafting scales. A most durable, practical and popular rule.

TB K620—Weight per dozen 2¼ lbs. Each \$1.10



Two-foot, four-fold; unbound; 1 inch wide folded.

Square joint. Middle plates. Graduated in 8ths and 16ths inch.

TB K610—Weight per dozen 1½ lbs. Each \$0.49

One-half dozen in a carton.



Two-foot, four-fold; unbound; 1 inch wide folded.

Round joint. Middle plates. Heavy black figures. Graduated in 8ths and 16ths inch.

TB K680—Weight per dozen 1½ lbs. Each \$0.19

One dozen in a carton.



Three-foot, four-fold; unbound; 1 inch wide folded.

Arch joint. Middle plates. Graduated in 8ths and 16ths inch.

TB K660½—Weight per dozen 2 lbs. Each \$0.69

One-half dozen in a carton.

- **Distinctive feature.** A small rivet with countersunk center is inserted at 1-inch mark . . . for convenience in setting compass and divider. One point of compass or divider may be placed in center—other point extended desired distance on rule. This major feature (on all except K680) insures absolute accuracy in setting compass or divider—prevents marring rule.

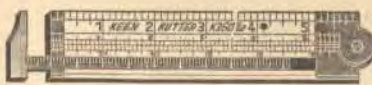
CALIPER



One-foot, two-fold; unbound; 1 inch wide folded.

Arch joint. Edge plates. Both rule and caliper graduated in 8ths, 10ths, 12ths and 16ths inch.

TB K320—Weight per dozen 1¼ lbs. Each \$1.10



One-foot, two-fold; unbound; 1 inch wide folded.

Square joint. Both rule and caliper graduated in 8ths, 10ths, 12ths and 16ths inch.

TB K360½—Weight per dozen 1¾ lb. Each \$1.00



Six-inch, two-fold; unbound; 7/8 inch wide folded.

Square joint. Both rule and caliper graduated in 8ths 10ths 12ths and 16ths inch.

TB K360—Weight per dozen 1 lb. Each \$0.75

One-half dozen in a carton.

STANLEY

Selected boxwood. Polished brass trimmings. Black lines and figures. Graduations on both sides.



Three-foot, four-fold; 1 inch wide folded.

Arch joint. Middle plates. Graduated in inches, 8ths and 16ths inch.

TB 66½—Weight per dozen 2 lbs. Each \$0.65

One-half dozen in a carton.



Two-foot, four-fold; 1 inch wide folded.

Round joint. Middle plates. Graduated in

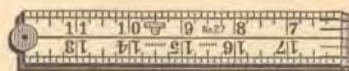
inches, 8ths and 16ths inch.

TR 68—Weight per dozen 1½ lbs. Each \$0.15

One dozen in a carton.

STANLEY

Two-foot, four-fold; 1 inch wide folded.

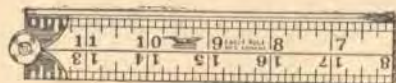


Brass joints and tips. Round joint. Middle plates. Black figures and lines. Graduated on both sides in inches, 8ths and 16ths inch.

TR 27—Weight per dozen 1½ lbs. Each \$0.10

EAGLE

A well-constructed rule at a remarkably low price.



Two-foot, four-fold; 1 inch wide folded.

Smoothly finished white maple. Lacquered plain steel arch joints and middle plates. Graduated in inches, 8ths and 16ths inch.

TY 22S—Weight per dozen 1½ lbs. Each \$0.10

One dozen in a carton.

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FOLDING RULES

KEEN KUTTER

- Finest grade flexible selected hardwood, beautifully enameled.
- Large, clear-cut black figures and lines—easy to read.
- Wear plates fastened to flat surface of each section, prevent wearing away figures and lines with opening or closing rule.
- Stiff springs at joints—open rule always rigid.



OUTSIDE MARKING

Solid spring brass lock joints hold rule rigid for accurate gauging.

Solid brass side plates and wear plates. Graduated in inches and 16ths inch, both edges, both sides. Length folded 7 7/8 inches, width 5/8 inch.

6-Foot—12-Fold
White Enameled

TB K406—Weight per dozen 3 lbs. Each \$0.59



INSIDE MARKING

Permits laying rule flat on the work. Concealed steel rivets. Steel joints. Brass tips. Length folded 7 7/8 inches.

Graduated in inches and 16th inch. inches. Width 5/8 inch.

6-Foot—12-Fold
White Enameled

TB K506—Weight per dozen 3 lbs. Each \$0.59

SIMMONS SPECIAL

- Large, distinct plain black figures. Strong, stiff spring joints.



INSIDE MARKING

Permits laying rule flat on the work.

Flexible selected hardwood. Graduated in inches and 16ths inch. Length folded 7 7/8 inches. Width 5/8 inch.

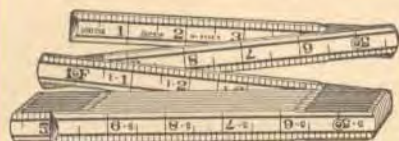
es and 16ths inch. Length folded 7 7/8 inches. Width 5/8 inch.

6-Foot—12-Fold
White Enameled—Orange Colored Ends

TB S29IS—Weight per dozen 3 lbs. Each \$0.39

LUFKIN

For Engineers, Surveyors and Road Builders



Flexible hardwood. Patented lock joints. Brass plated mountings. Black figures and lines.

Graduated in feet, inches, 8ths and 16ths inch on outside; feet, 10ths and 100ths of foot on inside. (Foot numbers in red, repeated at each 10th and each inch.) Length folded 7 7/8 inches. Width 5/8 inch.

6-Foot—12-Fold
White Enameled

TB 9626D—Weight per dozen 3 lbs. Each \$0.50

One-half dozen in a carton.

LUFKIN



OUTSIDE MARKING ALUMINUM

Special hard aluminum—rust-proof. Solid brass spring joints.

riveted type. Figures and lines sunk and filled black. Graduated in inches and 16ths inch on both sides. Length folded 7 7/8 inches. Width 1 1/8 inch.

6-Foot—12-Fold

Natural Aluminum Finish

TY 1206—Weight per dozen 4 lbs. Each \$1.10

One-quarter dozen in a carton.



EXTENSION INSIDE AND REGULAR MEASUREMENTS

- Ideal for taking inside measurements of openings. Rule is more rigid than ordinary types. Patented lock in joints reduce the play. Six-inch graduated slide fitted in first section—runs in T slot. Stop at each end prevents slide being lost. Strike plates on both sides of each section prevent wear on markings in opening and closing. Extra-weight sections.

Selected hard maple. Black figures and lines. Brass slide and strike plates. Brass end caps, flush inlaid and riveted. Secure, smooth-working brass-plated spring joints, riveted.

Graduated in inches and 16ths inch both sides. Extension slide graduated in inches and 16ths inch. Length folded 8 inches. Width 5/8 inch.

6-Foot—12-Fold

Natural Maple Finish

TB X46—Weight per dozen 4 1/2 lbs. Each \$1.00



RED END

- Patented concealed lock joints hold rule rigid for accurate gauging. Clear black figures and lines.

Finest grade flexible hardwood with durable enamel finish and red ends. Solid brass mountings. Brass capped ends. Brass strike plates between joints prevent wear on markings.

OUTSIDE MARKING

Graduated in inches and 16ths inch, both edges of both sides. Length folded 7 7/8 inches. Width 5/8 inch.

6-Foot—12-Fold

TB 056—Cream enameled Each \$0.59

TB 066—White enameled Each .59

Weight per dozen 3 1/2 lbs.



INSIDE MARKING

Permits laying rule flat on the work.

Graduated in inches and 16ths inch, both edges of both sides. Numbering begins on inside face. Length folded 7 7/8 inches. Width 5/8 inch.

6-Foot—12-Fold

White Enameled

TB 066F—Weight per dozen 3 1/2 lbs. Each \$0.59

One-half dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

FOLDING RULES

STANLEY

Stiff springs at joints hold rule rigid when open. Rivet passes completely through joints. Clear black figures and lines—easy to read.



DUPLEX Vertical- Reading GREEN END

This rule can be read with equal ease in any position. The vertical figures enable

user to read it up or down, right or left without reversing or turning it over. The graduations on both edges of rule assure more accurate and convenient measuring and checking.

Stiff springs at joints hold rule rigid when open. Rivet passes completely through joints. Clear black figures and lines—easy to read.

Selected straight grain rock maple. Stainless, rust-proof concealed joints, tips and strike plates.

Graduated in inches and 16ths inch. Length folded 7 $\frac{1}{2}$ inches. Width $\frac{5}{8}$ -inch.

6-Foot—12-Fold—White Enameled

TB 266—Weight per dozen 3 lbs. Each \$0.65



OUTSIDE MARKING GREEN END

Stiff springs at joints hold rule rigid when open. Rivet passes completely through joints. Clear black figures and lines—easy to read.

Flexible hardwood. Stainless, rust-proof concealed joints, tips and strike plates.

Graduated in inches and 16ths inch. Length folded 7 $\frac{1}{2}$ inches. Width $\frac{5}{8}$ -inch.

6-Foot—12-Fold—White Enameled

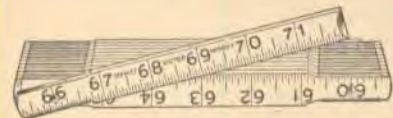
TB 106Z—Weight per dozen 3 lbs. Each \$0.65

STANLEY VICTOR

Flexible hardwood. Brass plated steel joints and tips.

Stiff springs at joints hold rule rigid when open. Rivet passes completely through joints. Clear black figures and lines—easy to read.

Graduated in inches and 16ths inch both sides of lower edge. Length folded 7 $\frac{1}{2}$ inches. Width $\frac{5}{8}$ -inch.



INSIDE MARKING

Permits laying rule flat on the work.

6-Foot—12-Fold—White Enameled

TB 856F—Weight per dozen 3 lbs. Each \$0.49



OUTSIDE MARKING

6-Foot—12-Fold

TB 806—Yellow enameled Each \$0.45

TB 856—White enameled Each .49

Weight per dozen 3 lbs.

One-half dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

FOLDING RULES

LUFKIN



SPRING JOINT

• Small but sturdy folding brass hook fitted to first joint

—may be opened for taking measurements beyond arm's reach . . . or any other measurements. Hook remains flush with edge of rule when not in use.

Flexible hardwood. Black figures and lines. Brass joints, tips and hook. Rivets pass completely through joints. Stiff springs at joints hold rule rigid when open.

Graduated in inches and 16ths inch on both sides. Length folded 7 $\frac{1}{2}$ inches. Width $\frac{5}{8}$ inch.

6-Foot—12-Fold

Cream Enameled

TB H8526—Weight per dozen 3 lbs. Each \$0.49

One-half dozen in a carton.



GOOD QUALITY FLEXIBLE HARDWOOD

Black figures and lines. Steel joints and brass tips.

Graduated in inches and 16ths inch. Length folded 7 $\frac{1}{2}$ inches. Width $\frac{5}{8}$ -inch.

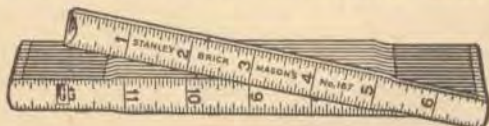
6-Foot—12-Fold

TY 96—White enameled Each \$0.19

TB 450—Yellow enameled Each .19

One dozen in a carton.

BRICK MASON'S SPACING RULES



STANLEY FOLDING

One side of this rule provides a compact, accurate and convenient means for gauging the space of brick courses evenly in a given height to insure uniform thickness of mortar. The figures on this side are 1, 2, 3, etc., indicating different spacing scales of which there are 10 in all. This side does away with course sticks and is a time-saver in laying out story pole.

The other side is graduated in the customary way—inches, 8ths, and 16ths, for regular work. The numerals are vertical instead of horizontal.

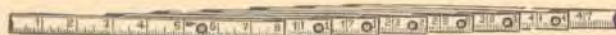
Flexible hardwood. Black, clean cut and accurate figures and graduations. Rustproof and stainless solid nickel silver concealed joints, tips and strike plates. Length folded 7 $\frac{1}{2}$ inches. Width $\frac{5}{8}$ inch.

WHITE ENAMELED—Green Ends

6-Foot—12-Fold

TB 167—Weight per dozen 3 lbs. Each \$0.60

One-half dozen in a carton, with complete directions packed with each rule.



ENAMELED YELLOW

Designed principally for taking inside measurements of doors, windows, boilers, furnaces and similar objects, with minimum effort.

Joints 8 inches long. Lower joint so marked that when a space of more than 8 inches is to be measured, to get exact measurement merely pull out lower joint. Example: if lower joint is pulled out 2½ inches, measurement is 10½ inches.

Select boxwood rule ½ inch wide. Brass plated tips. Concealed steel springs hold rule rigid when opened. Top side of rule marked for inside measurements. Reverse side graduated in inches, 8ths and 16ths, same as ordinary rules.

Six Feet—12 Slides

TB 16—Weight per dozen 2 lbs. Each \$1.25

One-half dozen in a carton.

LUFKIN LOG RULES



Finest selected hickory. Clear figures burned in. Tempered and polished steel heads brazed to brass shoulders attached to rule with heavy rivets.

Square head 1½ inches wide. Combined Doyle and Scribner scale, 3 tier.

Figured 36 inches. Measures lengths 8 to 20 feet.

Length over all 42 inches.

TB 2500—Weight per dozen 12 lbs. Each \$3.75

Packing—bulk.

The combined Doyle and Scribner scale log rule uses Doyle figures up to 28-inch diameter, and Scribner figures from 29 inches upward.

LUFKIN FOLDING LOG RULES



For scaling logs and common measuring.

Cream color enameled hardwood rule 4 feet long. Folds in 6-

inch sections ¾ inch wide. Brass-plated mountings. Concealed spring joints hold rule rigid when opened. End fitted with folding metal hook.

Doyle log scale. Marked outside for 10- and 18-foot logs— inches to 16ths on lower edge. Marked inside for 12-, 14- and 16-foot logs.

TB 524—Weight per dozen 2 lbs. Each \$0.50

One-half dozen in a carton.

LUFKIN YARD STICKS



Selected, polished maple rule 1x¼ inches. Clear black figures and lines. Brass capped. Graduated in inches and 8ths on one side and fractions of a yard on other. Marked both sides reading from same end.

TB 41—Weight per dozen 3 lbs. Each \$0.60

One dozen in a package.

* Goods marked thus (*) are not carried in stock and can only be furnished by shipment direct from factory. Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

OIL GAUGERS

LUFKIN

Designed especially for tank gauging. Bob weighs 20 ounces, capable of penetrating heavy oils—assures true measurement of depth.



Nickel-plated and polished metal frame and trimmings. Polished hardwood handle. Folding winding handle. Dull black Nubian finished steel tape is 50% heavier than standard weight gauging tapes. Bright markings on one side only. "Instantaneous" reading (last preceding foot number repeated at each inch after first foot). Graduated in feet, inches and 8ths inch. Tape ¾ inch wide. Long winding handle and over-size drum provide speed and leverage in winding. Frame 8½ inches long. Rust-proof plumb bob accurately turned from solid brass—nickel plated and polished over heavy plating of electro copper. Sharp point, carefully hardened—accurately adjusted to hang perfectly true. Easy-action snap riveted to end of tape line—bob quickly detached when not in use. Diameter of bob 1 inch, length 6¼ inches.

Nos.	Each	Length Tape Line, Feet	Weight Each, Lbs.
*TB 280590	\$ 9.00	25	2¼
*TB 281590	10.25	33	2¾
*TB 283590	12.00	50	2½

One in a carton.

Polly-Prim

OIL STOVE WICKS

BURN EVENLY

and

LAST A LONG TIME.

They Are

Easy to Regulate

Because They Are

Precision Made

and

Fit Perfectly

TAPE LINES

- Easy to read—large, distinct figures and accurate graduations.
- Compact, durable case protects tape from dust and is conveniently carried.
- Handy loop at end of tape may be held or attached for easy measuring.

KLICHER WOVEN TAPE



Fine blue enameled steel case. Brass ribbed edge band, folding winding handle, and mountings. Heavy warp oil-finished cotton tape $\frac{1}{2}$ inch wide. Black figures and lines easy to read. Graduated in feet, inches and $\frac{1}{4}$ inches.

Nos.	Each	Length Diam.		
		Tape, Ft.	Case, Ins.	Wt. Per Doz., Lbs.
TB 2040K	\$0.49	25	2 $\frac{3}{4}$	3
TB 2043K	.65	50	3 $\frac{1}{2}$	4 $\frac{1}{2}$
TB 2045K	1.00	75	4 $\frac{1}{2}$	6
TY 2047K	1.19	100	4 $\frac{3}{4}$	7

One-half dozen in a carton.

LUFKIN—CHESTERMAN PATTERN "METALLIC" TAPE



"Instantaneous" reading—last preceding foot number repeated at each inch after first foot.

Russet leather case. Extra-heavy brass folding winding handle and mountings. Enameled linen tape $\frac{1}{2}$ inch wide with eight strands of fine brass wire interwoven lengthwise through the entire length. Tip end has leather reinforcement. Black figures and

lines. Graduated in feet, inches and $\frac{1}{2}$ inches on one side only.

Nos.	Each	Length Diam.		
		Tape, Ft.	Case, Ins.	Wt. Per Doz., Lbs.
TB 503	\$5.75	50	4 $\frac{1}{4}$	12
*TB 505	7.50	75	5	14
*TB 506	8.75	100	5 $\frac{1}{2}$	18

One in a carton.

ROE—QUICK READING STEEL TAPE



"Quick" reading—last preceding foot number repeated at each inch after first foot.

Strong steel case covered with durable, attractive leatherette. Folding flush handle opened by pressing button on opposite side of case. Nickel-plated handle and mountings. High quality steel tape $\frac{3}{8}$ inch wide. Graduated in feet, inches and 8th inch, on one side only.

Nos.	Each	Length Diam.		
		Tape, Ft.	Case, Ins.	Wt. Per Doz., Lbs.
TY RL50	\$2.49	50	2 $\frac{3}{8}$	9
TY RL100	3.89	100	4 $\frac{3}{8}$	16 $\frac{1}{2}$

One in a carton

LUFKIN STEEL TAPE

CHALLENGE—SURVEYORS' TYPE



"Instantaneous" reading—last preceding foot number repeated at each 10th of foot. Folding flush winding handle opened by pressing pin on opposite side. Measurements guaranteed accurate. Standard weight tape.

Metal lined russet leather case. Extra heavy nickel-plated brass handle and mountings. High quality steel tape $\frac{3}{8}$ inch wide. Dull black "Nubian" finish, with bright markings. Graduated in feet, 10ths and 100ths of foot on one side only.

Nos.	Each	Length Diam.		
		Tape, Ft.	Case, Ins.	Wt. Per Doz., Lbs.
*TB 263D	\$7.00	50	3 $\frac{1}{8}$	8
*TB 265D	9.00	75	4 $\frac{1}{4}$	12
*TB 266D	12.00	100	4 $\frac{1}{2}$	15

One-half dozen in a carton.

BANNER



"Instantaneous" reading—last preceding foot number repeated at each inch after first foot. Folding flush winding handle opened by pressing pin on opposite side. Measurements guaranteed accurate. Standard weight tape.

Steel case covered with hand-some mottled black auto leather. Heavy nickel-plated handle and mountings.

Extra high quality steel tape $\frac{3}{8}$ inch wide. Dull black "Nubian" finish, with light markings. Graduated in feet, inches and 8ths inch, on one side only.

Nos.	Each	Length Diam.		
		Tape, Ft.	Case, Ins.	Wt. Per Doz., Lbs.
TB 553	\$5.50	50	3 $\frac{1}{4}$	9 $\frac{1}{4}$
TB 556	9.00	100	4 $\frac{1}{2}$	16

One in a carton.

UNIVERSAL



"Instantaneous" reading—last preceding foot number repeated at each inch after first foot. Folding flush winding handle opened by pressing pin on opposite side. Measurements guaranteed accurate. Standard weight tape.

Metal-lined case with mottled tan imitation leather cover, nickel plated, $\frac{1}{8}$ inch wide edge band, handle and mountings.

High quality steel tape $\frac{3}{8}$ inch wide. Dull black "Nubian" finish, with bright markings. Graduated in feet, inches and 8ths inch.

Nos.	Each	Length Diam.		
		Tape, Ft.	Case, Ins.	Wt. Per Doz., Lbs.
TY 540	\$2.98	25	2 $\frac{3}{4}$	4 $\frac{1}{2}$
TY 543	3.29	50	3 $\frac{1}{4}$	7 $\frac{3}{4}$
TY 545	4.49	75	4 $\frac{1}{4}$	11 $\frac{1}{4}$
TY 546	5.29	100	4 $\frac{1}{2}$	13

One in a carton.

