

AXES AND LOGGING TOOLS



CATALOG
Number 14

WARREN AXE & TOOL CO., WARREN, PA.

50680 45-



AXES AND LOGGING TOOLS



CATALOG NO. 14

WARREN AXE & TOOL CO.
WARREN • PENNSYLVANIA

• I N T R O D U C T O R Y •

In presenting this catalog, the Warren Axe & Tool Company would call your attention to the fact that we are constantly on the alert to improve, wherever possible, the quality of our product. We have adopted the latest approved, electrically-controlled equipment for tempering axes, and have recently installed other special heat-treating equipment which enables us to produce a better product than ever before.

Over forty years of a highly successful and steadily increasing business is the best proof and strongest confirmation of the high grade and sterling qualities of our SAGER SPECIAL CHEMICAL PROCESS brand of axes and our line of BULL DOG LOGGING TOOLS. The fact, that SAGER AXES and BULL DOG LOGGING TOOLS are manufactured from the best materials obtainable, by workmen highly skilled in these special lines, has made these brands the standards in all the principal logging camps.

We are the sole owners of the SAGER PATENT CHEMICAL PROCESS for treating metals, as per letters patent. The best grade steel is used exclusively in our highest-grade axes and branded SAGER SPECIAL CHEMICAL PROCESS. Our BULL DOG LOGGING TOOL BRAND is protected by U. S. copyright. Any infringements on our patents or copyrights will be promptly prosecuted.



A X E S

Our factory capacity is 3000 Hand Forged Axes daily, which insures prompt deliveries.

Our axes are HAND FORGED, which enables us to work the steel more thoroughly, thereby making it tougher than is possible by other processes used by some manufacturers to lessen cost.

In addition to the SAGER AXE and our regular factory brands, we manufacture axes for hundreds of the most particular jobbers in the country under their own private brands, in both single and double bits, in all patterns, weights, and finishes.

Our constant motto is "*Not how cheap,*" but "*How good.*" We cater only to the trade demanding *highest quality.*

THE SAGER PATENT CHEMICAL PROCESS AXE

Why is this axe demanded in all sections of the United States by the largest and most particular lumber operators and sold in solid car-lots to the large wholesale hardware trade?

The reasons are simple enough:

HAND FORGED—This eliminates the possibility of overheating the bit steel, as is often done under the cheaper drop-forging process. A hand-forged tool is always preferred by those demanding an article of quality and merit.

REFINING STEEL—Each Sager Axe receives several hundred blows under the hammer, thereby thoroughly working and refining the steel, which accounts largely for its toughness and ability to stand hard usage. The ordinary axes on the market receive a comparatively small amount of refining, under their cheaper methods of manufacture.

TEMPERING—The Sager Axe is tempered by a process which requires double the time required for ordinary run of product, but when finished it is *right*. The Warren Axe & Tool Company are the exclusive owners of the SAGER PATENT CHEMICAL PROCESS for the treatment of steel. Natural gas is used which gives the most uniform heat for tempering.

COLOR—The natural blue color of the Sager is obtained solely from our special tempering process and insures perfect temper.

INSPECTION—All Sager Axes are carefully inspected in each department and subjected to a rigid test by striking the blade several heavy hammer blows, thereby detecting any imperfections.

MATERIAL—Nothing but the very finest quality of axe bit steel is used in its manufacture.

WARRANTY—All Sager Patent Chemical Process Axes are warranted, and any such truly defective axes will be replaced without charge.

IN SHORT—The Sager Patent Axe is the embodiment of all the skill, care, and life experience of some of the oldest and most prominent axe experts in the country, honestly made, and the quality which we claim is universally recognized.

PRICE—Your nearest jobber can furnish the Sager Patent Axe at a price only a little higher than you would have to pay for an inferior product. If your jobber does not sell the Sager Patent Axe, write us and we will see that your wants are supplied.

THE SAGER AXE is manufactured by THE WARREN AXE & TOOL CO., WARREN, PA., and by them only, and has the only Genuine Sager Label copyrighted and owned solely by them. Like all good things it has its imitators.



INSIST ON HAVING THE ONLY GENUINE SAGER AXE WITH THIS LABEL

The GENUINE SAGER AXE is warranted against flaws or any fault of manufacture. This Axe is made from the highest grade STEEL. The bits are forged by HAND and thoroughly HAMMERED—in this way refining the steel as can be done in no other manner, and GROUND before TEMPERING, avoiding all danger of drawing the TEMPER. The COLOR is the NATURAL COLOR just as it comes from the TEMPERER. It is dipped in transparent lacquer to prevent rust, and the color is proof that the axe is of the proper TEMPER. There is nothing covered up by paint or fancy finish—the Axe is just what it appears—the BEST AXE MADE today. Each bit receives individual treatment in forging and tempering to enable it to give most satisfactory service.