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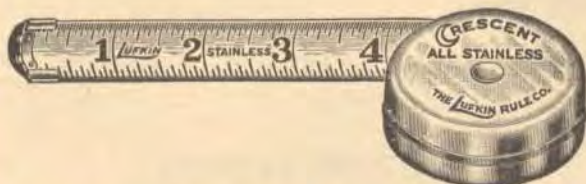
FLEXIBLE-RIGID STEEL TAPE RULES

- **Combination rule and tape**—flexible to measure uneven objects or stiff like a rule.
- **Smooth action.** Blade remains set at any length withdrawn and will not spring back into case (except where indicated).

LUFKIN "CRESCENT"

Automatic Wind

Stainless Steel Case and Rule—Rust and Corrosion Proof



- **Blade always under full control**—ratchet stop holds it any length manually pulled out; automatically returned by pressing center push button.
- **Sliding end hook**—when pushed back, hook serves as gauge, indicating and holding measurement; blade may be inserted into a narrower opening than hook would enter.
- **Case, diameter 2 inches,** has ribbed bottom and will stand on edge so blade can lie flat on object being measured.
- **Six-foot rule** $\frac{5}{8}$ inch wide. Graduated in inches to 16ths inch.

TB 696S—Weight per dozen 4 lbs.....Each \$2.95

"MEZURALL"

Nickel-Plated Steel Case and Rule



- A compact, light and practical all-purpose tape rule for taking inside, outside, height and depth. Flexible and rigid measurement.
- Manually operated.
- End hook has short sliding action.
- Nickel-plated steel case 2 inches wide, $\frac{1}{8}$ inch thick.
- **Six-foot rule** $\frac{1}{2}$ inch wide. Graduated in inches to 16ths inch on both edges—first 6 inches of upper edge graduated to 32nds inch.

TB 926—Weight per dozen 2 $\frac{3}{4}$ lbs.....Each \$1.25

One in a box. One-half dozen in a carton.

The
KEEN KUTTER

Name on
TOOLS
Means the **FINEST QUALITY**
Offered
ANYWHERE

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

- **All-around use.** Ideal for any kind of measuring. Handy pocket size.
- **Convenient measuring.** Large, clear figures—easy to read. Useful hook on end of blade for accurate hook and butt-end measuring.

SOLID END HOOK



STANLEY

- "Pull-push" blade control action is simple and durable.
- Solid end hook.
- Nickel-plated steel case—diameter 2 inches.
- **Six-foot rule** $\frac{1}{2}$ inch wide, made of polished and tempered spring steel. Clear lacquer protects finish. Graduated in inches to 16ths inch on both edges—first 6 inches of upper edge graduated to 32nds inch.

TB 1266A—Weight per dozen 1 $\frac{1}{4}$ lbs.....Each \$0.85



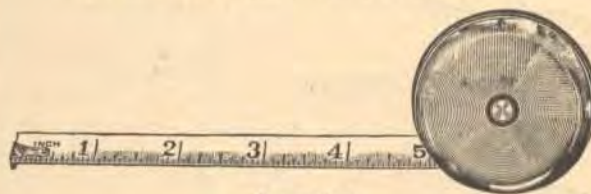
"WIZARD JUNIOR"

Nickel-Plated Steel Case and Rule

- Manually operated.
- Solid end hook.
- Nickel-plated metal case approximately 2 inches in diameter with rounded corners. Case has ribbed bottom and will stand on edge so blade can lie flat on object being measured.
- **Six-foot rule** $\frac{1}{2}$ inch wide, made of polished and tempered steel. Graduated in inches to 16ths inch on both edges—first 6 inches of upper edge graduated to 32nds inch.

TY 1636—Weight per dozen 2 $\frac{1}{4}$ lbs.....Each \$0.75

One in a box. One-half dozen in a carton.



Imported

- Manually operated.
- Solid end hook.
- Nickel-plated steel case 2 $\frac{1}{8}$ inches in diameter, $\frac{1}{8}$ inch thick.
- **Six-foot rule** $\frac{5}{8}$ inch wide, made of polished, tempered steel. Graduated in inches to 16ths inch, first 2 inches to 32nds inch.

TB F6—Weight per dozen 2 lbs.....Each \$0.25

One-half dozen in a carton.

COMBINATION PLIERS

KEEN KUTTER

Painstaking care in selection combined with skilled workmanship has made this the finest selection of combination pliers to be found anywhere regardless of price.

- Forged from highest grade tool steel—oil-tempered for a longer life of full strength.
- Adjustable slip joint for holding large or small pipe.
- Face of jaws scored for firm bite. Milled teeth won't slip. Knurled handles provide secure grasp.



Wire cutter between jaws. Handy screw driver on handle. Nickel-plated.

Nos.	Each	Length, Inches	Holds Pipe, Inches	Weight Per Doz., Lbs.
TB K160	\$0.49	6	$\frac{1}{8}$ to $\frac{3}{4}$	6
TB K180	.69	8	$\frac{1}{4}$ to 1	9
TB K1100	.75	10	$\frac{1}{4}$ to 1 $\frac{1}{4}$	13

SIDE CUTTING



Side wire cutter and wire cutter between handles. Wire slot in center of jaws. Handy screw driver on handle. Nickel-plated. Length 7 inches. Holds pipe $\frac{1}{8}$ to $\frac{3}{4}$ inch.

TB K360—Weight per dozen 6 $\frac{1}{2}$ lbs. Each \$1.00

THIN BENT NOSE



For work on flat surfaces and places where work cannot be done with regular pliers. Wire cutter between jaws. Nickel-plated. Length

6 $\frac{1}{2}$ inches. Holds pipe $\frac{1}{8}$ to $\frac{3}{4}$ inch.

TB K165—Weight per dozen 6 lbs. Each \$0.59

THIN NOSE

Especially adapted for work inaccessible by regular plier. Wire cutter between jaws.



Nickel-plated. Length 6 $\frac{1}{2}$ inches. Holds pipe $\frac{1}{8}$ to $\frac{3}{4}$ inch.

TB K106—Weight per dozen 6 lbs. Each \$0.45



Nickel-plated. Length 5 inches. Holds pipe $\frac{1}{8}$ to $\frac{1}{2}$ inch.

TB K150—Weight per dozen 5 lbs. Each \$0.49

One in a carton.

EXTRA BOLTS AND NUTS

For KEEN KUTTER combination pliers TY K160 and TB K180.

TB KBN—Weight per dozen $\frac{1}{2}$ lb.

Each (1 bolt and 1 nut) \$0.10

SIMMONS

Well made . . . popular-priced!

- Forged from high-grade tool steel, oil-tempered. Adjustable slip joint for holding large or small pipe. Face of jaws scored. Milled teeth. Knurled handles.



THIN NOSE

Especially adapted for work inaccessible to regular plier. Nickel-plated. Length 5 inches. Holds pipe $\frac{1}{8}$ to $\frac{1}{2}$ inch.

TB S450—Weight per dozen 5 lbs. Each \$0.35

One in a carton.

SIMMONS LEADER

Good quality at a low price.

- Forged from high-grade tool steel, hardened. Adjustable slip joint for holding large or small pipe. Faces of jaws scored. Milled teeth. Knurled handles.



THIN BENT NOSE

Particularly handy for automobile and garage men. Useful for work on flat surfaces. Nickel-

plated and highly polished. Length 6 $\frac{1}{2}$ inches.

TB SE5—Weight per carton (6) 2 $\frac{1}{2}$ lbs.

Std. List, Each \$0.49. Each \$0.49



THIN NOSE

Especially adapted for work inaccessible by regular plier. Wire cutter between jaws.

Nickel-plated and highly polished. Length 6 inches.

TB SE4—Weight per carton (6) 3 $\frac{1}{2}$ lbs.

Std. List, Each \$0.33. Each \$0.33



SIDE CUTTING

Nickel-plated and highly polished.

Nos.	Each	Length Inches	Weight Per Carton (6), Lbs.	Std. List, Each
TB SE6	\$0.79	5 $\frac{1}{2}$	1 $\frac{3}{4}$	\$0.79
TB SE66	.99	7	3	.99



GAS AND FLAT NOSE

Wire cutter between jaws.

Nickel-plated and highly polished.

Nos.	Each	Length Inches	Weight Per Carton (6), Lbs.	Std. List, Each
TB SE1	\$0.33	6	3	\$0.33
TB SE2	.39	8	3 $\frac{1}{4}$	.39
TB SE3	.59	10	6 $\frac{1}{2}$	.59

Cadmium Finish

TB SE18	.15	6	2 $\frac{3}{4}$	.15
TB SE17	.23	8	3 $\frac{3}{4}$	.23
TB SE16	.33	10	6 $\frac{1}{2}$	.33

One in a box; six in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KLICKER COMBINATION PLIERS

Remarkable value at these exceptionally low prices

- Forged steel, tempered. Adjustable slip joint for holding large or small pipe. Face of jaws scored. Milled teeth. Knurled handles.



Nickel plated. Length 6 3/4 inches. Holds pipe 1/8 to 3/4 inch.

TB 625KP—Weight per dozen 6 lbs.....Each \$0.25

One-half dozen in a carton.

Cadmium Plated

Nos.	Each	Length, Inches	Holds Pipe, Inches	Wt. Per Doz., Lbs.
TB 6KN	\$0.23	6	3/8 to 3/4	6
TB 8KN	.25	8	1/4 to 1	8
TB 10KN	.39	10	1/4 to 1 1/4	12

6 and 8-inch—one dozen; 10-inch—one-half dozen in a carton.

For work on flat surfaces and plates inaccessible to regular nose pliers. Wire cutter between jaws.



THIN NOSE

Cadmium plated. Length 6 3/4 inches. Holds pipe 1/8 to 3/4 inch.

TB 56KN—Weight per dozen 6 lbs.....Each \$0.23



THIN BENT NOSE

Nickel plated. Length 6 inches. Holds pipe 1/8 to 3/4 inch.

TB 25KN—Weight per dozen 6 lbs.....Each \$0.29

One dozen in a carton.

EXTRA BOLTS AND NUTS FOR KLICKER COMBINATION PLIERS

Nos.	Each (1 Bolt and 1 Nut)	For Pliers, Nos.	Wt. Per Doz., Lbs.
TB NK6	\$0.05	TB 6KN and TB 6KB	1 1/2
TB NK8	.05	TB 8KN	1 1/2
TB NK10	.10	TB 10KN	1 1/2

Packing—bulk.

Adjustable slip joint for holding large or small pipe. Face of jaws scored.



CEE TEE CO.

Drop forged from open hearth steel. Accurately machined and milled teeth. Handy screw driver on handle. Checker dot handles. Nickel plated.

Nos.	Each	Length, Inches	Holds Pipe, Inches	Wt. Per Doz., Lbs.
TB H25	\$0.25	5	3/8 to 1/2	5
TB H26	.29	6	3/8 to 1	6 1/2

Special Value



Forged steel. Wire cutter between jaws. Plain handles. Tumbled nickel finish. Length 6 1/2 inches. Holds pipe 1/8 to 3/4 inch.

TY F10—Weight per dozen 5 lbs.....Each \$0.15

Packing—bulk.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

COMBINATION PLIER AND PIPE WRENCH

KEEN KUTTER



- An extremely handy plier with exceptional gripping power for most any job. Head is at an angle of 75 degrees and jaws can

be adjusted to four positions making it a perfect tool for working in cramped, out-of-the-way places.

Forged from highest grade tool steel, tempered. Adjustable at joint to four positions. Face of jaws scored, milled teeth. Knurled handles. Nickel plated to resist rust. Length 7 1/2 inches. Holds pipe 1/4 to 1 1/2 inches.

TB K750—Weight per dozen 7 1/2 lbs.....Each \$0.39

One in a carton.

KEEN KUTTER LAP JOINT PLIERS

Painstaking care in selection combined with skilled workmanship has made this the finest selection of pliers to be found anywhere regardless of price.

- Forged from highest grade tool steel—oil tempered. Especially designed for working in narrow places. Ideal for work on motors, electrical appliances. Cotter pins and fine wire handled with greater ease—saves time and labor.



CHAIN NOSE SIDE CUTTING

Sharp side cutter. Filled jaws, polished. Gun metal finish handles. Length 5 1/2 inches.

TB K75—Weight per dozen 2 1/4 lbs.....Each \$1.29

One dozen in a carton.



EXTRA LONG NOSE SIDE CUTTING

Sharp side cutter. Filled jaws, polished. Gun metal finish handles. Length 6 1/2 inches.

TB K76—Weight per dozen 3 lbs.....Each \$1.39



ROUND NOSE SIDE CUTTING

Sharp side cutter. Filled jaws, polished. Gun metal finish handles. Length 6 1/2 inches.

TB K66—Weight per dozen 3 lbs.....Each \$1.39



EXTRA SLIM NOSE

Suitable for work on electric sad irons, fixtures and similar objects. Also handy on automobile timers and other places where space will not permit use of regular nose pliers. Polished jaws, scored inside. Gun metal finish handles. Length 5 1/2 inches.

TB K25—Weight per dozen 2 1/2 lbs.....Each \$1.19



DIAGONAL CUTTING

Straight tapered cutter snips quickly and accurately.

Polished jaws. Gun metal finish handles.

Nos.	Each	Length, Inches	Weight Per Dozen, Lbs.
TB K45	\$1.39	5	2 1/4
TB K46	1.75	6	3

One-half dozen in a carton.

LAP JOINT PLIERS

SIMMONS LEADER

Good Quality at a Low Price

Forged from good grade steel, hardened. Knurled handles.



LONG CHAIN NOSE—SIDE CUTTING

Ideal for work in extra narrow places. Full polished. Length 5½ inches.

TB SE9—Weight per carton (6) 1½ lbs.
Std. List, Each \$0.99 Each \$0.99



DIAGONAL CUTTING

Cuts quickly and smoothly. Full polished.

Nos.	Each	Length, Inches	Wt. Per Dozen, Lbs.	Std. List, Each
TB SE7	\$0.99	5	2¼	\$0.99
TB SE77	1.29	6	3	1.29

One in a box. Six in a carton.



STANDARD—DIAGONAL CUTTING

Forged steel, oil tempered. Full polished. Blued finish handles, polished nose. Heavy rivet at joint.

TB 341—Weight per dozen 3½ lbs. Each \$0.49

One dozen in a carton.



BERNARD FLAT NOSE CUTTING

Jaws forged from tool steel, tempered. Closed-in handle. Steel rivets at joint—jaws parallel at all times. Open throat—

allows wire to pass entirely through. Knurled grips. Face of jaws scored. Nickel-plated.

Nos.	Each	Length, Inches	Wt. Per Dozen, Lbs.
TB 245C4½	\$1.49	4½	3
TB 245C5½	1.75	5½	4½
TB 245C6½	2.25	6½	6
TB 245C8	3.25	8 (Ex. Hy.)	12

One-half dozen in a carton.

POCKET ARMOR CUTTERS



UTICA-SMITH PACK-A-SPAC

For cutting BX and BXL armored cable, Nos. 12 and 14, 2 and 3 wire conductor. Saves time and trouble,

cuts clean and is light to carry.

Has many uses—connecting cabinet boxes, switches, base plugs, splitting loom. Also for cutting away metal lath or any light flat metal—not for iron or steel wire.

Drop forged from alloy steel. Thread lock joint. Polished head. Natural finish handles shaped to fit the hand. Length 7 inches. Cut ¼ inch.

TB PAC—Weight per dozen 6 lbs. Each \$2.19

One in a carton.

SIDE CUTTING PLIERS

KEEN KUTTER

KLEIN PATTERN LINEMAN'S



Forged from highest grade tool steel — tempered

for longer life, greater strength. Raised side cutter provides clean, precise snipping. Face of jaws scored. Polished jaws. Gunmetal finish handles. Heavy rivet at joint.

Nos.	Each	Length, Inches	Wt. Per Dozen, Lbs.
TB K966	\$1.65	6	5½
TB K967	1.95	7	8½
TB K968	2.15	8	12

KEEN KUTTER HEAVY PATTERN



Forged from highest grade tool steel — oil tempered. Raised side cutter, cuts clean and easy.

Face of jaws scored. Polished jaws. Natural finish handles. Heavy rivet at joint.

Nos.	Each	Length, Inches	Wt. Per Dozen, Lbs.
TB K856	\$0.98	6	3
TB K857	1.09	7	7
TB K858	1.19	8	10

One-half dozen in a carton.



SIMMONS LEADER KLEIN PATTERN LINEMAN'S

Forged from good grade steel, tempered.

Raised side cutter for quick, easy cutting. Face of jaws scored. Knurled handles. Full polished.

Nos.	Each	Length, Inches	Wt. Per Carton (6), Lbs.	Std. List, Each
TB SE88	\$1.39	7	4½	\$1.39
TB SE8	1.59	8	6¼	1.59

One in a box. Six in a carton.



SIMMONS LEADER

Forged from good grade steel, tempered. Raised side

cutter for easy cutting. Knurled handles. Full polished.

Nos.	Each	Length, Inches	Wt. Per Carton (6), Lbs.	Std. List, Each
TB SE19	\$0.99	6	2½	\$0.99
TB SE20	1.39	8	5¼	1.39

One in a cardboard box. Six in a carton.



KLEIN LINEMAN'S

Forged steel, tempered. Raised

side cutter. Face of jaws scored. Natural finish handles. Polished head. Heavy rivet at joint.

Diamond Special—With Oblong Opening

Nos.	Each	Length, Inches	Wt. Per Dozen, Lbs.
TB 201/6	\$2.39	6	5
TB 201/7	2.69	7	7½
TB 201/8	2.98	8	12

One-half dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

PLIERS AND WIRE CUTTERS COMBINED

BUTTON PATTERN



SIMMONS LEADER

Combination fence plier and wire puller. Two sharp wire cutters. Has positive stop for aligning cutters. Face of jaws milled to furnish

strong grip for pulling or straightening wire.

Forged steel, hardened. Knurled handles. Full polished.

Nos.	Each	Length, Inches	Weight per Carton (6) Lbs.	Std. List Each
TB SE11	\$0.99	8	4½	\$0.99
TB SE10	1.29	10	6½	1.29

One in a box; six in a carton.

KLICKER



Combination Fence Plier and Wire Puller.

Two sharp wire cutters. Face of jaws milled for strong grip.

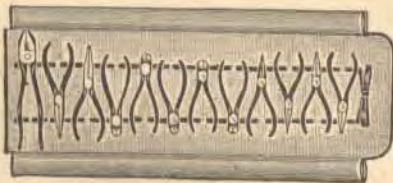
Forged from tool steel. Oil tempered flat nose jaws. Heavy steel rivet at joint.

Nos.	Each	Lgth., Inches	Weight Per Doz., Lbs.
TB 6K	\$0.59	6	4
TB 8K	.75	8	8
TB 10K	.98	10	10

One-half dozen in a carton.

PLIER ASSORTMENT

Exceptional value. Made by a well known manufacturer. Small stock of pliers at a low price. Remarkable group of well constructed pliers, for every use.



High grade alloy steel; tempered jaws. Face of jaws milled except 2278. Polished heads. Handles black enameled.

CONTENTS OF ASSORTMENT

¼ dozen, 2332 radio and electricians' side cutting pliers—5½ inches long.....	Each	\$0.39
¼ dozen, 2278 beveled diagonal side cutting pliers—5 inches long.....	Each	.49
¼ dozen, 2278 beveled diagonal side cutting pliers—6 inches long.....	Each	.59
¼ dozen, 2280 long nose chain pliers—6¾ inches long	Each	.59
½ dozen, 2612 Klein pattern lineman's side cutting pliers—8¾ inches long.....	Each	.75

Each assortment put up in attractive felt-lined black leatherette roll 9x26 inches.

TB B100A—Weight per assortment 3¾ lbs.

Wrapped in paper.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

CUTTING NIPPERS

KEEN KUTTER

- **Solid construction.** High grade tool steel jaw—polished and uniformly tempered. Malleable iron handles and head—dead black finish.
- **Efficient operation.** Reversible, interchangeable jaws, each with two cutting edges, held securely by two screws—less frequent sharpening. Box joint.



Set screw between handles for adjusting cut.

Nos.	Per Pair	Length, Inches	Will Cut Wire, Gauge	Wt. Per Doz., Lbs.
TB K8	\$1.98	8	11	18
TB K10	2.49	10	7	24
TB K12	2.79	12	3	30

One in a carton.

EXTRA CUTTERS

FOR KEEN KUTTER CUTTING NIPPERS

With Screws

Nos.	Per Pair	For Cutting Nippers, Nos.	Wt. Per Doz., Lbs.
TB KC8	\$0.75	TB K8	1½
TB KC10	1.00	TB K10	2
TB KC12	1.19	TB K12	2¾

One-half dozen pairs in a carton.

CUTTING NIPPERS

SIMMONS



Forged from high-grade tool steel. Oil tempered, polished jaws. Gun metal finish handles.

Nos.	Each	Length, Inches	Wt. Per Doz., Lbs.
TB S5	\$1.00	5	5
TB S6	1.19	6	8

One in a carton. One-half dozen in a case.

WIRE CUTTERS

CAREW'S PATENT



A quality tool for heavy duty wire cutting. Adjustable jaws, made of best grade tool steel, finely sharpened and tempered. When jaws become dull they can be removed, ground and easily replaced. Fine forged steel handles and head. Adjusting screw between handles regulates depth of cut.

When jaws become dull they can be removed, ground and easily replaced. Fine forged steel handles and head. Adjusting screw between handles regulates depth of cut.

Nos.	Each	Length, Inches	Wt. Per Doz., Lbs.
TB CWC10	\$4.85	10	2¼
TB CWC12	5.65	12	2¾
TB CWC14	6.80	14	4¼

One in a carton.

EXTRA JAWS FOR WIRE CUTTERS FOR CAREW'S PATENT WIRE CUTTERS

Nos.	TB 10EJ	TB 12EJ	TB 14EJ
Weight Per Pair, Oz.	2	2½	2½
Per Pair	\$1.35	1.45	1.55

Packing—bulk.

CARPENTERS' PINCERS

KEEN KUTTER

- Forged from highest grade tool steel. Double bevel cutting edges. Handy claw and screw driver. Heavy steel rivet at joint.



Oil-tempered, polished jaws, head, claw and screw driver. Black enameled knurled handles. Cutting edges reinforced. Wire cutter between jaws.

Nos.	Each	Length, Inches	Wt. Per Doz., Lbs.
TB K806	\$0.75	6	5
TB K808	.79	8	10
TB K810	.89	10	14



Oil-tempered jaws with polished face. Natural finish handles.

Nos.	Each	Length, Inches	Wt. Per Doz., Lbs.
TB K706	\$0.59	6	5
TB K708	.69	8	10
TB K710	.79	10	14

One-half dozen in a carton.

SIMMONS LEADER



Good quality at a low price.

HAMMER HEAD PATTERN

Forged from good grade tool steel. Useful claw and screw driver. Strong rivet at joint. Polished face. Handles smooth black finish. Wire cutter between jaws. Length 8 inches.

TB SK1—Weight per carton (4) 3 1/4 lbs.
Std. List, Each \$0.69.....Each \$0.69

Four in a carton.

BLACKSMITHS' AND FARRIERS' PINCERS

SIMMONS

- Forged from high-grade tool steel. Heavy steel rivet at joint. Parallel handles.



SHOEING

Close-biting, oil-tempered and polished jaws. Natural finish handles. Length 12 inches.

TB S212—Weight per dozen 18 lbs.....Each \$1.19



HOOF PARING

Oil tempered. Overlapping polished jaws. Natural finish handles.

Nos.	Each	Length, Inches	Wt. Per Doz., Lbs.
TB S0012	\$1.49	12	23
TB S0014	1.69	14	25



NAIL CUTTING

Close-biting jaws, oil tempered, with polished front. Balance black enameled.

Nos.	Each	Length, Inches	Wt. Per Doz., Lbs.
TB S1112	\$1.49	12	20
TB S1114	1.59	14	22

One-half dozen in a carton.

FENCE PLIERS AND STAPLE PULLERS

CRESCENT



A fence builder's or farmer's handiest tool. Has two hammer heads (1 single checked, 1 double checked), two wire cutters, wire stretcher, pipe grip and pincers. Also two round openings for pulling staples. Fine steel, smooth black finish; knurled grips. Length 10 inches.

TB 1907—Weight per dozen 19 1/2 lbs.....Each \$1.19

EMPIRE



With handy starting and pulling point for staples. Two wire cutters, wire splicers between jaws, staple pulling point and lifter for bent lugs on steel posts. Wire stretcher between handles. Fine grade steel, polished, corrugated hammer head; natural finish handles. Length over all 10 1/4 inches.

TR U291—Weight per dozen 16 1/2 lbs.....Each \$0.85

One in a carton.

RIVET SETS AND HEADERS

KLICKER



For copper and iron rivets. Forged from good grade tool steel. Tempered for rough usage. Polished head. Natural finish shank.

Nos.	TB 8K	TB 9K
For Copper Rivets, Nos.	8	9
For Iron Rivets, Nos.	5 and 4	3 and 2 1/2
Length, Inches	4 1/8	4 1/8
Weight per Dozen, Lbs.	5	5
Each	\$0.25	.25

One-half dozen in a carton.

Women Know Good Stoves:

THE SIMMONS
CAST IRON RANGE
IS A WINNER

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

PUNCHES

For quick, accurate punching of paper, cardboard, leather, cloth and similar materials. Punches clean and sharp.

SIMMONS

REVOLVING—4-TUBE
Full polished steel handles and jaws. High grade tool steel tubes tempered and hardened; tempered steel spring riveted to handle. Length 8 inches.



● ● ● ● Illustration of actual punch tube sizes.

TB S26—Four tubes: One each Nos. 4, 6, 8 and 10. Weight per dozen 9 lbs. Each \$1.15

One-half dozen in a carton.

EXTRA TUBES FOR TB S26 PUNCHES...Each \$0.15

Packing—bulk.

BOKER—REVOLVING

Extra heavy pressed steel frame and handles, bright finish. Tempered steel



spring at joint. Full polished straw tempered steel tubes. Length over all 8 3/4 inches.

TB 400—Four tubes: One each Nos. 2, 3, 4 and 5. Each \$0.69

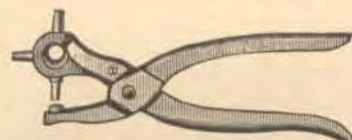
TB 600—Six tubes: One each Nos. 1, 2, 3, 4, 5 and 6. Each .79

Weight per dozen 9 1/2 lbs.

One in a carton. One dozen in a case.

LODI—REVOLVING 4 TUBE

Polished steel handles and frame. Tempered steel tubes. Springs coiled around rivet at joint, extend back into



concave handles. Length 8 inches.

TB 384—Four tubes: One each Nos. 1, 3, 5 and 7. Weight per dozen 7 lbs. Each \$0.79

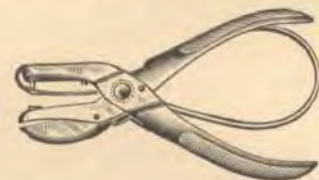
One-half dozen in a carton.

EXTRA TUBES FOR TB 384 PUNCHES...Each \$0.15

Packing—bulk.

TICKET PUNCHES

Nickel-plated stamped steel frame. Steel die and plunger. Steel wire main spring and finger ring. Punched paper particles fall into reservoir that is easily emptied.



Assorted Fancy Pattern Dies

Scored handles. Large finger ring. Length reach 1 inch. Length over all 5 inches.

TB 30—Weight per dozen about 1 3/4 lbs. Each \$0.15



Assorted Card Suit Dies

Hearts, spades, diamonds and clubs.

Embossed handles. Small finger ring. Length reach 1 inch. Length over all 5 inches.

TB 3605—Weight per dozen 2 lbs. Each \$0.15

One dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

BELT PUNCHES

SIMMONS



Illustrations show actual sizes of holes. Will cut clean holes through leather and canvas belting.

Forged from high-grade tool steel, oil tempered. Polished tip. Natural finish shank. Swaged point, slot milled out. Length 3 3/4 inches.

Nos.	Each	Diameter Hole, Inches	Wt. Per Doz., Lbs.
TB S601	\$0.15	7/8	1
TB S602	.15	1 1/8	1
TB S603	.15	1 3/8	1
TB S604	.15	1 5/8	1
TB S605	.15	1 7/8	1
TB S606	.15	2	1
TB S607	.15	2 1/8	1 1/4
TB S608	.15	2 3/8	1 1/4
TB S609	.15	2 5/8	1 1/4
TB S610	.19	3	1 3/4
TB S612	.19	3 3/8	2 1/4

TB S6036—Assorted, Nos. TB S603 to TB S606. Weight per dozen 1 lb.

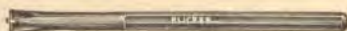
TB S6058—Assorted, Nos. TB S605 to TB S608. Weight per dozen 1 1/4 lbs.

TB S6079—Assorted, Nos. TB S607 to TB S609. Weight per dozen 1 1/4 lbs.

One dozen in a carton.

STAR DRILLS

KLICKER



Used chiefly in drilling holes in brick and cement. Forged from octagon tool steel, tempered. Natural finish.

Nos.	Each	Diameter Point, In.	Length, Inches	Wt. Per Doz., Lbs.
TB 1412K	\$0.19	1/4	12	2 1/4
TB 51612K	.19	5/8	12	3 1/4
TB 3812K	.23	3/8	12	3 1/4
TB 1212K	.25	1/2	12	4 1/2
TB 5812K	.29	5/8	12	8
TB 3412K	.35	3/4	12	12
TB 7812K	.39	7/8	12	17
TB 112K	.40	1	12	22
TB 1218K	.29	1 1/2	18	7
TB 5818K	.35	5/8	18	12
TB 3418K	.39	3/4	18	19

One dozen in a carton.

MAGNETS



Fully magnetized—will attract and hold iron or steel objects. Fine quality steel. Horseshoe pattern. Body painted red. Ends and block polished. Length 3 inches.

TB 3—Weight per dozen 1 1/2 lbs. Each \$0.10

Packing—bulk.

COLD CHISELS

KEEN KUTTER



Alloy Steel

to the ordinary high carbon steel used in cold chisels. These tools have three distinct temper zones in their construction—

Cutting edge—hard and tough, yet not brittle.

Center section—properly hardened to form a cushion against the cutting zone . . . also tough and resilient.

Top section—properly tempered to withstand full hammer blows without chipping off or crystallizing . . . will mushroom evenly.

Smooth black finish, with polished head, flat sides and cutting edge.

The alloy steel used in these cold chisels is highly superior in cold chisels.

Nos.	Each	Width, Cut, In.	Dia., Steel, In.	Lgth., In.	Wt. Per Doz., Lbs.
TB KA14	\$0.25	1/4	1/4	5	1
TB KA516	.25	5/16	1/4	5	1
TB KA38	.29	3/8	5/16	5 1/4	1 1/2
TB KA12	.30	1/2	7/16	6	3 1/4
TB KA58	.35	5/8	1/2	6 1/2	4 1/2
TB KA34	.45	3/4	5/8	7	7 1/2
TB KA78	.55	7/8	3/4	7 1/2	11
TB KA10	.75	1	7/8	8	15



MACHINISTS'

Forged from highest grade octagonal steel, heat treated and carefully tempered. Polished head and blade. Black forged finish body.

Nos.	Each	Width, Cut, In.	Dia., Steel, In.	Lgth., In.	Wt. Per Doz., Lbs.
TB KM34	\$0.45	3/4	5/8	10	10 1/2
TB KM78	.59	7/8	3/4	10	15

One-half dozen in a carton.



REGULAR

long wear and satisfactory service. Oil tempered. Polished bevel and head. Natural finish body.

Nos.	Each	Width, Cut, In.	Dia., Steel, In.	Lgth., In.	Wt. Per Doz., Lbs.
TB K14	\$0.19	1/4	1/4	5 1/4	1 1/2
TB K38	.23	3/8	5/16	5 1/2	1 3/4
TB K12	.25	1/2	7/16	6	3 1/2
TB K58	.25	5/8	1/2	6 1/2	4 1/2
TB K34	.29	3/4	5/8	7	7 1/2
TB K78	.45	7/8	3/4	7 1/2	11
TB K10	.55	1	7/8	8	15

Packing: TB K14 and TB K38—one dozen; other numbers—one-half dozen in a carton.

SIMMONS LEADER

Good quality at a low price.



Forged tool steel, carefully tempered to correct hardness—tough and strong. Black finish.

Nos.	Each	Cut, In.	Lgth., In.	Dia., In.	Wt. Per Carton (6), Lbs.	Std. List, Each
TY SJ1	\$0.15	1/2	6	1 1/2	1 3/4	\$0.15
TB SJ2	.23	5/8	6 5/8	5/8	2 1/2	.23
TB SJ3	.29	3/4	7 1/2	3/4	5	.29

One-half dozen in a carton.

COLD CHISELS

KLICKER REGULAR

Forged from

good grade octagonal tool steel, evenly tempered. Natural finish.

Nos.	Each	Width, Cut, In.	Dia., Steel, In.	Lgth., In.	Wt. Per Doz., Lbs.
TB 38K	\$0.10	3/8	5/16	5 1/2	1 1/2
TB 12K	.15	1/2	7/16	6	3
TB 58K	.19	5/8	1/2	6 1/2	4
TB 34K	.23	3/4	5/8	7	7
TB 1K	.35	1	7/8	7 1/2	15

Packing: TB 38K—one dozen; other numbers—one-half dozen in a carton.

KEEN KUTTER CHISELS

• Forged from extra refined steel, oil tempered. Sharp polished point—cuts clean and evenly. Octagon black finish body.



ROUND NOSE

Nos.	Each	Width Cut, Inch	Diam- eter Steel, Inch	Length, Inches	Weight Per Doz., Lbs.
TB KR14	\$0.35	1/4	5/8	6 3/4	5 1/4
TB KR516	.39	5/16	5/8	7	6
TB KR38	.45	3/8	5/8	7	6



DIAMOND POINT

Nos.	Each	Width Cut, Inch	Diam- eter Steel, Inch	Length, Inches	Weight Per Doz., Lbs.
TB KD14	\$0.35	1/4	5/8	6 3/4	5 1/4
TB KD516	.39	5/16	5/8	7	6
TB KD38	.45	3/8	5/8	7	6



CAPE

Nos.	Each	Width Cut, Inch	Diam- eter Steel, Inch	Length, Inches	Weight Per Doz., Lbs.
TB KC14	\$0.35	1/4	5/8	7	6
TB KC516	.39	5/16	5/8	7	6 1/4
TB KC38	.45	3/8	5/8	7	6 1/4

One-half dozen in a carton.



Good quality forged octagonal steel. Properly tempered. Natural finish. Polished bevel. Width cut 5/8 inch. Diameter steel 1/2 inch. Length 6 inches.

TB 1200V—Weight per dozen 3 3/4 lbs. Each \$0.10

Packing—bulk.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SOLID MACHINE PUNCHES

KEEN KUTTER

- Especially adapted for driving rivets and pins out of machinery.

Forged from highest grade tool steel. Oil tempered. Natural finish octagon barrel. Polished head and point.

Point tapers from barrel to within 1 1/4 inches of end . . . balance of point straight.

Nos.	Each	Diam. Weight			
		Lgth., Inches	Steel, Inch	Point, Inch	Per Doz., Lbs.
TB K358	\$0.35	9	5/8	3/8	9 1/2
TB K301	.49	10	3/4	1/4	14



Regular taper. Small point.

Nos.	Each	Diam. Weight			
		Lgth., Inches	Steel, Inch	Point, Inch	Per Doz., Lbs.
TB K532	\$0.29	8	1/2	5/32	5 1/2
TB K632	.35	9	5/8	9/32	7 3/4
TB K732	.39	10	3/4	3/32	13

One dozen in a carton.

SIMMONS

- Forged from high-grade tool steel, oil tempered. Natural finish hexagon barrel. Polished point.



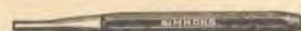
Regular taper. Small point.

Nos.	Each	Diam. Weight			
		Lgth., Inches	Steel, Inch	Point, Inch	Per Doz., Lbs.
TB S125	\$0.23	8	1/2	5/32	5
TB S632	.29	9	5/8	9/32	8
TB S832	.35	10	3/4	5/32	11

One-half dozen in a carton.

DRIFT PUNCHES

Particularly useful for driving out rivets and pins in heavy farm machinery, automobiles, etc.

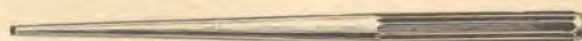


SIMMONS LEADER

Forged from high quality steel. Black finish hexagon barrel. Polished point. Diameter steel 5/8 inch. Length 5 inches.

Diameter point 1/2 inch.

TB SDD44—Weight per carton (6) 3/4 lb. Std. List, Each \$0.23.....Each \$0.23



High-grade tool steel, oil tempered. Natural finish octagon barrel. Polished point.

Nos.	Each	Diam. Weight			
		Lgth., Ins.	Stock Size, In.	Point, In.	Per Doz., Lbs.
TB 745	\$0.45	12	1 1/2	5/8	7 1/2
TB 746	.55	15	2	3/4	9 1/2

One-half dozen in a carton.

MACHINE PUNCHES

SIMMONS



Forged from high-grade tool steel, oil tempered. Natural finish hexagon barrel. Polished point and head. Diameter steel 1/2 inch. Length over all 6 inches. Regular taper; small point.

TB S11/15—Assorted points. 1/3 dozen each 1/2, 5/32 and 3/32 inch. Weight per dozen 2 1/2 lbs.....Each \$0.17

One dozen in a carton.

SIMMONS LEADER



Forged from high quality steel. Black finish hexagon barrel.

Polished point. Diameter steel 5/8 inch. Length 6 inches.

Diameter point 1/2 inch.

TB SDD88—Weight per carton (6) 1 3/4 lbs. Std. List, Each \$0.29.....Each \$0.29

Six in a carton.



Good quality forged octagon-shaped steel. Properly tempered. Natural finish. Full ground taper. Diameter steel 1/2-inch. Length 6 inches.

Nos.	Each	Diameter at Point, Inches
TB 300V	\$0.10	5/32
TB 400V	.10	3/32

Packing—bulk. Weight per dozen 3 3/4 lbs.

KEEN KUTTER PIN PUNCHES



Efficiently drives out pins in mechanical equipment. Forged from highest grade tool steel. Oil tempered. Natural finish octagon barrel, polished point. Point tapers from barrel to within 3/4-inch of end . . . balance of point straight. Diameter 3/8-inch. Length over all 6 inches.

Nos.	Each	Diameter at Point, Inch	Wt. Per Doz., Lbs.
TB K13	\$0.25	5/32	3 3/4
TB K14	.25	5/32	3 1/4
TB K15	.25	1/32	3 1/4
TB K16	.25	5/32	3 1/4

TB K1316—Assorted. 1/4 dozen each Nos. TB KA13, TB K14, TB K15, TB K16.....Each \$0.25

One dozen in a carton.

KEEN KUTTER PRICK PUNCHES



Correct punch mark insured with sharp point. Forged from highest grade tool steel. Oil tempered. Round knurled barrel assures non-slip grip. Full polished finish. Length 4 inches.

TB K217—Weight per dozen 1 1/4 lbs.....Each \$0.15

One dozen in a wood box.

SELF-CENTERING PUNCHES

SHARPSHOOTER



Handy for carpenters, cabinet makers, sheet metal workers and other craftsmen. Ideal when marking center for drilling holes and setting screws in hinges, locks, escutcheons. Lower part recessed to permit easy removal with claw of nail hammer.

Good quality blued steel housing, finely machined and milled. Knurled center assures non-slip grip. Smooth polished top. Extra-hard tempered sliding punch joint. Medium size. Length 3 inches. Diameter 3/8 inch.

TB 2SS—Weight per dozen 1 1/2 lbs.....Each \$0.25

One dozen in a display box.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

CENTER PUNCHES

KEEN KUTTER

Sharp point with distinct taper assures accurate punch mark.

Forged from highest grade tool steel. Oil tempered. Polished head and point. Round knurled barrel provides comfortable, non-slip grip. Blue finish. Length 3 7/8 inches.

TB K215—Weight per dozen 1 1/4 lbs. Each \$0.15

One dozen in a wood box.

SIMMONS LEADER

Forged from high quality steel. Black finish hexagon

barrel. Polished point. Diameter steel 5/16-inch. Length 5 inches.

Sharp Point

TB SDD11—Weight per carton (6) 3/4 lb.
Std. List, Each \$0.23 Each \$0.23

Six in a carton.

PUNCH AND CHISEL SETS

All tools are made from 5/8-inch high-grade hexagon shape steel stock (except punch with 1/2-inch point — 1 1/4-inch stock). Tempered for rough usage. Natural black finish, bright finish bits and points.

Consists of:

- 1 cold chisel 5 inches long, 1/2-inch cut.
- 1 cold chisel 5 1/2 inches long, 5/8-inch cut.
- 1 solid punch 5 1/4 inches long, 5/8-inch point.
- 1 solid punch 4 3/4 inches long, 1/2-inch point.
- 1 prick punch 5 inches long.

TY PT22—Set of five pieces. Weight per set 1/2 lb. Per Set \$0.23

One set in a steel holder.



Exceptionally good value. 5/8-inch hexagon shape carbon steel stock, tempered. Natural black finish.

Consists of:

- 1 cold chisel 5 1/4 inches long, 1/2-inch cut.
- 1 cold chisel 5 1/2 inches long, 5/8-inch cut.
- 1 solid punch 4 3/4 inches long, 5/8-inch point.
- 1 solid punch 4 1/4 inches long, 1/2-inch point.
- 1 prick punch 4 1/2 inches long.

TB X2580—Set of five pieces. Weight per set about 5/8 lb. Per Set \$0.39

One set in a red enameled steel holder.

NAIL SETS

SYRACUSE



ROUND HEAD

Twist drill steel. Both ends tempered to proper hardness. Blued finish. Cup point. Knurled barrel 1/4-inch square. Length 4 inches.