T H E S A G E R B R A N D A X E



"MICHIGAN" OR "CROWN" PATTERN

Always specify weight, pattern and brand; also grade and length of handles.

Packed in assorted weights to suit the customer.

These patterns may be had in any of our regular brands and finishes.

These axes are *not* painted. They are dipped in transparent lacquer so every buyer can see for himself that the temper color of each axe shows the axe is properly tempered.



"MICHIGAN" OR "CROWN" PATTERN



"DAYTON" PATTERN



"BALTIMORE JERSEY" PATTERN

Hand forged and hand tempered . . . Made in all standard patterns . . . Natural blue finish.

T H E S A G E R B R A N D A X E



"WESTERN" PATTERN



"REVERSIBLE" PATTERN

Always specify weight, pattern and brand; also grade and length of handles.

Packed in assorted weights to suit the customer.

These patterns may be had in any of our regular brands and finishes.

These axes are *not* painted. They are dipped in transparent lacquer so every buyer can see for himself that the temper color of each axe shows the axe is properly tempered.



"PUGET SOUND FALLING" PATTERN



"WISCONSIN" PATTERN

Hand forged and hand tempered . . . Made in all standard patterns . . . Natural blue finish.

REGULAR FACTORY BRANDS

WARREN BRAND



**"DAYTON" PATTERN
BLACK ANTI-RUST FINISH**

WARREN Y. A. BRAND



**"KENTUCKY" PATTERN
YOUNG AMERICA FINISH**

OLD FAITHFUL BRAND



**REVERSIBLE PATTERN
ANTI-RUST—FEATHER EDGE**

FOREST KING BRAND



**"DAYTON" PATTERN
GOLD BRONZE FINISH**

MONARCH BRAND



**"CONNECTICUT" PATTERN
GUN METAL FINISH**

Always specify weight, pattern and brand; also grade and length of handles.

Packed in assorted weights to suit the customer.

All standard patterns may be had in any of our regular brands and finishes.

REGULAR FACTORY BRANDS

WARREN CELEBRATED BRAND



"MICHIGAN" PATTERN
BLACK ANTI-RUST FINISH

BODARC BRAND



"WESTERN CROWN" PATTERN
RED POLL, BLUE BEVEL

SILVER STEEL BRAND



"WESTERN" PATTERN
FULL POLISHED, BLUE BEVELS

ROMER BRAND



"BALTIMORE KENTUCKY" PATTERN
BLUE OR GOLD POLL

OLD FAITHFUL



"CEDAR" PATTERN
ANTI-RUST—FEATHER EDGE

Always specify weight, pattern and brand; also grade and length of handles.

Packed in assorted weights to suit the customer.

All standard patterns may be had in any of our regular brands and finishes.

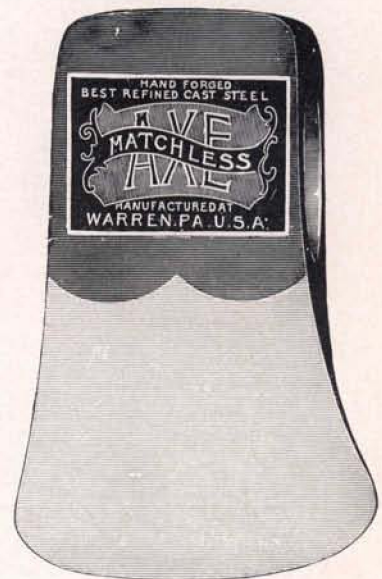
REGULAR FACTORY BRANDS

HIAWATHA BRAND



"MICHIGAN" PATTERN
BLACK—BRIGHT EDGE

MATCHLESS BRAND



"MICHIGAN" PATTERN

LAKE CITY BRAND



"YANKEE" PATTERN

A small percentage of our axes have slight defects and for this reason will not go into our regular first quality brands. We will furnish these under these brands and finishes at a slightly lower price than the regular first quality brands. These axes can be furnished handled or unhandled as specified and all orders for this grade are taken subject to stock. We will take orders for Double Bits in this grade with black finish and Hiawatha labels only subject to stock. Furnished in Matchless Red Poll, Uncle Sam Blue Poll, Lake City Gold Poll, Hiawatha Finish.

Always specify weight, pattern and brand; also grade and length of handles.

Packed in assorted weights to suit the customer.

UNCLE SAM'S BRAND



"DAYTON" PATTERN

All standard patterns may be had in any of our regular brands and finishes.

M I S C E L L A N E O U S A X E S

BOYS' HANDLED AXES



- No. 1 26" handle, 2 lbs.
 No. 2 28" handle, 2 1/4 lbs.
 No. 3 28" handle, 2 3/4 lbs.