Nos.	Each	Size Points, Inches
TB 90N1	\$0.17	3/32
TB 90N2	.17	2/32
TB 90N3	.17	3/32
TB 90N4	.17	4/32
TB 90N	.17	Assorted 1/32 to 3/32

Weight per dozen about 3/4 lb.

One dozen in a slide cover wood box.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

NAIL SETS

KEEN KUTTER—SQUARE HEAD

- Ample driving surface on extra-large square head.
- Patented knurling on barrel provides non-slip grip. Diameter barrel 5/16 inch.
- Heads and points highly polished.



Alloy Steel—hammer-forged from highest quality new alloy steel.

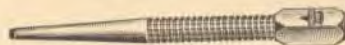
The point of these Nail Sets is unusually tough and can be driven through steel without damage to cup.

In Attractive Display Box

TB K250—Assorted: 6 TB K2502, 4 TB K2503 and 2 TB K2504. Weight per dozen 1 1/4 lbs.

One dozen in a carton.

Nos.	Each	Size Points, Inches
TB K2501	\$0.23	1/16
TB K2502	.23	1/8
TB K2503	.23	3/16
TB K2504	.23	1/4
TB K2505	.23	5/16

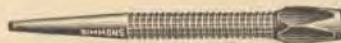


Crucible Steel—hammer-forged from finest crucible steel. Carefully tempered—harder, tougher, stands greater strain.

Nos.	Each	Size Points, Inches
TB KS150	\$0.15	Assorted 1/16 to 1/8
TB KS1501	.15	1/16
TB KS1502	.15	1/8
TB KS1503	.15	3/16
TB KS1504	.15	1/4

SIMMONS

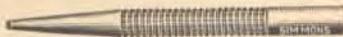
- Patented knurling on barrel assures firm, non-slip grip. Heads and points brightly polished. Barrel 5/16-inch in diameter.



SQUARE HEAD

One-piece high-grade forged steel, carefully tempered for strength and durability. Beveled "can't roll" head.

Nos.	Each	Size Points, Inches
TB SS100	\$0.10	Assorted 1/16 to 1/8
TB SS1001	.10	1/16
TB SS1002	.10	1/8
TB SS1003	.10	3/16
TB SS1004	.10	1/4



ROUND HEAD

Hammer-forged high-grade steel, carefully tempered.

Nos.	Each	Size Points, Inches
TB SR100	\$0.10	Assorted 1/16 to 1/8
TB SR1001	.10	1/16
TB SR1002	.10	1/8
TB SR1003	.10	3/16
TB SR1004	.10	1/4

One dozen in a carton. Weight per dozen 1 lb.



LIST OF KEEN KUTTER BRANDED MERCHANDISE



MECHANICS' TOOLS

AUGERS,
Nut
Ship

AXES,
Double Bit, Handled
House
Scout
Single Bit, Handled

AXE STONES

BITS,
Auger
Car
Countersink
Electrician
Expansive
Gimlet
Screw Driver
Ship Car
Wood

BIT BRACES

BIT EXTENSIONS,
Straight

BLADES,
Butcher Saw, Coil
Hack Saw
Wood Saw

CABINET SCRAPERS

CHISELS,
Butt
Cape
Cold
Socket Firmer

CALIPERS

CARPENTERS' APRONS

CARPENTERS' PENCILS

CHISEL HANDLES

CORNER BRACES

CUTTING NIPPERS

DRILLS,
Bit Stock, Twist
Straight Shank,
Machine
Straight Shank,
Twist

DRAWING KNIVES

DIVIDERS

FILES,
Cant Saw
Carpenters' Special
Extra Slim Taper
Flat Bastard
Flat Smooth
Great American
Cross Cut
Half Round, Bastard
Half Round, Cabinet
Half Round, Smooth
Half Round, Wood
Knife, Bastard
Mill, Bastard
Mill, One Safe Edge
Regular Taper
Reversible Taper
Round, Bastard
Safety Mill
Slim Taper
Special Blunt
Square, Bastard
Straight, Mill
Warding, Bastard
Cut
Warding, Second Cut

GLASS CUTTERS

GOUGES

GRUB HOES

HAMMERS,
Bill Posters'
Blacksmiths'
Brick
Machinists' Ball Pein
Machinists' Riveting
Nail
Saw Setting

HANDLES,
Axe, D. B.
Axe, S. B.
Blacksmith Hand
Brick Hammer
Broad Axe
Broad Hatchet
Cross Cut Saw
House Axe
Hunters' Axe
Lathing Hatchet
Machinist Hammer
Mattock
Nail Hammer
Pick
Scout Axe
Shingling Hatchet
Sledge or Spike Maul

HATCHETS,
Broad
Claw
Half
Lathing
Shingling
Rig Builders'
Produce

HAZEL HOES

LEVEL GLASSES

MALLETS

MARKING GAUGES

MATTOCKS

NAIL SETS

OIL STONE SLIPS

OIL STONES

PICKS,
Coal
Railroad

PINCERS,
Carpenters'
Hoof Paring
Nail Cutting

PLANES,
Block
Fore
Jack
Smooth

PLANE IRONS

PLIERS,
Chain Nose
Combination
Diagonal Cutting
Lineman's
Side Cutting
Thin Nose

PLASTERERS' HAWKS

PLUMBS and LEVELS

PUNCHES,
Center
Machine
Pin
Prick
Leather, Round

POCKET KNIFE HONES

RASPS,
Extra Slim, Light
Horse
Flat Wood
Half Round, Shoe
Half Round, Wood
Plain Horse

REAMERS, FLUTED

RULES,
Boxwood
Folding

SAW CLAMPS

SAW TOOLS

SCRATCH AWLS

SCREW DRIVERS,
Electricians'
Regular

SPEED INDICATORS

SQUARES

SAWS,
Back
Compass
Coping
De-Horning
Hack Saw
Hand
Keyhole
Kitchen
Metal Cutting
Mitre Box
Nest, of Saws
Panel
Pruning
Rip
Ship
Wood or Buck

TACK CLAWS

TINNERS' SNIPS

TOOL BAGS

TROWELS,
Brick
Plastering
Pointing

TRY SQUARES

TRY and MITRE SQUARES

WORK BENCHES

WRENCHES,
Engineers' Double
End
Tappet, Double End
Thin Alloy Steel,
Angle
Stillson Pattern Pipe

CUTLERY

CARVERS, IN SETS

CLEAVERS,
Household

CLIPPERS,
Hair
Toilet

COOKS' FORKS

FOOD CHOPPERS

HAMBURGER TURNERS

KNIVES,
Boning
Bread
Broom Corn
Budding
Butcher
Cooks'
Cotton Sampling
Grafting
Grape Fruit
Ham Slicing
Hunting
Linoleum
Paring
Pocket
Poultry Killing
Putty
Roofing
Scraping
Shoe
Skinning
Slicing
Sticking
Steak
Utility

MEAT CUTTERS

POCKET KNIVES,
Cattle
Jack
Pen
Pruning
Scout

PUNITY CHISELS

RAZORS,
Old Style Blade
Safety

RAZOR BLADES,
Double Edge
Single Edge

RAZOR HONES

RAZOR STROPS

SCISSORS,
Button Hole
Cuticle
Embroidery or Lace
Ladies' or Regular
Manicure
Nail
Pedicure
Pocket

SHEARS,
Bankers' or Paper
Barbers'
Bent, Trimmers
Kitchen
Straight Trimmers
Tailors'

STEELS,
Butcher
Kitchen

TABLE KNIVES and FORKS

GARDEN TOOLS and IMPLEMENTS

BUSH HOOKS

CORN KNIVES

CULTIVATORS,
Garden
Speedy

DITCH BANK BLADES

DRAIN CLEANERS

FORKS,
Alfalfa
Baling Press
Barn
Coal
Coal Scoop
Coke
Cotton Seed
English Digging
Grain
Header
Manure
Mill or Manure
Stone
Sugar Beet Scoop
Spading
Vegetable Scoop

GARDEN PLOWS

GARDEN SETS

GARDEN TROWELS

GARDEN WEEDERS

GLOVES,
Cotton, Work
Rubber Dipped,
Cotton

GRASS CUTTERS

GRASS HOOKS

GRASS SHEARS

HEDGE KNIVES

HEDGE SHEARS

HOES,
Cotton
Cultivator
Eye
Garden
Garden Mattock
German Grub or
Sprouting
Mattock
Mortar
Planters'
Railroad Scuffle
Scuffle
Southern Meadow
Strawberry
Triangular Weeder
Turf Edgers
Weeding

HOOKS,
Potato
Stone

HORSE OR MULE SHEARS

LAWN MOWERS,
4 and 5 Knife, Plain
4 and 5 Knife,
Rubber
Quiet, Rubber Tired

POST HOLE AUGERS

POST HOLE DIGGERS

PRUNERS,
Trimmer

PRUNING SHEARS

RAKES,
Broome
Coal or Road
Dandelion
Garden
Lawn
Park
Tar or Asphalt

SCYTHES,
Bush
Grass
Weed

SCYTHE STONES

SHEEP SHEARS

SIDEWALK CLEANERS

SCOOPS,
Break Down
Coal Yard
Grain
Gravel

SHOVELS,
Campers' or Floral
Dirt, "D" Handle
Dirt, Long Handle
Irrigating
Miners'
Moulders'
Rice

SPADES,
Drain
Iowa Pattern
Regular Pattern
Post or Ditching

THERMOMETERS

TOOL HANDLES,
Alfalfa Fork
Hay Fork
Garden
Header Fork
Heavy Fork
"D" Shovel
"D" Spade
Long Shovel
Manure Fork
Post Spade

TREE PRUNERS

WEED CUTTERS

KEEN KUTTER HAND, RIP AND PANEL SAWS

FOR BETTER — FASTER — EASIER WORK

- Perfect design appeals to every skilled craftsman who wants finest results and most satisfactory workmanship.
- Made by experienced saw makers to give long, dependable service.
- Weatherproof finish handle set at angle that assures proper balance for easy handling. Securely fastened to blade. Large, comfortable grip.

- Thin back for quick, easy clearance.
- **KEEN KUTTER** and guaranty etched on blade
- Guaranteed against defects in material or workmanship.
- Razor-edge teeth cut smoother and deeper.

STANDARD OF AMERICA FOR QUALITY

Mechanic's tool. Highest grade crucible spring saw steel, specially tempered and extra polished. Full taper ground. Thin back. Teeth full bevel filed and hand set. Full carved hardwood handle, securely fastened with nickel-plated brass screws.



REGULAR PATTERN—SKEW BACK

Length cutting edge 26 inches. Width blade at butt 7 1/4 inches, at point 2 inches. Five screws.

TB K88/26—Hand. Points per inch, 6, 7, 8, 9 and 10 Each \$2.95

TB K88R26—Rip. Points per inch, 5, 5 1/2 and 6 Each 2.95

Weight per dozen 24 lbs.

Panel—Four Screws

Nos.	TB K88P20 TB K88P22 TB K88P24		
Length, cutting edge, inches	20	22	24
Width blade at butt, inches	6	6 1/4	6 3/4
Width blade at point, inches	1 1/2	1 5/8	1 3/4
Points per inch	9, 10, 11	8, 9, 10	8, 9, 10
Weight per dozen, lbs.	18	20	22
Each	\$2.00	2.25	2.45



SHIP PATTERN—SKEW BACK

Length cutting edge 26 inches. Width blade at butt 6 1/2 inches, at point 1 1/2 inches. Five screws.

TB K88S—Hand. Points per inch, 7, 8, 9 and 10 Each \$2.95

TB K88RS—Rip. Points per inch, 5 1/2 and 6. Each 2.95



SHIP PATTERN—STRAIGHT BACK

Highest grade crucible spring steel blade, extra polished. Taper ground. Thin back. Teeth accurately set and filed. Full carved applewood handle, securely fastened with nickel-plated brass screws.

Length cutting edge 26 inches. Width blade at butt 6 1/2 inches, at point 1 1/2 inches. Five screws.

TB K816S—Hand. Points per inch, 7, 8, 9 and 10 Each \$2.95

Weight per dozen 20 lbs.
One-third dozen in a carton.



SHIP PATTERN—STRAIGHT BACK

Mechanic's tool. High grade spring saw steel blade, extra high finish. Full taper ground, thin back. Teeth hand filed and set. Carved walnut finish, hardwood handle, securely fastened with nickel-plated brass screws. Length cutting edge 26 inches. Width blade at butt 6 inches, at point 1 1/4 inches. Five screws.

TB K27/26—Hand. Points per inch, 8, 9 and 10 Each \$2.45

Weight per dozen 24 lbs.



REGULAR PATTERN—SKEW BACK

Mechanic's tool. High grade spring saw steel blade, extra high finish. Full taper ground, thin back. Teeth hand filed and set. Carved walnut finish, hardwood handle, securely fastened with nickel plated brass screws. Length cutting edge 26 inches. Width blade at butt 7 1/4 inches, at point 2 inches. Five screws.

TB K26/26—Hand. Points per inch, 7, 8, 9 and 10 Each \$2.25

TB K26R26—Rip. Points per inch, 5 1/2 and 6 Each 2.25

Weight per dozen 24 lbs.

Length cutting edge 22 inches. Width blade at butt 6 1/4 inches, at point 1 1/2 inches. Four screws.

TB K26P22—Panel. Points per inch, 9 and 10 Each \$1.85

Weight per dozen 20 lbs.



REGULAR PATTERN—STRAIGHT BACK

High-grade saw steel blade, specially tempered. Thin back. Full bevel filed teeth, properly set. Full carved walnut finish, hardwood handle, securely fastened with nickel plated brass screws.

Length cutting edge 26 inches. Width blade, at butt 6 1/2 inches, at point 1 1/4 inches. Four screws.

TB K24/26—Hand. Points per inch, 7, 8 and 9 Each \$1.65

TB K24R26—Rip. Points per inch, 5 1/2 Each 1.65

Weight per dozen 22 lbs.
One-third dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

HAND RIP AND PANEL SAWS

SIMMONS

For Quality at Low Cost

- Here is the finest saw obtainable at these low prices. Many satisfied users enjoy the long service and many features of this popular-priced tool.
- Ideal for all-around use. Sharp teeth provide free, easy cutting action. Handle securely attached to blade at angle that provides correct balance for accurate cutting. Roomy, comfortable grip. Blade etched.



SKEW BACK

Special steel blade, specially tempered, nicely polished. Teeth properly filed and set. Carved, light brown stained and weatherproof finish beechwood handle, securely fastened with nickel-plated brass screws.

Length cutting edge 26 inches. Width blade, at butt 6½ inches, at point 1¼ inches. Four screws.

TB S23/26—Hand. Points per inch 7 and 8...Each \$1.49

Weight per dozen 21 lbs.

Length cutting edge 20 inches. Width blade, at butt 5½ inches, at point 1¼ inches. Three screws.

TB S23P20—Panel. Points per inch 9 and 10...Each \$1.19

Weight per dozen 15 lbs.

One-third dozen in a carton.



SKEW BACK

Special steel blade, specially tempered, nicely polished. Teeth filed and set. Light brown stained and weatherproof finish beechwood handle, securely fastened with nickel-plated brass screws.

Length cutting edge 26 inches. Width blade, at butt 6½ inches, at point 1¼ inches. Four screws.

TB S22/26—Hand. Points per inch 8...Each \$1.19

Weight per dozen 21 lbs.

One-half dozen in a carton.

SIMMONS LEADER

Good quality at a low price.



SKEW BACK

Crucible steel blade, full taper ground, brightly polished and etched. Teeth filed and set to provide fast, smooth sawing. Black and white lacquered handle, firmly attached to blade.

Length cutting edge 26 inches. Width blade, at butt 6½ inches, at point 1¼ inches. Four screws.

TB SCC11—Hand. Points per inch 8...Std. List, Each \$1.59 Each \$1.59

Weight per carton (4) 6½ lbs.

Four in a carton.

KLICHER

Well made, nicely finished saws at a popular price.

High quality special analysis tempered spring steel blade, polished and etched. Teeth set ready for use. Natural varnish finish hardwood handle, with brass finish saw screws.



SKEW BACK

Length cutting edge 26 inches. Width blade, at butt 5½ inches, at point 1¼ inches. Five screws.

TB 89K26—Hand. Points per inch 8...Each \$0.89

Weight per dozen 20 lbs.

Length cutting edge 20 inches. Width blade, at butt 4½ inches, at point 1¼ inches. Three screws.

TB 69PK20—Panel. Points per inch 10...Each \$0.69

Weight per dozen 12 lbs.

One-half dozen in a box.

You Can Have Tomorrow's Kitchen and Bathroom Today

by installing

SIMMONS PLUMBING

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

DISSTON'S HAND, RIP AND PANEL SAWS

FOR EVERY KIND OF SAWING JOB

• Sharp teeth insure smooth cutting. Properly balanced for quick, even strokes. Grip is roomy and comfortable.



REGULAR PATTERN—SKEW BACK

Refined crucible steel blade, polished, striped back, true-taper ground. Applewood handle, weatherproof finish, with covered top and brass screws.
Length cutting edge 26 inches. Width blade, at butt 6 5/8 inches, at point 2 1/4 inches. Five screws.

TY D8/26—Hand. Points per inch, 7, 8, 9, 10 and 11.....Each \$3.25

TY D8R26—Rip. Points per inch, 5, 5 1/2 and 6.....Each 3.25

Weight per dozen 25 lbs.

Panel—Four Screws			
Nos.	TY D8/20	TY D8/22	
Length cutting edge, inches	20	22	
Width blade at butt, inches	5 1/4	5 1/2	
Width blade at point, inches	2 1/4	2 1/4	
Points per inch	9, 10	9, 10	
Weight per dozen, lbs.	16	19	
Each	\$2.95	2.95	



LIGHT WEIGHT OR SHIP PATTERN SKEW BACK

Refined crucible steel blade, polished, striped back, true-taper ground. Applewood handle, weatherproof finish, with covered top and brass screws.
Length cutting edge 26 inches. Width blade, at butt 5 1/2 inches, at point 1 1/2 inches. Four screws.

TY D8S26—Hand. Points per inch, 7, 8 and 9.....Each \$3.25

TY D8RS26—Rip. Points per inch, 5 1/2.....Each 3.25

Weight per dozen 21 lbs.



LIGHT WEIGHT OR SHIP PATTERN STRAIGHT BACK

Extra refined crucible steel blade, highly polished, striped back, true-taper ground. Full carved applewood handle, weatherproof finish, with covered top and nickel plated screws.
Length cutting edge 26 inches. Width blade, at butt 5 1/2 inches, at point 1 1/2 inches. Five screws.

TB D12S26—Hand. Points per inch, 8, 9, 10 and 11.....Each \$5.50

Weight per dozen 23 lbs.
One-third dozen in a carton.

• Made of sturdy materials by master saw makers with years of experience. Handle attached to blade at angle that assures proper balance.



REGULAR PATTERN—STRAIGHT BACK

Refined crucible steel blade, highly polished, striped back, true-taper ground. Full carved applewood handle, weatherproof finish, with covered top and brass screws.
Length cutting edge 26 inches. Width blade, at butt 5 5/8 inches, at point 1 1/2 inches. Five screws.

TY D23/26—Hand. Points per inch, 7, 8, 9, 10, 11.....Each \$3.75

Points per inch, 12.....4.50

TY D23R26—Rip. Points per inch, 5 1/2 and 6.....3.75

Weight per dozen 22 lbs.



REGULAR PATTERN—STRAIGHT BACK

Crucible steel blade, polished, striped back, true-taper ground. Beechwood handle, weatherproof finish, with covered top and brass screws.
Length cutting edge 26 inches. Width blade, at butt 6 1/4 inches, at point 2 1/4 inches. Four screws.

TY D7/26—Hand. Points per inch, 7 and 8.....Each \$3.25



SHIP PATTERN—STRAIGHT BACK

Crucible steel blade, polished, striped back, true-taper ground. Beechwood handle, weatherproof finish, with covered top and brass screws.
Length cutting edge 26 inches. Width blade, at butt 6 1/4 inches, at point 1 1/2 inches. Four screws.

TY D7S—Hand. Points per inch, 7, 8 and 9.....Each \$3.25

Weight per dozen 23 lbs.
One-third dozen in a carton.

*It's Easy to Sponge
the Dirt Off*

SIMMONS

GUARANTEED

ENAMELS

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

DISSTON KEYSTONE HAND SAWS

- Constructed under supervision of skilled saw makers to provide lasting service. Good grade steel blade with striped back. Weatherproof finish handle with grip shaped to fit hand.

- Sharp teeth assure smooth cutting action.
- Blade properly ground to prevent binding.
- An exceptional value at these low prices.
- Useful in every home and on every farm.



**CHALLENGER
SKEW BACK**

Taper ground. Extra high finish. Teeth bevel filed. Full carved hardwood handle stained light brown. Length cutting edge 26 inches. Five screws.

TB NDK6—Cross Cut. Points per inch 8.....Each \$2.35

Weight per dozen 26 lbs.



**SPEEDSTER
SKEW BACK**

Carved hardwood handle stained cherry color. Length cutting edge 26 inches. Four screws.

TB NDK2—Cross Cut. Points per inch 8.....Each \$1.25

Weight per dozen 21 lbs.



**DEFENDER
SKEW BACK**

Extra high finish. Thin back. Teeth bevel filed. Carved handle stained light brown.

Length cutting edge 26 inches. Five screws.

TB NDK5—Cross Cut. Points per inch 8.....Each \$2.00

Weight per dozen 22 lbs.



**LEADER
STRAIGHT BACK**

Hardwood handle stained.

Length cutting edge 26 inches. Three screws.

TB NDK1—Cross Cut. Points per inch 8.....Each \$1.00

Weight per dozen 21 lbs.
One-third dozen in a carton.

HAND SAW ASSORTMENTS



Assortment of 12 Disston Keystone hand saws and advertising material.

TB NDKA—
Weight per assortment 24 lbs.

Consists of the Following:

	Each
1 TB NDK1 Leader 26-inch—8 point.....	\$1.00
1 TB NDK2 Speedster 26-inch—8 point.....	1.25
4 TB NDK3/26 Pacemaker 26-inch—8 point.....	1.50
2 TB NDK3/20 Pacemaker 20-inch—9 point.....	1.25
1 TB NDK4 Air Master 26-inch—8 point.....	1.75
1 TB NDK5 Defender 26-inch—8 point.....	2.00
1 TB NDK6 or TB NDK6½ Challenger 26-inch—8 point.....	2.35
1 TB NDK6 or TB NDK6½ Challenger 26-inch—9 point.....	2.35

Also

Price tags on all saws.

3 display cards.

Attractive black lacquer finish wood stand, legs of which are slotted to hold 3 Disston Keystone hand saws on each side. Yellow and black card, 19¼x7½ inches, at top of display stand, and 2 "Outstanding Value" cards across bottom on each side. The 3 cards lock the stand together, making a rigid, attractive display.

One assortment in a package.



**PACEMAKER
SKEW BACK**

Carved hardwood handle, mahogany color. Length cutting edge 20 inches. Four screws.

TB NDK3/20—Cross Cut. Points per inch 9.....Each \$1.25

Length cutting edge 26 inches. Four screws.

TB NDK3/26—Cross Cut. Points per inch 8.....Each \$1.50

Weight per dozen 22 lbs.

One-third dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

BACK SAWS

KEEN KUTTER



- Fine teeth and stiff back enable you to cut corner mitres, grooves, and mortise and tenon joints smoother and more accurately. Heavy back stiffens blade. Sharp teeth cut quicker. Blade and handle balanced. Highest grade crucible steel polished blade. Teeth set and filed. Blued steel back. Hardwood handle, weather-proof finish, firmly attached to blade with nickel-plated screws. Length 12 inches, extreme width 3 3/4 inches.

TB K44/12—Weight per dozen 16 lbs. Each \$2.39

SIMMONS

Remarkable Value at These Popular Prices



• For free, even cutting of corner mitres, grooves, and mortise and tenon joints. Stiff back, fast-cutting teeth. High-grade crucible steel polished blade—rugged, durable. Teeth set and filed. Stiff blued steel back. Hardwood handle, secured to blade with 2 brass screws.

Nos.	Each	Extreme		Wt.
		Lgth.,	Width,	
		In.	In.	Doz.,
TB S10/12	\$1.19	12	3 1/4	14
TB S10/14	1.49	14	4	16

One-third dozen in a carton.

MITRE BOX SAWS

KEEN KUTTER



- Indispensable for even, accurate cutting required in mitre box work... corner mitres, grooves, mortise and tenon joints. Perfectly balanced for fine work. Blade stiffened by heavy back—stays down in cut. Sharp teeth cut with less effort.

Highest grade crucible steel blade, highly polished. Teeth filed and set. Blued steel back. Applewood handle secured to blade with 3 nickel-plated screws. Edges of handle varnished. Length 24 inches. Width under back 4 inches.

TB K44M24—Weight per dozen 38 lbs. Each \$5.75

One-third dozen in a cardboard box.

MITRE BOXES

PERFECTION PATTERN—ADJUSTABLE

- Takes any back, panel or hand saw. Saw guide can be instantly and accurately set by means of sliding key and notched letter dial. Exact depth cuts can be made by using back saw and adjusting swinging gauge.



Hardwood base and back 1 1/2-inch thick, securely glued and dowelled—natural finish, varnished. One-piece malleable iron swinging guide, notched dial and frame, black enameled. Lettered dial notched to lock at regular angles from right angle to 45 degrees. Steel post and sliding key. Length base 16 inches, width 6 inches. Height back 4 inches. Length swinging guide 6 inches.

Without Saw

TYP10—Weight each 10 lbs. Each \$2.98

One in a wood box.

MITRE BOXES

STANLEY



All these superior features for doing better work faster and easier.

- Tie bar on uprights. Roller bearings in saw guide. Adjustable spurs to prevent work from slipping. Stock guides hold ordinary work tightly against back and provide support for angle and curved pieces. Guides

also hold work so angles less than 30 degrees can be cut. Pointed screws level box and prevent it from sliding. Quadrant graduated in degrees and numbered for sawing 3, 4, 5, 6, 8, 12 and 24-sided figures. Self-clamping swivel locks in any position between numbered index holes.

Automatic catches hold saw above work—both hands can be used for placing work. Length stop for sawing duplicate pieces of practically any length. Other features of adjustment and operation in instructions furnished with each box.

Back, frame and graduated quadrant are one piece of cast-iron. Entire box strongly braced and absolutely rigid. Malleable iron legs practically unbreakable. Attractive finish—base, legs and swivel light blue, aluminum color back, board bright orange.

Complete With First Quality Back Saw

Capacity, inches: right angle—8 1/4, mitre 45°—5 1/2, without stock guide at 30°—3 1/4. Back saw 24x4 inches.

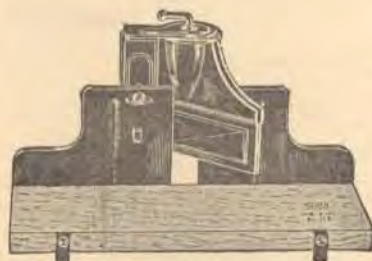
TB 244—Weight each 35 lbs. Each \$27.95

Capacity, inches: right angle—9 1/2, mitre 45°—6 1/2, without stock guide at 30°—4 1/4. Back saw 28x5 inches.

TB 358—Weight each 40 lbs. Each \$32.50

Sturdy, Low-Priced and Easy to Use

- Box can be set quickly for any angle of cut by loosening only one screw. Index plate marked for cutting angles from 5 to 50 degrees. Saw guide adjustable up and down—keeps guide close to work for accuracy. Back cut



away—easy to hold work while sawing.

Adjustable bench stops attached to base—hold box in position on bench while you are making a cut. Either back or panel saw can be used; back saw with 4-inch depth under back recommended for best results.

Back, saw guide and index plate heavy gauge wrought steel—welded and ribbed for extra strength. Base made of hard maple, finished with clear lacquer. Metal parts blued and lacquered.

Capacity depth 3 inches. Over-all dimensions 13 1/2 x 4 1/4 inches.

TB 116—Weight each 5 lbs. Each \$2.99

GEM—FOLDING

- Adaptable to any size or style of hand or back saw. Handy for carpenters, and household use. Will saw at angles of 45 to 90 degrees. Folds conveniently to compact width for carrying or

storing in small space.

Clear selected hardwood, smooth shellacked finish. Cast iron guides and locking pin. Steel hinges. Guides, locking pin and hinges plated with bright, durable finish. Bright finish screws. Size open: length 14 inches, height 3 1/4 inches, width 5 1/4 inches. Size closed: length 14 inches, height 3 1/4 inches, width 2 1/4 inches.

TB G1—Weight each 3 1/2 lbs. Each \$1.49

One in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

COMPASS SAWS

KEEN KUTTER

- Constructed to withstand strain of curve cutting. Thin back provides easy clearance. Sharp teeth afford fast-cutting action. Handle assures easy grip, securely fastened to blade.



Highest grade crucible spring steel blade, polished. Applewood handle with varnished edges. Two nickel-plated screws.

Nos.	Each	Length Blade, Inches	Wt. Per Dozen, Lbs.
TB K93/12	\$0.89	12	6
TB K93/14	.98	14	6½

One-half dozen in a carton.

EXTRA BLADES

TB K93B12—Polished. For TB K93/12 compass saws. Length 12 inches. Weight per dozen 2 lbs. Each \$0.45

TB K93B14—Polished. For TB K93/14 compass saws. Length 14 inches. Weight per dozen 2¼ lbs. Each .49

Packing—bulk.



High-grade crucible spring steel blade, polished. Beechwood handle with varnished edges. Two nickel-plated screws.

Nos.	Each	Length Blade, Inches	Wt. Per Dozen, Lbs.
TB K86/12	\$0.55	12	6
TB K86/14	.59	14	6½

One-half dozen in a carton.

EXTRA BLADES

TB K86B14—Polished. For TB K86/14 compass saws. Length 14 inches. Weight per dozen 2¼ lbs. Each \$0.29

Packing—bulk.

KLICKER



Good quality steel blade. Sharp, fast-cutting teeth. Beechwood handle firmly attached to blade

with two nickel-plated screws.

Nos.	Each	Length Blade, Inches	Wt. Per Dozen, Lbs.
TY 85/12K	\$0.25	12	6
TB 85/14K	.29	14	6¼

One-half dozen in a carton.



DISSTON

- Adjustable special cluster bolt and wing nut for reversing handle.

Crucible steel polished blade. Thin back. Beechwood handle. Length blade 12 inches.

TB 4—Weight per dozen 5 lbs. Each \$0.95

One-quarter dozen in a carton.

EXTRA BLADES FOR TB 4 COMPASS SAWS

TB 4B—Polished. Length 12 inches. Weight per dozen 2 lbs. Each \$0.50

One dozen in a carton.

INTERCHANGEABLE COMPASS SAWS

KEEN KUTTER



- Handle equipped with lever and screw for quick changing of blades—saves time and effort. Reversible for close places. Thin back of blade provides easy clearance. Sharp teeth cut with precision. Highest grade crucible spring steel blade, polished and etched with 6-inch rule etched on back. Carved and varnished applewood handle. Nickel-plated screw and tightening lever. Length blade 12 inches.

TB K95—Weight per dozen 6 lbs. Each \$0.75

One-half dozen in a carton.

EXTRA BLADES FOR TB K95 COMPASS SAWS

TB K95—Polished. Length 12 inches. Weight per dozen 2 lbs. Each \$0.29

Packing—bulk.

KEEN KUTTER



- Sharp blade holds long-lasting edge.
- Thin back prevents binding.

- Raised screws—handle easily reversed for close work. High grade crucible spring steel blade, polished and etched. Beechwood handle, with varnished edges. Two steel screws. Length blade 12 inches.

TB K92—Weight per dozen 5 lbs. Each \$0.59

One-half dozen in a carton.

EXTRA BLADES FOR TB K92 COMPASS SAWS

TB K92B—Polished. Length 12 inches. Weight per dozen 2 lbs. Each \$0.25

Packing—bulk.

INTERCHANGEABLE NESTS OF SAWS

KEEN KUTTER



- Thin back prevents binding.
- Raised screws for quick changing of blades.

- Cutting in close places easily accomplished with reversible handle.

All blades made of highest grade crucible steel assuring long, efficient service. Polished and etched blades. Key-hole blade for keyholes and sharp corners. Compass blade cuts curves and holes quickly, smoothly. Fast-cutting pruning blade. Beechwood handle, with varnished edges. Two steel screws.

TB K84—Includes: 1 handle (with screws), 1 keyhole blade 10 inches long, 1 compass blade 14 inches long, 1 pruning blade 16 inches long. Weight per dozen sets 9 lbs. Each \$0.75

One-quarter dozen sets in a carton.

EXTRA BLADES FOR TB K84 SAWS

Nos.	Each	Blade	Length Blade, In.	Wt. Per Doz., Lbs.
TB K84B	\$0.10	Keyhole	10	1½
TB K84C	.15	Compass	14	2
TB K84P	.19	Pruning	16	2¼

Packing—bulk.

EXTRA KEYHOLE AND COMPASS SAW BLADES

For No. 83 Nest of Disstons' Saws

Nos.	Each	Blade	Length Blade, In.	Wt. Per Doz., Lbs.
TB 83B	\$0.35	Keyhole	10	1½
TB 83C	.49	Compass	14	2

One dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEYHOLE SAWS

KEEN KUTTER

- Razor-like teeth cut keyholes and sharp corners with precision.
- Blade expertly and properly tempered to hold lasting edge.



Highest grade crucible spring steel blade. Thin back prevents binding. Applewood handle with varnished edges, securely attached to blade with 2 brass saw screws.

Length blade 10 inches.

TB K91—Weight per dozen 4 lbs. Each \$0.59

One-half dozen in a carton.

Iron Pad



Reversible—for cutting in places hard to reach. Butt end forms handy screw driver blade.

Highest grade crucible spring steel blade. Thin back prevents binding. Japanned malleable iron handle 4¼ inches long, 1¼ inches wide. Knurled nickel-plated thumb screw with round flat head provides quick, easy adjustment.

Length blade 7 inches.

TB KP—Weight per dozen 2½ lbs. Each \$0.49

EXTRA BLADES FOR TB KP SAWS

TB KB—Polished. Weight per dozen ½ lb. Each \$0.25

One dozen in a carton.

COPING SAWS

ADJUSTABLE

KEEN KUTTER



- Blade may be faced up, down or sideways. Flat steel frame nickel-plated—holds either 6 or 6½-inch blades. Black enameled wood handle with nickel-plated ferrule. Length handle 4 inches. Depth under back 4¼ inches. Length over all 11¼ inches.

TB K30—For 6 or 6½-Inch Blades. Complete with one 6½-inch blade. Weight per dozen 5½ lbs. Each \$0.35

One-half dozen in a carton.

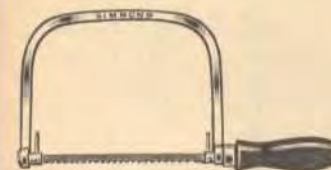
EXTRA BLADES FOR KEEN KUTTER COPING SAWS

TB KEB30—6½-inch. Cut from tempered saw steel. Pin ends. Weight per gross ¾ lb. 3 for \$0.05

One dozen in an envelope; one gross in a carton.

TB KB6½—6½-inch. Cut from tempered saw steel. Teeth filed and set. Pin ends. Weight per gross ¾ lb. 2 for \$0.05

One dozen in a package; one gross in a carton.



SIMMONS

- Pin end blade can be faced in any direction desired.

Heavy flat steel frame, nickel plated. Black finish, hardwood handle with nickel plated steel

ferrule. Length of handle 4 inches. Depth under back 5 inches. Length over all 11½ inches.

TB S25FC—Complete with one 6½-inch pin end blade. Weight per dozen 5 lbs. Each \$0.25

One dozen in a box.

COPING SAWS

KLICKER



Ends of frame are double notched so blade can be inserted in any position desired. Loop end blade.

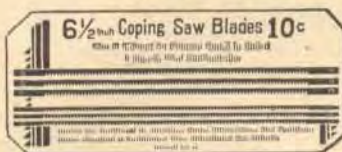
Heavy round steel frame, nickel plated. Red enameled hardwood handle with nickel plated ferrule. Length of

handle 4 inches. Depth under back 5 inches. Length over all 10 inches.

TB 10FCK—Complete with one 6-inch loop end blade. Weight per dozen 4 lbs. Each \$0.10

One dozen in a box.

COPING SAW BLADES



Good quality blades at a low price!

Polished carbon spring tempered steel. Pin ends. Length 6½ inches. Assorted widths ¾ and 1 inch.

TB 66½ C—Card of 6 blades. Assorted 3—½-inch and 3—¾-inch wide. Weight per dozen cards 1 lb. Each \$0.10

TB 36½ C—Card of 3 blades. Assorted 2—½-inch and 1—¾-inch wide. Weight per dozen cards ¾ lb. Each .05

One and two-thirds dozen in a carton.

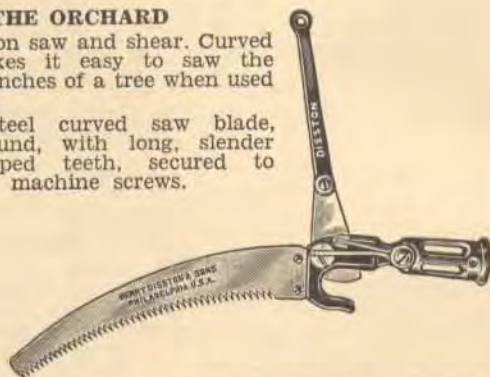
PRUNING SAWS

DISSTON—POLE PATTERN

THE ORCHARD

Combination saw and shear. Curved blade makes it easy to saw the higher branches of a tree when used with pole.

Disston steel curved saw blade, taper ground, with long, slender needle-shaped teeth, secured to hook with machine screws.



Malleable iron frame and socket. Cadmium plated to resist rust. Hardened and tempered Disston steel shear blade, with steel lever. Strong spring returns shear blade to open position. Hook will take limb up to ¾ inch.

Teeth per inch 8. Length saw blade 9½ inches. Length shear blade 4 inches, with 1½-inch cutting edge. Diameter socket 1½ inches. Length 2¼ inches.

TB 55—Weight per dozen 20 lbs. Each \$3.89



Blade attached to socket with a wing-nut adjustment which permits blade to be used at various

angles. Hook on socket for pulling branches out of trees and hanging saw when not in use.

Disston steel curved saw blade, taper ground, with long, slender, needle-shaped, 8 per inch.

Malleable iron socket, aluminized. Teeth per inch 8. Length blade 9½ inches. Diameter socket 1½ inches. Length 4 inches.

TB 111—Weight per dozen 12 lbs. Each \$2.39

One-sixth dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

PRUNING SAWS

Keep your trees, shrubbery and hedges attractively trimmed.

REGULAR PATTERN PRUNERS

KEEN KUTTER



Handle has large hand hole for gloved hand.

Highest grade crucible steel

blade, tempered, polished and etched. Has 2 cutting edges—one side plain cross-cut teeth with 8 points per inch, the other side lumberman or lightning style.

Stationary beechwood handle with varnished edges, securely attached to blade with 3 brass screws. Length blade 18 inches.

TB K102—Weight per dozen 9 lbs.....Each \$1.19

One-third dozen in a carton.



Easily Used in Narrow Places.

Swivel for adjusting blade to cut at 3 different angles.

Handle has larger and roomier opening than ordinary types, enabling operator to use comfortably when wearing a glove.

Polished flat steel frame, spring tempered, $\frac{3}{4} \times \frac{3}{8}$ inch. Beechwood handle with varnished edges, firmly fastened to frame with 3 brass screws. Highest grade crucible steel blade, tempered; blued finish.

Length blade 18½ inches, width ½ inch. Depth under back at heel 4¼ inches, under back at point ¾ inch.

TB K25/18—Weight per dozen 22 lbs.....Each \$2.39

EXTRA BLADES FOR TB K25/18 PRUNING SAWS

TB K25/18B—Weight per dozen 2 lbs.....Each \$0.35



ATKINS
Tuttle Tooth

Extra large and roomy opening in handle for gloved hand.

Finely tempered high-grade special steel blade, with extra sharp teeth, polished finish. Air-dried, varnished beechwood handle, Davey pattern, reinforced by dowel pin to make it rigid. Handle fastened to blade by 3 brass screws and 1 medallion. Fully lacquered and polished.

Length blade 20 inches, width at butt 5½ inches, width at point 1½ inches.

TB 40/20—Weight per dozen 17 lbs.....Each \$2.95

One-half dozen in a carton.

Curved blade tapers from point to butt for use in close quarters. Reverse rip teeth to cut on pull stroke. Comfortable grip handle.



KEEN KUTTER
CALIFORNIA
PATTERN
CRESCENT
CUT

• Razor-like cutting edge saws soft or hard wood. Highest grade crucible steel curved blade, polished and etched. Curved varnished beechwood handle rigidly attached to blade with 3 rust-resisting nickel-plated screws. Reverse teeth set and filed. Length blade 14 inches.

TB K103—Weight per dozen 9 lbs.....Each \$1.49



ATKINS—Long Handle

Atkins silver steel curved blade, tempered, ground and polished. Beechwood handle, fully lacquered, secured to blade with 2 nickeled screws. Hook back, draw cut, peg teeth, 5½ points per inch. Length blade 14 inches, width at butt 2¼ inches, width at point ¾ inch. Length over all 25 inches.

TB 23/14—Weight per dozen 11 lbs.....Each \$1.69



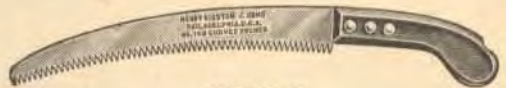
ATKINS

Atkins silver steel curved blade

Handsomely lacquered beechwood

handle, secured to blade with two nickeled screws. Needlepoint reverse peg teeth, seven points per inch. Length blade 14 inches, width at butt 1½ inches, width at point ¾ inch. Length over all 20½ inches.

TB 20—Weight per dozen 7 lbs.....Each \$1.49



DISSTON

Taper ground curved blade. Hardwood handle, lacquered orange color, secured to handle with 3 rivets. Reverse teeth, 8 points per inch. Length blade 14 inches, width at handle 1½ inches. Length over all 20½ inches.

TB 166—Weight per dozen 6½ lbs.....Each \$1.49

One-half dozen in a carton.

Build Your Home Work Shop with

KEEN KUTTER TOOLS

—They Do Fine Work and
They Last a Long Time

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

WOOD SAWS



SIMMONS

Hardwood frame, painted red and varnished. Single riveted double brace, with 26½-inch long arm and 22-inch tinned clipper steel stretcher rod.

Complete With Blade

TB S93/30—With No. TB S93030 Simmons Champion tooth blade. Weight per dozen 55 lbs.....Each \$1.49



KLICKEER

Hardwood frame, with single riveted double brace, painted red with 26-inch long arm. Plain clipper stretcher rod.

Complete with straight breast, bright finish blade.

Blades 30 Inches Long

TB 98K—With 1½-inch plain tooth blade No. TB 98KB30Each \$0.98

TB 125K—With 1¾-inch Champion tooth blade No. TB 125KB30.....Each \$1.09

Weight per dozen 50 lbs.
One-half dozen in a carton.

WOOD SAW BLADES

KEEN KUTTER

Highest grade crucible steel, patent ground and tempered. Full polished. Extra thin back. Teeth accurately filed and set. Straight breast.



Champion Tooth

TB K86B30—Length 30 inches. Width at center 2¼ inches. Weight per dozen 6¼ lbs.....Each \$0.75

SIMMONS

High grade crucible steel. Flat ground and tempered. Polished finish. Thin back. Teeth carefully set and filed. Straight breast.

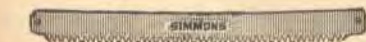


Common Tooth

Assorted 4½ to 5½ points.

Length 30 inches. Width at center 2 inches.

TB S910/30—Weight per dozen 5½ lbs.....Each \$0.49



Champion Tooth

Length 30 inches. Width at center 2 inches.

TB S930/30—Weight per dozen 5½ lbs.....Each \$0.59

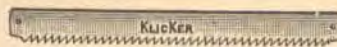
One dozen in a package.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

WOOD SAW BLADES

KLICKEER

• High-grade special steel, bright finish. Flat ground and tempered—teeth carefully filed and set. Straight breast.

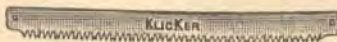


Common Tooth

Points per inch 4½.

Length 30 inches. Width at center 1½ inches.

TB 98KB30—Weight per dozen 5¼ lbs.....Each \$0.35



Champion Tooth

Length 30 inches. Width at center 1¾ inches.

TB 125KB30—Weight per dozen 6 lbs.....Each \$0.49

One dozen in a package.

SAW RODS



Controls blade tension. Polished steel rods.

Malleable turnbuckles.

sturdy wire loops 5 inches long. Length 22 inches.

TB 122—Weight per dozen 5 lbs.....Each \$0.25

One dozen in a package.

KITCHEN SAWS

KEEN KUTTER

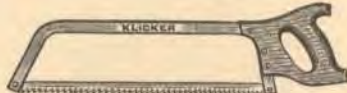


Sharp teeth provides faster, more even cutting. Comfortable grip makes sawing easier.

Polished flat steel back ½ x ¾ inches. Crucible steel blade, polished and etched—securely riveted to frame. Beechwood handle—with varnished edges—length 5¼ inches, width 4 inches. Handle securely fastened with 2 steel screws.

Nos.	Each	Depth		Length Under Back, Over All, Inches	Wt. Per Doz., Lbs.
		Length Blade, Inches	Under Back, Inches		
TB K01/14	\$0.79	14	3¼	18	12
TB K01/16	.89	16	3¼	20	13

KLICKEER



An economical and useful addition to any kitchen.

Polished flat steel back ½ x ¾ inches. Bright

steel blade, 14 inches long. Beechwood handle, length 5 inches. Handle firmly fastened with 3 screws.

Depth under back 3¼ inches, length over all 18¼ inches.

TB 1K14—Weight per dozen 10½ lbs.....Each \$0.59

One-half dozen in a carton.

BUTCHERS' SAWS

COLUMBIA



Sturdy frame. Wing thumb nut for easy adjustment.

Polished steel frame ¾ x ¾ inches. Blued spring steel

blade 1½ inches wide. Beechwood handle with varnished edges. Length 7 inches, with 3½-inch grip. Handle fastened with 3 steel screws.

Complete With Blade

Nos.	Each	Depth		Length Under Blade, Inches	Wt. Per Doz., Lbs.
		Length Blade, Inches	Under Back, Inches		
TB 25/18	\$1.49	18	4¾	24	25
TB 25/20	1.59	20	4¾	26	26½
TB 25/22	1.69	22	4¾	28	28
TB 25/24	1.89	24	4¾	30	30

One-third dozen in a carton.

BUTCHER SAW BLADES



KEEN KUTTER

Highest Grade Blue Steel
Continuous 25-foot length of crucible spring steel. Blade properly tempered and hardened. Teeth filed and set. Blade ready for use but not punched.

Nos.	Per Foot	Width, Inches	Teeth Per Inches	Weight Per Coil, Lbs.
TB KF 1/2	\$0.10	1/2	14	1 1/4
TB KF 3/4	.10	3/4	11	1 1/2
TB KF 1	.12	1	11	1 3/4

One coil in a carton.
Packaged in special cardboard container with full directions for use.

BUTCHER SAW PUNCHES



These small, powerful punches are just the thing for punching holes in ends of butcher saw blades as these blades are not usually punched for use when new. Punches 1 1/4-inch hole. Nickel-plated malleable iron frame. Polished steel screw and crossbar. Fine tool steel punch and die carefully tempered. Easy-action screw and lever. Length 5 3/4 inches.

TB 2M—Weight per dozen 6 lbs. Each \$1.00

One-twelfth dozen in a carton.

SAW SCREWS

• Regular pattern. Easily attached. Made of brass—strong, durable.

PLAIN HEAD



TB 1—Small size. For panel saws. Diameter head 1/2 inch. Length 3/4 inch. Each \$0.05

TB 2—Large size. For hand or rip saws. Diameter head 1 1/8 inch. Length 7/8 inch. Each .05

EMBOSSED HEAD



TB 20—Large size. For hand or rip saws. Diameter head 1 inch. Length 1 1/8 inch. Each \$0.10

Weight per dozen 1 lb.
One dozen in a cardboard box.

TB 1A—Assortment. Consists of 1/4 dozen No. TB 1 and 1/2 dozen No. TB 10. Per Box \$0.25

TB 2A—Assortment. Consists of 1/4 dozen No. TB 2 and 1/2 dozen No. TB 20. Per Box .30

One assortment (4 screws) in an individual box. One dozen boxes (48 screws) in a carton.
Weight per dozen boxes 2 1/2 lbs.

COMPASS SAW HANDLES



For No. TB 4 Disston's compass saws. Also for No. 3 Disston's interchangeable nest of saws.

Beechwood, varnished edges. Complete with one screw and lever tightening nut. Length over all 7 1/2 inches. Width 4 inches.

TB 4HC—Weight per dozen 4 1/2 lbs. Each \$0.49

One dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SAW HANDLES

DISSTON PATTERN



For No. D12 Disston hand and rip saws.

Fine applewood, bored. Fully carved and varnished. Without screws. Length over all 8 1/4 inches. Width 5 1/4 inches.

TB 12H—Weight per dozen 6 lbs. Each \$1.35

One dozen in a carton.



For No. D23 Disston 26-inch hand saw.

Fine applewood, bored ready for applying. Fully carved. Weather-proof finish. Without screws. Length over all 8 inches. Width 5 1/4 inches.

TB D23H—Weight per dozen 6 lbs. Each \$1.00



For No. D8 Disston 26-inch hand saws.

Fine applewood, bored ready for applying. Varnished edges. Without screws. Length over all 8 1/4 inches. Width 5 inches.

TB D8H—Weight per dozen 6 lbs. Each \$0.79

One-half dozen in a carton.



UNIVERSAL

Can also be used on KEEN KUTTER and other hand saws. Designed to fit Disston saws Nos. D7, D8, D12, D15 and D23—sizes 20, 24 and 26 inches.

Beechwood not bored. Varnished weather-proof finish. Length over all 8 inches. Width 4 3/4 inches.

TB 66—Weight per dozen 6 1/2 lbs. Each \$0.35

One dozen in a carton with one attractive display easel.

KLICKER

Good quality beechwood. Smooth belted. Not bored.



HAND AND RIP

For regular 26 and 28-inch hand and rip saws. Length over all 7 1/2 inches. Width 5 inches.

TB 1KH—Natural finish. Each \$0.29

TB 2KH—Varnished. Each .35

Weight per dozen 6 lbs.



PANEL

Varnished edges. For regular 18, 20 and 22-inch panel saws. Length over all 6 1/2 inches. Width 4 1/4 inches.

TB 2KP—Weight per dozen 4 1/2 lbs. Each \$0.29

One dozen in a carton.

HACK SAWS

PISTOL GRIP

KEEN KUTTER

- **Rugged construction.** Made of finest materials. High-grade steel frames, full nickel plated and polished. Back reinforced for extra strength. Best quality steel blade provides fast-cutting action.
- **Positive locking feature.** Frame adjustable to fit blades 8 to 12 inches long. Blade may be faced in any of four directions, securely tightened by nickel-plated screw.
- **Roomy handle.** Checkered black composition. Practically unbreakable. Shaped to fit hand comfortably. Sufficient space between frame and handle for gloved hand.



TB K48B—With one 8-inch blade. Weight per dozen 19 lbs. Each \$1.19



Extreme length, extended for 12-inch blade, 18 1/2 inches. Depth of throat 3 inches.

TY K75—With one 10-inch blade. Weight per dozen 16 lbs. Each \$0.69

One in a carton.

- Well made and finished. Popularly priced to give outstanding value. Positive locking feature—blade can be adjusted to face four ways... tightened with wing nut.



long. Extreme length, extended for 12-inch blade, 18 inches. Depth of throat 2 1/4 inches.

TY 2P—With one 8-inch blade. Weight per dozen 13 lbs. Each \$0.39

One-half dozen in a carton.



8 to 12 inches long. Locking device consists of notches on lower edges of sliding section engaging pin through frame. Depth of throat 2 3/4 inches. Extreme length, extended for 12-inch blade, 18 1/2 inches.

TY 340—With one 8-inch blade. Weight per dozen 11 lbs. Each \$0.29



locking feature—blade can be faced four directions... wing nut for tightening. Solid steel frame 1/2 x 3/4 inches, and rear brace. Black stained pistol grip wood handle. Adjustable for 8 to 10-inch blades. Depth throat 2 3/4 inches.

TB 2000—With one 8-inch blade. Weight per dozen 6 lbs. Each \$0.25

One dozen in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

METAL CUTTING SAWS

KEEN KUTTER

Especially suitable for use in wrecking and remodeling frame buildings. Will readily cut



through light metal, nails, etc. Makes smooth, even cut in wood—adapted for close-fitting and finishing work. Highest grade crucible spring steel blade. Full polished and etched. Extra fine, hard tempered teeth carefully filed but not set. Carved and varnished applewood handle. Polished screw and tightening lever. Teeth per inch 12. Length cutting edge 18 inches.

TB K10618—Weight per dozen 12 lbs. Each \$2.40

One-third dozen in a carton.

HANDY SAWS

ALLWAY



This handy saw cuts tubing, conduit, bone, lath, armored cable, bolts, nails, pipe and in fact everything except hardened steel.

The position of blade on handle can be changed to make it possible to use in four different directions without changing the natural position of the hand.

Unbreakable malleable iron handle. Black enameled tungsten steel saw (24 teeth per inch) with flexible back and hardened teeth. Length blade 7 1/2 inches. Length saw over all 10 1/4 inches.

TB AH25—Weight per dozen 4 lbs. Each \$0.25

One-half dozen on an attractive easel-back counter display card 12 1/2 x 18 1/4 inches.

EXTRA HANDY SAW BLADES



TB AH25EB—For Allway handy saw. Length over all 7 1/2 inches, 24 teeth per inch. Weight per dozen 1 lb. Each \$0.15

One dozen in a carton.

HACK SAW BLADES



STAR FLEXIBLE OR SOFT BACK

Tungsten steel, natural finish. Teeth set and sharpened.

Blue easel-back card 10 1/2 x 13 1/2 inches printed in bronze.

Consists of 1 dozen 10-inch "Moly" bronze finish hack saw blades — 1/2

dozen each **TB M1018** and **TB M1024**. Mounted on card. **TY 160**—Weight per assortment 1/2 lb. Each \$0.20



Here's a real value at a low price—a blade for every cutting job. First quality alloy steel, hardened and tempered, natural finish.

Each card holds three 10-inch carbon steel blades: two 18-tooth for general work and cutting steel of all kinds, one 24-tooth for iron, steel, brass, copper tubing, pipes, metal trim and sheet metal. Blades 1/2-inch wide.

TB 310—Weight per gross cards 13 lbs. Per Card \$0.10

One-sixth gross cards in a carton.

HACK SAW BLADES



KEEN KUTTER

- Will do a faster, better job than ordinary hack saw blades.
- Specially made to stand up longer under harder service.

Highest grade tungsten alloy steel, natural finish. Teeth accurately filed and set.

HARDENED

Spring tempered—will not break in frame. Made especially for rough usage.

For General Metal Cutting 14 Teeth Per Inch

Nos.	Each	Size, Inches
TB KR10	\$0.10	10x $\frac{1}{2}$ x.025
TB KR12	.10	12x $\frac{1}{2}$ x.025

For Sheet Metal or Tubing 24 Teeth Per Inch

TB KF10	\$0.10	10x $\frac{1}{2}$ x.025
TB KF12	.10	12x $\frac{1}{2}$ x.025

For Light Sheet Metal or Tubing 32 Teeth Per Inch

TB KFF10	\$0.10	10x $\frac{1}{2}$ x.025
TB KFF12	.10	12x $\frac{1}{2}$ x.025

FLEXIBLE

Hardened teeth, flexible back. For cutting in difficult positions.

For General Metal Cutting 18 Teeth Per Inch

Nos.	Each	Size, Inches
TB KSC8	\$0.10	8x $\frac{7}{16}$ x.025
TB KSC10	.10	10x $\frac{1}{2}$ x.025
TB KSC12	.10	12x $\frac{1}{2}$ x.025

For Sheet Metal or Tubing 24 Teeth Per Inch

TB KFSC8	\$0.10	8x $\frac{7}{16}$ x.025
TB KFSC10	.10	10x $\frac{1}{2}$ x.025
TB KFSC12	.10	12x $\frac{1}{2}$ x.025



SIMMONS

FLEXIBLE

Highest grade carbon steel, natural finish. Teeth set and sharpened.

Hardened teeth, flexible back. For cutting in difficult positions.

For General Metal Cutting 18 Teeth Per Inch

Nos.	Each	Size, Inches
TB SSC8	\$0.05	8x $\frac{7}{16}$ x.025
TB SSC10	.05	10x $\frac{1}{2}$ x.025
TB SSC12	2 for .15	12x $\frac{1}{2}$ x.025

For Sheet Metal or Tubing 24 Teeth Per Inch

TB SFSC8	\$0.05	8x $\frac{7}{16}$ x.025
TB SFSC10	.05	10x $\frac{1}{2}$ x.025
TB SFSC12	2 for .15	12x $\frac{1}{2}$ x.025

One-half gross in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

HACK SAW BLADES

STAR MOLYBDENUM—HEAVY DUTY

- Molybdenum is the vital element in this new blade. An American-mined product, it is used extensively by the government and American industry. By special processes, molybdenum has been adapted to produce a blade with the toughness and durability required in heavy-duty sawing. The blade is finished with a copper-colored rust-proofing material to assure its reaching the user in perfect condition. The teeth are accurately cut and properly set to assure maximum service.



ALL HARD

For Hand Saws

18 Teeth Per Inch—Thickness .025 Inch

Nos.	Each	Lgth., In.	Wid., In.	Wt. Per Doz., Oz.	Std. List, Per Doz.
TB M1018	\$0.30	10	$\frac{1}{2}$	7	\$3.33
TB M1218	.35	12	$\frac{1}{2}$	8	4.00

24 Teeth Per Inch—Thickness .025 Inch

TB M1024	.30	10	$\frac{1}{2}$	7	3.33
TB M1224	.35	12	$\frac{1}{2}$	8	4.00

Six dozen in a carton.

For Power Saws

Greatest efficiency is obtained by starting in machine with light feed and increasing weight as saw cuts into metal.

10 Teeth Per Inch—Thickness .065 Inch

No.	Each	Lgth., In.	Wid., In.	Wt. Per Doz., Oz.	Std. List, Per Doz.
TB M1710	\$1.25	17	1	3 $\frac{1}{2}$	\$14.28

One dozen in a carton.

STAR

Tungsten steel, natural finish. Teeth set and sharpened.



FLEXIBLE OR SOFT BACK

18 Teeth Per Inch

For general all-around purposes.

Nos.	Each	Lgth., In.	Wid., In.	Wt. Per Gross, Lbs.	Std. List, Per Gross
TB 1018F	\$0.10	10	$\frac{1}{2}$	5	\$10.00
TB 1218F	.15	12	$\frac{1}{2}$	6 $\frac{1}{2}$	12.00

24 Teeth Per Inch

For cutting tubing, brass and copper, wrought iron pipe, and other heavy metals.

TB 1024F	.10	10	$\frac{1}{2}$	5	10.00
TB 1224F	.15	12	$\frac{1}{2}$	6 $\frac{1}{2}$	12.00

SPECIAL FLEXIBLE

For general all-around purposes.

18 Teeth Per Inch

No.	Each	Lgth., In.	Wid., In.	Wt. Per Gross, Lbs.	Std. List, Per Gross
TB 1218SF	\$0.15	12	$\frac{1}{2}$	5 $\frac{3}{4}$	\$12.00

One-twelfth gross in a package; one-half gross in a cardboard box; weight per box 2 $\frac{3}{4}$ lbs.

STARRETT HACK SAW BLADES

PROPER BLADES TO USE

HAND

- 14-tooth—steel tubing, structural shapes, high speed steel and tool steel.
- 18-tooth—tool steel, hard metal and light angle iron.
- 24-tooth—drill rod, sheet metal.
- 32-tooth—thin tubing, thin sheet metal.

POWER

- 10-tooth—tool steel, cast iron, heavy angle iron, bronze and brass.
- 14-tooth—for steel tubing, structural shapes, high speed steel and tool steel.

"S-M" MOLYBDENUM

- Will do a better, faster job than ordinary hack saw blades on nickel and Monel metal . . . high speed, manganese or tool steel . . . phosphor bronze, solids, angles, pipe, rails and similar metals.

- These saw blades are the result of long, careful experimental work. They combine the newest developments in heat treating with the hard, long-wearing qualities of molybdenum.



Width $\frac{1}{2}$ inch. Thickness .025 inch.

Nos.	Each	Length, Inches	Teeth		List, Per Gross
			Per Inch	Gross, Lbs.	
TB 839SM12	\$0.35	12	14	6	\$48.00
TB 840SM10	.30	10	18	5½	40.00
TB 840SM12	.35	12	18	6	48.00
TB 841SM10	.30	10	24	5½	40.00
TB 841SM12	.35	12	24	6	48.00

One-half gross in a carton.



Nos.	Each	Size, Inches	Teeth		List, Per Dozen
			Per Inch	Dozen, Lbs.	
TB 850SM12	\$0.85	12x1x.065	10	2¾	\$10.08
TB 850SM14	1.00	14x1x.065	10	3	11.76
TB 850SM17	1.20	17x1x.065	10	3¾	14.28
TB 850SM18	1.25	18x1x.065	10	4	15.12
TB 853SM17	1.50	17x1¼x.065	10	4½	17.85
TB 853SM18	1.55	18x1¼x.065	10	5½	18.90
TB 860SM12	.85	12x1x.049	14	2½	10.08
TB 860SM14	1.00	14x1x.049	14	2¾	11.76
TB 860SM17	1.20	17x1x.049	14	3	14.28

One dozen in a carton.

TUNGSTEN ALLOY STEEL



Width $\frac{1}{2}$ inch. Thickness .025 inch.

Nos.		Length, Inches	Teeth		List, Per Gross
			Per Inch	Gross, Lbs.	
TB 10310	2 for 15c	10	18	5	\$10.00
TB 10312	10c each	12	18	6½	12.00
TB 10210	2 for 15c	10	24	5	10.00
TB 10212	10c each	12	24	6½	12.00

FLEXIBLE BACK TUNGSTEN ALLOY STEEL

Width $\frac{1}{2}$ inch. Thickness .025 inch.

TB 25010	2 for 15c	10	18	5	\$10.00
TB 25012	10c each	12	18	6½	12.00
TB 25210	2 for 15c	10	24	5	10.00
TB 25212	10c each	12	24	6½	12.00
TB 25810	2 for 15c	10	32	5	10.00
TB 25812	10c each	12	32	6½	12.00

HIGH SPEED STEEL

- Unusually flexible yet tough and hard for faster operation.

Width $\frac{3}{16}$ inch. Thickness .025 inch.

TB 84010	\$0.30	10	18	5	\$40.32
TB 84012	.35	12	18	6½	48.96
TB 84110	.30	10	24	5	40.32
TB 84112	.35	12	24	6½	48.96

One-half gross in a carton.



ALL HARD

Width $\frac{3}{4}$ inch. Thickness .049 inch.

Nos.	Each	Length, Inches	Teeth		List, Per Gross
			Per Inch	Gross, Lbs.	
TB 255C12	\$0.20	12	10	18	\$24.48
TB 255C14	.20	14	10	21½	28.56
TB 25512	.20	12	14	18	24.48
TB 25514	.20	14	14	21½	28.56

Width 1 inch. Thickness .049 inch.

TB 254B12	\$0.25	12	10	24½	\$32.64
TB 254B14	.30	14	10	27½	38.08
TB 254B17	.35	17	10	33	46.24
TB 254A12	.25	12	14	24½	32.64
TB 254A14	.30	14	14	27½	38.08
TB 254A17	.35	17	14	33	46.24

One-third gross in a carton.

EXTRA HEAVY POWER MACHINE TYPE

Width 1¼ inches. Thickness .065 inch.

TB 952C18	\$0.55	18	10	61½	\$6.30
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One-third gross in a carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SIMMONS CROSSCUT SAWS

WITHOUT HANDLES



Illustrating Gradual Curve Grinding

- **Steel**—Special analysis saw steel, polished and etched, most suitable for crosscut saws. These saws are unequalled for fast cutting, toughness, uniformity and edge-holding quality.
- **Curve Grinding**—Ground in a line parallel to the cutting edge of the saw. This gives the saw an even thickness throughout the tooth edge and a gradual taper from the tooth to the back. No binding in the kerf—permitting swift, easy cuts, with very little set.

WIDE BLADE



Perforated Lance Tooth—14x19 Gauge

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Wt. Each, Lbs.
TB S1055½	\$4.50	5½	5¾	5¾
TB S1056	5.00	6	6	7¼



Tuttle Tooth—14x20 Gauge

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Wt. Each, Lbs.
TB S3325½	\$4.50	5½	6¾	5
TB S3326	4.75	6	7	5½



Tuttle Tooth

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Gauge	Wt. Each, Lbs.
TB S1295	\$3.75	5	5½	15x19	4¾
TB S1295½	3.95	5½	5¾	14x18	5¾
TB S1296	4.50	6	6	14x18	7¼



Champion Tooth—14x16 Gauge

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Wt. Each, Lbs.
TB S1285½	\$3.75	5½	5¾	6
TB S1286	4.50	6	6	7½

- **Flared Rakers**—The flared raker works with a chiseling effect, gets under and lifts out the shavings. More efficient than the straight raker found on many saws or other makes, which merely scrapes. The flared raker makes sawing easy.
- **Outstanding Value**—These popular priced crosscut saws are the finest in their class. They offer you unparalleled service, long-life duty and super performance.

HALF WIDE BLADE



Perforated Lance Tooth—Curved Back—14x19 Gauge

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Wt. Each, Lbs.
TB S1335½	\$4.50	5½	5½	4½
TB S1336	5.00	6	5½	5½

HALF WIDE BLADE



Perforated Lance Tooth—14x19 Gauge

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Wt. Each, Lbs.
TB S1155½	\$4.50	5½	5½	4½
TB S1156	5.00	6	5½	5½



Dexter Tooth Pattern—14x19 Gauge

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Wt. Each, Lbs.
TB S1205½	\$4.50	5½	5¾	5½
TB S1206	4.75	6	5¾	7



Diamond Tooth—14x18 Gauge

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Wt. Each, Lbs.
TB S4045½	\$4.50	5½	5½	4½
TB S4046	4.75	6	5½	5½

Each saw individually packed in a fibre carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

CROSS CUT SAWS

WITHOUT HANDLES

SIMMONS

ATKINS'

- **Steel**—Special analysis saw steel, polished and etched. Most suitable for cross cut saws. These cross cut saws are unequaled for fast cutting, toughness, uniformity and edge holding quality.
- **Flared Rakers**—The flared raker works with a chiseling effect, gets under and lifts the shavings. More efficient than the straight raker found on many saws of other makes, which merely scrapes. The flared raker makes sawing easy.
- **Outstanding Value**—These popular priced cross cut saws are the finest in their class. They offer you unparalleled service, long-life duty and super performance.

FELLING MEDIUM WIDE BLADE



Tuttle Tooth—14x17 Gauge

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Wt. Each, Lbs.
TB S4055 1/2	\$4.25	5 1/2	4 1/2	5
TB S4056	4.50	6	4 1/2	5 1/2

NARROW BLADE



Perforated Lance Tooth—14x17 Gauge

Nos.	Each	Lgth., Ft.	Width Cntr., In.	Wt. Each, Lbs.
TB S3255 1/2	\$4.50	5 1/2	4 1/2	5
TB S3256	5.00	6	4 1/2	5 1/2

NARROW HOLLOW BACK BLADE



- **Taper ground** gradually thinner from teeth to back for easy running and fast cutting.

Perforated Lance Tooth—15 Gauge

Nos.	Each	Length, Feet	Width Center, Inches	Weight Each, Lbs.
TB S2055	\$2.59	5	3 1/4	4 1/2
TB S2055 1/2	2.89	5 1/2	3 1/4	4
TB S2056	3.19	6	3 1/4	4 1/2
TB S2145 1/2	3.30	5 1/2	3 3/4	4 1/8
TB S2146	3.65	6	3 3/4	4 1/2



Champion Tooth—15 Gauge

Nos.	Each	Length, Feet	Width Center, Inches	Weight Each, Lbs.
TB S2085	\$2.29	5	3 1/4	3 1/2
TB S2085 1/2	2.49	5 1/2	3 1/4	4
TB S2086	2.69	6	3 1/4	4 1/2



Diamond Tooth—15 Gauge

Nos.	Each	Length, Feet	Width Center, Inches	Weight Each, Lbs.
TB S2035	\$2.49	5	3 1/4	3 1/2
TB S2035 1/2	2.69	5 1/2	3 1/4	4
TB S2036	2.89	6	3 1/4	4 1/2

Each saw individually packed in a fibre carton.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

- **Forged from high grade tool steel**—polished and etched. Ground gradually thinner from teeth to back. Teeth filed and set.

WIDE BLADE



Segment Ground—even gauge throughout entire length of toothed edge. Taper from edge to back is uniform from end to end, assuring smooth cutting and free running.

Concave Tooth Dexter

No.	Each	Lgth., Feet	Width Center, Inches	Gauge	Weight Each Net, Lbs.
TB A220/6	\$7.50	6	7	14x19	6 1/2



Taper Ground—requires very little set and will not chatter or bind.

Tuttle Tooth

Nos.	Each	Lgth., Feet	Width Center, Inches	Gauge	Weight Each Net, Lbs.
TB A332/5 1/2	\$7.50	5 1/2	6 3/8	14x19	6
TB A332/6	7.95	6	7	14x19	6 3/4
TB A332 1/2 5 1/2	7.50	5 1/2	6 3/8	14x20	5 3/4
TB A332 1/2 6	8.25	6	7	14x20	6 1/2



VICTOR—PERFORATED LANCE TOOTH—GAUGE 14x18

Length 6 feet. Width at center 6 3/4 inches.

TB A225/6—Weight each 7 lbs. Each \$7.95



LONE STAR—DIAMOND TOOTH—14x18 GAUGE

Length 6 feet. Width at center 5 3/4 inches.

TB A223/6—Weight each 5 lbs. Each \$6.95

NARROW HOLLOW BACK BLADE

High grade special steel, polished and etched. Teeth filed and set.



DIAMOND TOOTH—14 GAUGE—FLAT GROUND

Nos.	Each	Length, Feet	Width at Center, Inches	Weight Each, Net, Lbs.
TB A384/5 1/2	\$3.95	5 1/2	3 1/4	4
TB A384/6	4.25	6	3 1/4	4 1/2

For shipment, one to six wide blade, or one to twelve narrow blade saws, as ordered, are fastened to a board weighing 7 lbs.

CROSS CUT SAWS

SIMONDS

- High-grade tool steel, polished and etched. Tempered to proper hardness. Teeth filed and set.

WIDE BLADE

Crescent ground in line parallel to cutting edge for even thickness throughout tooth edge and accurate taper from tooth to back—insures uniform cut.



Perforated Lance Tooth

Nos.	Each	Length, Feet	Width Center, Inches	Gauge	Weight Each, Lbs.
TB 324/5½	\$8.95	5½	5¾	15x20	5½
TB 324/6	9.95	6	5¾	14x19	5¾
TB 324/6½	11.95	6½	6¼	14x19	6½



Perforated Lance Tooth

Nos.	Each	Length, Feet	Width Center, Inches	Gauge	Weight Each, Lbs.
TB 133/5½	\$8.95	5½	5½	15x20	4½
TB 133/6	9.95	6	5¾	14x19	5
TB 133/6½	11.95	6½	6	14x19	5½
*TB 133/7	13.00	7	6½	14x19	6



Perforated Lance Tooth—14x19 Gauge

No.	Each	Length, Feet	Width Center, Inches	Weight Each, Lbs.
TB SC22/6	\$9.95	6	7	6¾

For shipment, one to six wide-blade or one to twelve narrow-blade saws, as ordered, are fastened to a board weighing 7 lbs.

MEDIUM WIDE BLADE

Taper ground—prevents binding and chattering.



Perforated Lance Tooth

Nos.	Each	Length, Feet	Width Center, Inches	Gauge	Weight Each, Lbs.
TB 202/5½	\$7.50	5½	5¾	15x20	5
TB 202/6	7.95	6	5¾	14x19	6

NARROW BLADE

Crescent ground in line parallel to cutting edge for even thickness throughout tooth edge and accurate taper from tooth to back—insures uniform cut.



Perforated Lance Tooth—14x17 Gauge

Nos.	Each	Length, Feet	Width Center, Inches	Weight Each, Lbs.
TB 325/5½	\$8.95	5½	4½	4
TB 325/6	9.95	6	4½	4½

Flat ground—will not bind or buckle.



Perforated Lance Tooth—14 Gauge

Nos.	Each	Length, Feet	Width Center, Inches	Weight Each, Lbs.
TB 214/5½	\$4.50	5½	3¾	4½
TB 214/6	4.95	6	3¾	4½

ONE-MAN SAWS

SIMMONS

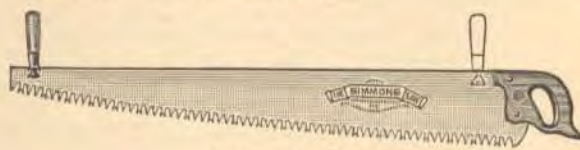
- High grade saw steel, tempered and carefully ground—polished and etched. Teeth skillfully filed and set.



Perforated Lance Tooth

Nos.	Each	Length, Feet	Weight Each, Lbs.
TB S3103½	\$3.10	3½	4
TB S3104	3.59	4	4¾
TB S3104½	4.19	4½	5½

- Regular (or butt) handle selected beachwood, finished in weatherproof lacquer. Supplementary handle plain beechwood with polished ferrule.



Champion Tooth

Nos.	Each	Length, Feet	Weight Each, Lbs.
TB S3032½	\$2.10	2½	2½
TB S3033	2.59	3	3¼
TB S3033½	2.98	3½	4
TB S3034	3.49	4	4¾
TB S3034½	3.79	4½	5½
TB S3035	4.19	5	6½

Each saw individually packed in a fibre carton.

Goods marked thus () are not carried in stock and can only be furnished by shipment direct from factory.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

CROSS CUT SAW HANDLES



KEEN KUTTER

- Selected hardwood handle stands greater strain—13½ inches long, smooth belted finish. Extra heavy malleable castings 3 inches long, painted red. Extra large, machine-made, slotted steel bolt, with wing nut and rivet.

TB K22—Weight per pair 2 lbs.....Per Pair \$0.75

STANDARD

Hardwood handle, smoothly finished. Natural finish malleable iron castings. Wing nut and rivet holds handle securely to saw.



Handle 13½ inches long, 1½ inches in diameter. Extra heavy castings 3 inches long. Extra large, heavy slotted malleable bolt.

TB 222—Weight per pair 2 lbs.....Per Pair \$0.65



CLIMAX REVERSIBLE PATTERN

Handle 13 inches long, 1½ inches wide. Castings 2½ inches long. Machined slotted steel bolt.

TB 100—Weight per pair 1½ lbs.....Per Pair \$0.50



CLIMAX REVERSIBLE PATTERN

Handle 13 inches long, 1½ inches in diameter. Castings 2½ inches long. Malleable slotted bolt.

TB 15—Weight per pair 1¼ lbs.....Per Pair \$0.50

STANDARD—LOOP PATTERN



Seasoned hardwood, belted finish. Heavy wrought steel ferrule adjusted with anti-friction washers. Long neck of malleable end cap threaded for loop bolt. Malleable iron loop bolt 11¼ inches long with 4-inch slot and strong, extra heavy, well cut threads. Length without loop 8½ inches. Diameter 1¼ inches.

TB 122—Weight per pair 1¾ lbs.....Per Pair \$0.98



Hardwood, smoothly finished. Malleable iron castings, natural finish. Heavy bell ferrule 1¼ inches long with notched revolving washer. Malleable loop 7½ inches long with 4½-inch slot. Length without loop 10½ inches. Diameter 1½ inches.

TB 8—Weight per pair 1¾ lbs.....Per Pair \$0.69



Clear, straight grained hardwood. Perfect castings and loop. Extra strong special loop bolt of ¾-inch half round, hard steel wire, twisted and threaded to form a ¾-inch shank—no welding. Loop bolt 6½ inches long with 4-inch slot. Length without loop 9¼ inches. Diameter 1¼ inches.

TB 30—Weight per pair 1¼ lbs.....Per Pair \$0.45

Ten pairs in a carton.

ONE-MAN SAW HANDLES



REGULAR OR BUTT

Selected beechwood. Plain sides, varnished edges. Not bored and without screws. Length 8½ inches. Width 5½ inches. Roomy hand hole 3¼x1¼ inches.

TB B—Weight per dozen 7 lbs.....Each \$0.39

One dozen in a cardboard box.



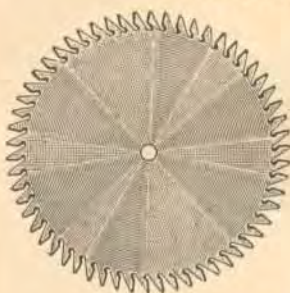
SUPPLEMENTARY OR POINT

Natural finish beechwood—length 5½ inches, diameter 1½ inches. Polished ferrule 1½ inches long. Malleable stretcher pin 3 inches long, with rivet and hook.

TB A—Weight per dozen 4 lbs.....Each \$0.29

Packing—bulk.

CORDWOOD SAWS



- Best grade steel. Uniformly hard and tough, tempered to points of sharp teeth—will not break off, split, crack or crumble. Assures long, satisfactory performance.
- Perfect tension insures proper balance for straight, clean cutting.
- Smooth, deep gullets—shaped for maximum cutting efficiency. Can be furnished with hole from 1 to 1½ inches.

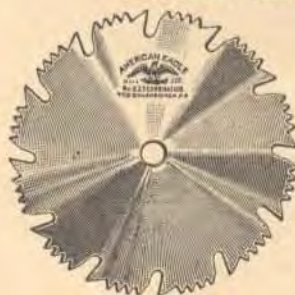
Diameter Hole 1½ Inches.

Nos. (Diam., Inches)	Each	Gauge	Number Teeth	Wt. Each, Crated, Lbs.
TB 18	\$ 3.25	13	48	8
TY 20	3.75	13	52	10
TY 22	4.45	12	56	14
TR 24	4.59	11	60	18
TR 26	5.19	11	64	20
TR 28	6.15	10	70	25
TR 30	7.19	10	76	30
TR 32	7.98	10	80	34
TY 34	11.79	9	80	43
TY 36	13.49	9	80	47

Packing—bulk.

CIRCULAR SAWS

AMERICAN EAGLE—COMBINATION



- Especially designed for use in home work shop or in shops where fast production is essential.
- Four cutting teeth to each raker tooth—may be used equally well for cross cutting and ripping. Raker tooth cleans sawdust from cut.
- Carefully made of high-carbon tempered saw steel—will stand fast feed without heating or binding in kerf. Brightly finished.

18-Gauge Steel—Filed and Set.

Nos.	Each	Diameter, Arbor Inches	Hole, In.	R.P.M.	Weight Each, Lbs.
TB E226½	\$1.49	6	½	6830	¾
TB E228½	1.95	8	¾	5700	¾

Packing—bulk.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SOLID TOOTH CIRCULAR SAWS



Cross Cut



Mill, Cut-Off, Trimmer, Lath, Slasher and
Top Saws

- Cut straight and true. Exact tension insures perfect balance for fast precision cutting—won't bind.
- Forged from best crucible steel to provide dependable service. Uniform temper for strength and toughness. Teeth hold razor-sharp edge, and stand great strain—corners will not crumble. Filed and set for clean, fast cutting.
- Each saw is warranted except as specified below*:

MANUFACTURERS' LIST PRICES

Diam., In.	Std. Fcty. List, Each	Extra for Each Heavier Gauge	Extra for Each Beveling Gauge	Thick- ness, Gauge	Size of Hole, In.	Shipping Weight Each, Lbs.	Diam., In.	Std. Fcty. List, Each	Extra for Each Heavier Gauge	Extra for Each Beveling Gauge	Thick- ness, Gauge	Size of Hole, In.	Shipping Weight Each, Lbs.
# 6	\$ 3.30	\$ 0.07	\$0.25	18	$\frac{3}{4}$	$\frac{3}{4}$	#40	\$ 62.00	\$ 3.40	\$2.95	9	2	100
# 8	4.40	.10	.35	18	$\frac{7}{8}$	1	#42	71.00	3.80	3.25	8	2	105
#10	5.60	.20	.45	16	1	1 $\frac{1}{2}$	#44	83.00	4.40	3.55	8	2	115
#12	7.00	.30	.55	15	1	2 $\frac{1}{2}$	#46	98.00	5.15	3.85	8	2	125
#14	8.50	.40	.65	14	1 $\frac{1}{8}$	3 $\frac{1}{2}$	#48	112.00	5.90	4.15	8	2	136
#16	10.50	.50	.75	14	1 $\frac{1}{8}$	4 $\frac{1}{2}$	#50	127.00	6.65	4.45	7	2	148
#18	12.50	.60	.90	13	1 $\frac{1}{4}$	6	#52	142.00	7.40	4.80	7	2	160
#20	15.00	.75	1.05	13	1 $\frac{1}{4}$	7	#54	157.00	8.80	5.15	7	2	170
#22	17.50	.90	1.20	12	1 $\frac{1}{2}$	10	#56	180.00	10.25	5.50	7	2	180
#24	20.50	1.05	1.35	11	1 $\frac{3}{8}$	13	#58	200.00	11.75	5.95	7	2	195
#26	24.00	1.25	1.55	11	1 $\frac{3}{8}$	16	#60	224.00	13.25	6.40	6	2	210
#28	28.00	1.50	1.75	10	1 $\frac{1}{2}$	21	#62	250.00	14.75	6.85	6	2	225
#30	32.00	1.75	1.95	10	1 $\frac{1}{2}$	24 $\frac{1}{2}$	#64	280.00	17.60	7.35	6	2	240
#32	36.50	2.00	2.15	10	1 $\frac{5}{8}$	27	#66	310.00	22.00	7.85	6	2	265
#34	41.00	2.25	2.35	9	1 $\frac{5}{8}$	33	#68	350.00	26.40	8.45	5	2	285
#36	47.00	2.60	2.55	9	1 $\frac{5}{8}$	40	#70	400.00	30.80	9.05	5	2	295
#38	54.00	3.00	2.75	9	1 $\frac{5}{8}$	49	#72	450.00	35.20	9.65	5	2	325

Note to dealer: The symbols "TX" apply to all items listed above.

All saws under 6 inches in diameter take list of 6-inch saw. All saws of odd diameters take list of next larger size. No extra charge for saws one gauge thicker than list. No extra charge for saws one to three gauges thinner than list; when more than three gauges thinner, add 5% for each gauge.

*Saws 48 inches and under, and 62 inches and over, in diameter, more than two gauges thinner than list not warranted. Saws 50 inches to 60 inches in diameter thinner than 10-gauge not warranted.

Saws 42 inches or less in diameter beveled one gauge without extra charge; 44 inches or larger beveled two gauges without extra charge. Saws hollow or concave ground, add for each additional gauge, hollow or concave ground, double the list for beveling.

Saws for cutting bone, horn or ivory, add 50% to the above list. When these saws are hollow or bevel ground the 50% advance is to apply only on the list of straight gauge saw, and not as extras for hollow or bevel grinding.

When ordering mill saws advise diameter, hand, gauge at center and rim, number of teeth, kind of lumber to be cut, speed of saw while buried in log (not while out of cut), H. P. of engine greatest feed, whether mandrel runs cool or warm and templet showing size of holes.

SKILLED CARPENTERS

KNOW AND PREFER

KEEN KUTTER SAWS

* Goods marked thus (*) are not carried in stock and can only be furnished by shipment direct from factory.

Prices quoted above are list prices established by manufacturer.

SAW TOOLS—for Cross-Cut Saws

• It's easy to keep your saws in excellent working condition with these saw tools. Compact and light—conveniently carried in tool kits.

Klicker and Atkins



Used as jointer



Used as raker tooth gauge



Used as side file

Block (see above), and hardened iron tooth-set gauge $3\frac{3}{4} \times 1\frac{1}{4}$ inches. Frame $5\frac{1}{4}$ inches wide, $2\frac{1}{4}$ inches high, with three $\frac{1}{2}$ -inch flanges.

TB CK—Klicker. Cast iron.....Each \$0.39

TB A—Atkins' Excelsior. Malleable iron.....Each .75

Weight per dozen sets 16 lbs.

One set in a carton. 12½ dozen sets in a case.

TB AB—Setting blocks (or anvils). Extra hardened iron. For saw tools TB K and TB A. Length $7\frac{1}{2}$ inches. Weight per dozen 8 lbs.Each \$0.25

Packing—bulk.



Frame



Used as jointer



Used as side file



Used as tooth set gauge



Used as setting block

SIMONDS' CRESCENT

Malleable iron, natural finish. Adjusting screw and 2 file screws. Frame $5\frac{1}{2}$ inches long, $2\frac{1}{4}$ inches high. Setting block, 7 inches long. Tooth set gauge $3\frac{1}{2}$ inches long, $1\frac{1}{2}$ inches wide. Without swage or setting hammer.

TB SC—Weight per dozen sets 24 lbs......Each \$1.95

One set in a carton.

SAW WEDGES



• Sawing is easier when you use this handy wedge. Keeps cut open—blade won't bind. Solid cast steel, properly hardened. Oil finish. With hole.

Nos.	Each	Length Over All, Inches	Width Bit, Inches	Weight Each, Lbs.
TB 2011½	\$0.45	6¾	2¾	1½
TB 2012	.49	7	2½	2

Packing—bulk.

SAW SETTING HAMMERS

Set your saws easier, quicker with these special design hammers

KEEN KUTTER



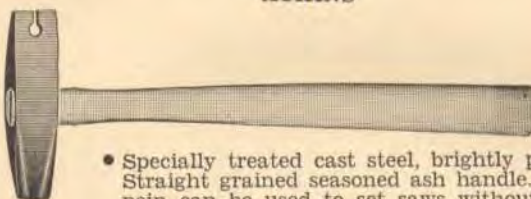
Drop forged from one solid piece of highest grade tool steel . . . thoroughly tested. **KEEN KUTTER** grade select white hickory handle fastened with **SIMMONS** patent wedge—insures safety. Plain eye. Dull black finish. Face, top and cross pein specially tempered and polished. Length over all $11\frac{1}{2}$ inches.

TB KBSS1—Weight without handle 7 ounces.

Weight per dozen 8 lbs.Each \$0.98

One-half dozen in a carton.

ATKINS'



• Specially treated cast steel, brightly polished. Straight grained seasoned ash handle. Slotted pein can be used to set saws without use of other saw setting tools. Plain eye. Plain face and slotted pein. Length over all $10\frac{1}{2}$ inches.

TB 2A—Weight without handle $6\frac{1}{2}$ ounces.

Weight per dozen $6\frac{1}{2}$ lbs.Each \$0.79

One dozen in a carton.

SAW SETS

"THE BULLER"



For setting cord wood rip, cut-off, pond ice and drag saws having not less than $\frac{3}{4}$ -inch from point to point.

Saves time and pays for itself in a short while.

Answers demand of farmers and saw-rippers everywhere.

With it teeth can be set uniformly, easily and quickly to factory accuracy without previous experience.

Fine grade malleable iron, black japanned finish. Adjustable gauge screw. Length $12\frac{3}{4}$ inches.

TB CB100—Weight per dozen 15 lbs......Each \$0.98

Two in a carton, with instructions.

KEEN KUTTER
quality

**SAVES YOU TIME, EFFORT
AND MONEY**

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SAW SETS

KLICHER



- Keep your saw blades well set for accurate cutting. Suitable for hand and other fine tooth saws. Skillfully constructed of good material for long, satisfactory service.

Malleable iron. Polished finish. Hardened steel anvil and plunger. Sliding gauge easily regulated by thumb nut. Loose lever handle at top. Length over all 6½ inches.

TB 16K—Weight per dozen 6 lbs.....Each \$0.39

One-half dozen in a wood box.

STANLEY'S "PISTOL GRIP" Adjustable

- For setting hand and other fine tooth saws.



Shape of body and handle enables user to operate tool easily. Saw firmly held against gauge while tooth is being set. Can be quickly adjusted with handy knurled thumb screw. Anvil graduated—same adjustment may be obtained for duplicate work.

Cast-iron handles and frame. Fine dull black finish. Lever handle equipped with coil spring. Tool steel plunger and anvil, hardened and tempered. Steel knurled set screws. Length at handle 4¾ inches.

TB 42—Weight per dozen 12 lbs.....Each \$2.00

One in a carton.

STANDARD, MORRILL PATTERN



For hand and other fine tooth saws.

Cast iron, full polished. Hardened steel plunger and anvil. Steel spiral spring, screws and sliding gauge. Loose lever handle at bottom. Sliding anvil regulated by thumb screw. Length over all 6½ inches.

TB 1MO—Weight per dozen 7 lbs.....Each \$0.75

One-half dozen in a carton.



For Champion or wide tooth cross-cut saws.

Malleable iron. Polished sides. Hardened steel plunger and anvil. Steel spiral spring, screws and sliding gauge. Loose lever handle at bottom. Sliding anvil regulated by thumb screw. Length over all 9¼ inches.

TB 4MP—Weight per dozen 19 lbs.....Each \$1.49

One-half dozen in a wood box.

A GOOD COOK NEEDS A
KEEN KOOKER
CAST IRON RANGE
—Just To Make Sure

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SAW SETS

STEARNS

- For setting hand and other fine-tooth saws.

Revolving eccentric anvil has required bevel and length of all saw teeth, ranging from 4 to the inch. Dial figures indicate number of teeth per inch. Check nut prevents gauge screw from working loose while setting saw.



Malleable iron, nickel-plated and polished. Hardened special tool steel plunger. Hardened anvil. Loose lever handle at bottom. Finely tempered steel spring. Length over all 7 inches.

TB 395—Weight per dozen 9½ lbs.....Each \$1.10

One-half dozen in a carton.

"PISTOL GRIP"—ADJUSTABLE

Malleable iron handles and frame. Black lacquered finish. Special hardened anvil. Finely tempered steel spring. Length 4¾ inches.

TB 795B—Weight per dozen 12 lbs.....Each \$1.00

One in a carton.



SAW CLAMPS

KEEN KUTTER



- Folding pattern for storing in small space. Angle and channel steel frame, black japanned. Polished steel eccentric lever on rubber-faced backjaw—locks saw securely against stationary jaw. Lever is below top of vise, entirely out of the way.

Folding table clamp, opens 2¾ inches. Length over all 12 inches, width 2¾ inches.

TB K500—Weight per dozen 36 lbs.....Each \$1.69

One-sixth dozen in a carton.



- Folding pattern for storing in small space. Angle and channel steel frame, black japanned. Polished steel eccentric roller with wire lever, locks saw securely against rubber-faced stationary jaw. ... Folding table clamp, opens 2¾ inches. Length over all 11½ inches, width 2¾ inches.

TB 670—Weight per dozen 25 lbs.....Each \$0.98

One in a carton.



Clamps to bench. Holds saw rigid. Plain jaws 9 inches long. Height adjustable from 8 to 9½ inches by side lever screw. Width 4¾ inches. Clamp has 1¾-inch opening.

TR 3—Weight per dozen 54 lbs.....Each \$0.95

Packing—bulk.

CHAMPION LUMBERING TOOLS

PEAVIES

Ruggedly constructed for hard service. Natural finish forged tool steel duck bill hook.



SOCKET PATTERN

Japanned malleable iron socket with lugs. Diamond pointed forged and polished steel pike. Length hook 15 inches. Length pike 4½ inches. Hook ⅞x⅞ inch.

Plain Finish Handles

TB 907—Rock Maple. Handle 5 feet long, 2½ inches in diameter at top of socket. Weight per dozen 135 lbs. **Each \$3.98**

TB 924—Hickory. Handle 5 feet long, 2½ inches in diameter at top of socket. Weight per dozen 140 lbs. **Each \$4.98**

TB 910—Rock Maple. Handle 5 feet long, 2¾ inches in diameter at top of socket. Weight per dozen 140 lbs. **Each \$4.69**

TB 46—Hickory. Handle 4 feet long, 2¼ inches in diameter at top of socket. Weight per dozen 120 lbs. **Each \$4.49**

TB 927—Hickory. Handle 5 feet long, 2¾ inches in diameter at top of socket. Weight per dozen 145 lbs. **Each \$5.69**

One-half dozen in a crate thoroughly protecting the hooks and handles.



RAFTING PATTERN

Japanned forged steel clasp. One-piece forged steel polished socket and pike. Rock maple handle 4½ feet long, 2½ inches in diameter at clasp. Length hook 15 inches. Length pike 4½ inches. Hook ½x1 inches.

TB 313—Weight per crate 60 lbs. Each \$3.89

One-half dozen in a crate.

PIKE POLES



With Pike and Hook

Constructed to withstand rough usage. Pike screwed into handle—won't come loose.

Japanned forged steel pike and hook. Heavy steel japanned ferrule. Selected ash handle 1¾ inches in diameter at top of ferrule. Thickness of pike at shank ⅞-inch. Thickness of hook ½-inch. Length of pike 8 inches. Length hook 3 inches.

Nos.	Each	Length Handle, Feet	Wt. Per Doz., Lbs.
TB 239	\$4.95	14	108
TB 240	6.50	16	120
TB 241	8.50	18	132

One-half dozen in a bundle.

CANT HOOKS

Built for Reliable Service



Japanned malleable iron clasp and extension toe ring. Natural finish handles. Natural finish forged steel duck bill hook. Steel clasp bolt.

Hook 1x⅞ Inches

TB 6—Rock maple handle 4½ feet long, 2½ inches in diameter at clasp. Swedes iron clasp and toe ring. Length hook 14 inches. Weight per dozen 96 lbs. Each \$3.45

TB 534—Selected hickory handle 4½ feet long, 2¾ inches in diameter at clasp. Malleable iron clasp and toe ring. Length hook 14 inches. Weight per dozen 119 lbs. Each 4.25

Hook ⅞x⅞ Inches

TB 451—Rock maple handle 3½ feet long, 2¼ inches in diameter at clasp. Swedes iron clasp and toe ring. Length hook 11 inches. Weight per dozen 80 lbs. Each 2.79

One-half dozen in a crate thoroughly protecting the hooks and handles.



Japanned malleable iron clasp and plain toe ring. Natural finish handles. Natural finish forged tool steel duck bill. Hook 1x⅞ inches. Steel clasp bolt.

TB 5—Rock maple handle 4½ feet long, 2½ inches in diameter at clasp. Length hook 14 inches. Weight per dozen 92 lbs. Each \$3.00

TB 15—Rock maple handle 5 feet long, 2½ inches in diameter at clasp. Length hook 13 inches. Weight per dozen 100 lbs. Each 3.25

TB 211—Hickory handle 4½ feet long, 2½ inches in diameter at clasp. Length hook 14 inches. Weight per dozen 105 lbs. Each 3.50

One-half dozen in a crate thoroughly protecting the hooks and handles.

CLIP TYPE



Japanned malleable iron clip and plain short toe ring. Natural finish handle. Natural finish forged tool steel duck bill. Hook ⅞x⅞ inch. Steel clip bolts.

Handle 2¼ inches in diameter at clip. Length hook 11 inches.

Handle 4½ feet long.

TB 470—Selected rock maple handle. Weight per dozen 85 lbs. Each \$2.95

TB 475—Selected hickory handle. Weight per dozen 90 lbs. Each 3.50

One-half dozen in a crate.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

CHAMPION LUMBERING TOOLS

TIMBER GRAPPLES



Will take logs or timber from 4 to 16 inches in diameter.

Rock maple, plain finish, handle 2½ inches in diameter at center. Japanned malleable iron clasp securely bolted to handle. Natural finish forged steel hooks, ¾ x ½ inches, attached to swivel clasp with steel bolts. Hooks 10¼ inches long. Handle 4½ feet long.

TB 429—Weight per dozen 94 lbs.....Each \$3.75

One-half dozen in a crate.

Extra Parts for Lumbering Tools

HOOKS ONLY

For Cant Hooks and Peavies

Forged from tool steel, natural finish. Duck bill hook.



Nos.	Each	Length, Inches	Width, Inch	Thickness, Inch	Wt. Per Doz., Lbs.
TB 565	\$1.49	12	1	½	22
TB 20	1.25	12	1	⅞	22
TB 21	1.09	11	¾	⅞	18

PIKE AND HOOK



Forged steel, japanned finish. Threaded shank. Length pike 8 inches, diameter ⅞ inch. Length hook 3 inches, diameter ½ inch.

TB 205—Weight per dozen 9 lbs.....Each \$1.09

Packing—bulk.

TOE RINGS



Forged from Swedes iron, japanned finish. Diameter 1¼ inches. Length 2 inches.

TB 24—Weight per dozen 5 lbs.....Each \$0.35

Malleable iron, japanned finish. Diameter 2 inches. Length 2¼ inches.

TB 25—Weight per dozen 5 lbs.....Each \$0.25

Packing—bulk.

CLASPS

For Cant Hooks and Peavies

Length 2¼ inches. Bolt hole ½ inch in diameter. Hand forged from Swedes iron, japanned. Diameter 2½ inches.

TB 22—Weight per dozen 11 lbs.....Each \$0.75

Malleable iron, japanned finish.

TB 23—Diameter 2½ inches. Weight per dozen 11 lbs.....Each \$0.69

TB 574—Diameter 2¾ inches. Weight per dozen 18 lbs.....Each \$0.75

Packing—bulk.

SKIDDING TONGS

CHAMPION



Forged from special octagon tong steel. Natural finish. Heavy round upset joints. Free-action joints. Wrought iron clevises, ring and grab hooks.

Nos.	TB 357	TB 499
Thickness Hooks, Inches	1	¾
Width, Open, Inches	24	21
Length Over All, Inches	32	30
Weight Per Pair, Lbs.	16	14
Each	\$7.50	6.50

Packing—bulk.

TIMBER GRAPPLE HANDLES



Skilfully turned from rock maple. Length 4 feet.

Diameter at center 2½ inches.

TB 770—Weight per dozen 40 lbs.....Each \$0.98

One-half dozen in a bundle.

LUMBERMEN'S HANDLES

CANT HOOK AND PEAVY

Expertly turned from selected lumber, natural finish. Tough, durable to withstand rough usage.



Rock Maple

Nos.	Each	Measurement	Wt. Per Doz., Lbs.
TB 2514	\$0.89	4 ft. x 2½ in.	40
TB 2514½	.98	4½ ft. x 2½ in.	47
TB 2515	1.09	5 ft. x 2½ in.	48

Selected Hickory

TB 2574½	\$1.39	4½ ft. x 2½ in.	56
TB 2575½	1.69	5½ ft. x 2½ in.	61
TB 2595½	2.25	5½ ft. x 3 in.	73

Two dozen in a crate.



Selected hickory. Hand-turned knob. Burnt rings. Highly polished linseed oil finish. Diameter at largest part 2¼ inches.

Nos.	Each	Measurement	Wt. Per Doz., Lbs.
TB 756	\$1.69	5 ft. x 2¾ in.	58
TB 757	1.89	5½ ft. x 2¾ in.	60

One-half dozen in a bundle.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

GLASS CUTTERS



KEEN KUTTER DIAMOND POINT

- Will cut all ordinary thicknesses of glass easily and accurately. Expertly constructed of highest quality materials.

Nickel-plated steel head and ferrule. Genuine cocoa handle, polished. Genuine diamond point at one end of head. Brass-plated steel guide wheel at reverse end. Head $1\frac{1}{8}$ inches long, $\frac{1}{8}$ inch wide. Length over all $3\frac{3}{4}$ inches.

#TB K25—Weight each 2 ounces.....Each \$6.95

One in a leather case in a cardboard box, with instructions for use.

RED DEVIL

For fast, smooth cutting.

- Long reach head, shaped at angle to make reach across glass easy. Smooth finger rest handle.
- Hardened steel wheel and pinion. Cast-iron head and handle. Head polished, handle painted red.



Turret head—the best cutter for painters and outside workers.

Turret head with 6 wheels. Sharp wheel always available—simply turn steel screw in center. Length handle 4 inches. Length over all 5 inches.

TB 48—Weight per dozen $1\frac{1}{4}$ lbs.....Each \$0.45



Ball Knob for Tapping
For rough ribbed and cathedral glass.

Length handle $3\frac{3}{4}$ inches. Length over all $5\frac{1}{4}$ inches.

TB O23—Weight per dozen $1\frac{1}{2}$ lbs.....Each \$0.19



Large Wheel for Pattern Cutting

For plate, heavy, laminated, and polished glass. Length handle $3\frac{3}{4}$ inches. Length over all 5 inches.

TB O31—Weight per dozen 1 lb.....Each \$0.19



Popular model Universal—
for sheet and general glass cutting.

Length handle $3\frac{1}{2}$ inches. Length over all 5 inches.

TB O24—Weight per dozen $\frac{3}{4}$ lb.....Each \$0.17

One in an individual carton. One dozen in a cardboard display box.

FLETCHER



"Gold Tip"

Cast, long-reach head and streamline finger handle with ball tip and beveled edges. Polished head, green handle with gold tip. Standard $\frac{7}{8}$ -inch wheel electrically heat treated for highest cutting efficiency and long life. Hard phosphor bronze bearings. Graphited wheel assembly—wheel runs smoothly. Length 5 inches.

TB O2—Weight per dozen 1 lb.....Each \$0.19

One in a box; one dozen in a carton.

Goods marked thus (#) are not carried in stock and can only be furnished by shipment direct from factory.

Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

GLASS CUTTERS

DURO



Cast iron head and handle. Bright polished head. Handle painted red. Hardened

steel wheel and pinion. Length handle $3\frac{3}{4}$ inches. Length over all $5\frac{1}{4}$ inches.

TB 10—Weight per dozen $\frac{3}{4}$ lb.....Each \$0.10

One dozen in a cardboard box.



Remarkable value at this low price! Red enameled handle. Cast long-reach head and ball tip handle.

Guaranteed wheel for general cutting. Length 5 inches.

TB 65—Weight per dozen $\frac{5}{8}$ lb.....Each \$0.10

One dozen in a carton.

RED DEVIL—CIRCLE SWEEP



Cuts circles 2 to 24 inches in diameter! Makes easy work of circular cuts in plain and plate glass. Steel bar, 12 inches long, $\frac{1}{2}$ inch square, graduated in inches to 16ths. Hardened steel cutting wheel and pinion. Red enameled metal base $1\frac{1}{2}$ inches in diameter—equipped with rubber mat to prevent slipping. Quick-change wheel feature. Bar secured to revolving upright by knurled edge set screw. Complete with 2 extra wheels.

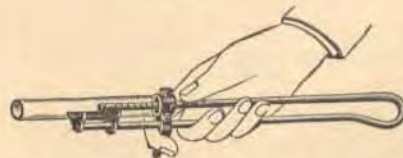
TB 263—Weight per dozen 6 lbs.....Each \$1.59

One in an individual carton, one dozen in a cardboard box.

GAUGE GLASS CUTTERS

RED DEVIL

The best made to-day—easily operated.



A high grade gauge glass cutter with trigger lever attachment and large rest for

tubes. Fitted with highest grade, easy-to-change wheel. Nickel-plated steel arms of $\frac{7}{8}$ inch round steel. Upper arm graduated in $\frac{1}{4}$ inch. Hardened steel wheel. Adjustable gauge with set screw and trigger lever attachment. Length over all 13 inches.

Operation—Set gauge on arm to size desired; insert upper arm in tube; pull on trigger lever until wheel strikes glass, then turn tube until cut.

TB 9—Weight per dozen 4 lbs.....Each \$1.59

One-half dozen in a cardboard box.

GLASS CUTTER WHEELS

HARDENED STEEL

- Assures easy, fast and accurate cutting. For glass cutters 10, 023, 024 and 031.

TB 242—Weight per dozen $\frac{3}{8}$ oz.....Each \$0.15

Packing—bulk.