Boys' axes can be furnished in the following brands and finishes:

SAGER—Natural Blue Bright Edge Fully Warranted.
 BODARC—First Quality Red Poll Blue Bevel.
 WARREN—First Quality Full Polished and Surface Etched.
 FOREST KING—First Quality Gold Poll.
 OLD FAITHFUL—First Quality Anti-Rust Bright Edge.
 MONARCH—First Quality Gun Metal Bright Edge.
 BLACK KING—First Quality Natural Black Bright Edge.
 ROMER—First Quality Bronze or Painted Poll.
 UNCLE SAM—Second Quality Phantom Bevel Painted.
 LAKE CITY—Second Quality Bronze or Painted Poll.
 HIAWATHA—Second Quality Natural Black, Bright Edge.
 Boys' Axes are packed in open boxes with handles bur-lapped.

HOUSE AND FREIGHTERS AXES

HOUSE AXES—Handled with 19" handles take price of 50c dozen less than Boys' Handled Axes corresponding grade and size.
 FREIGHTERS AXES—2 3/4 lbs. with 30" or 32" han-

dles 90c dozen advance over No. 2 Boys' Handled Axes corresponding brand and finish.
 DAYTON PATTERN. Heavier than 2 3/4 lbs. take regular Men's Handled Axe price.

HUNTER'S AND SPORTSMAN'S AXES AND AXE PATTERN HATCHETS—HANDLED

Hunter's axes have curved handles without knob.
 Axe pattern hatchets have hatchet handles.
 Sportsman and Scout Axes have curved handles with knob.
 Sportsman and Hunter Axes are packed 1/2 dozen in carton and 4 to 6 dozen to case.

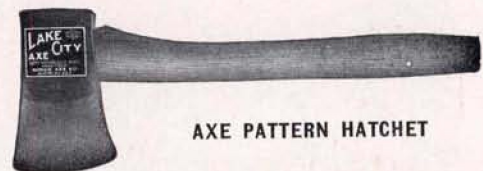
- No. 0. .14" handle, 1 1/4 lbs. No. 2. .18" handle, 1 3/4 lbs.
 No. 1. .16" handle, 1 1/2 lbs. No. 3. .19" handle, 2 lbs.

All the above patterns furnished in the following brands and finishes:

SAGER—Natural Blue Fully Warranted.
 WARREN—Full Polished and Surface Etched.
 OLD FAITHFUL—Anti-Rust, Feather Edge.
 FOREST KING—Gold Poll.
 BLACK KING—Natural Black Bright Edge.
 MONARCH—Gun Metal Bright Edge.
 ROMER—Bronze or Painted Poll or Rough Black.
 LAKE CITY—Second Quality Bronze or Painted Poll or Rough Black.
 HIAWATHA—Second Quality Black Bright Edge.



HUNTER'S AXE



AXE PATTERN HATCHET



SPORTSMAN'S AXE

SCOUT AXES WITH NAIL SLOT

Furnished in following brands and finishes with or without sheaths as ordered:



WARREN—Full Polished and Surface Etched.
 BLACK KING—Natural Black, Bright Edge.

OLD FAITHFUL—Anti-Rust, Feather Edge.
 ROMER—Full Polished.
 UNCLE SAM—Rough Black.

WARREN SPECIAL CAMP AXE



Weight 1 3/4 lbs. 16" white hickory handle.

Made with Tool Steel bit. The very wide and extremely thin cutting edge makes this the most efficient and satisfactory small axe on the market.

Illustrated in Old Faithful Brand. Velvet black anti-rust finish. Other brands and finishes as desired. Leather sheaths supplied when ordered.

M I S C E L L A N E O U S A X E S

WARREN CRUISER AXES



Weight 2 lbs. or 2½ lbs. Fitted with 19" or 28" white hickory handle. These axes are of highest quality, made with high grade tool steel bits, electrically tempered.

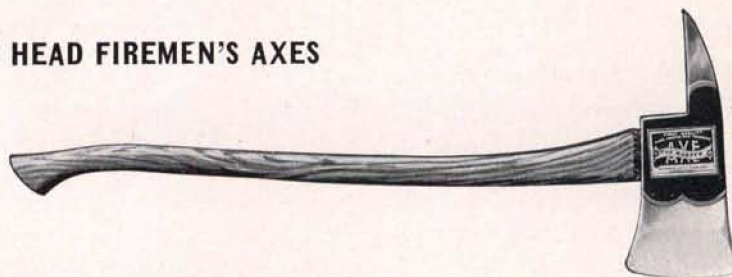
Old Faithful Brand in illustration. Can be supplied in other first quality finishes, and with or without leather sheaths.

SMALLEST DOUBLE BIT AXE MADE

Same pattern as above in one pound weight, with 16" handle. With or without leather sheath. Furnished in either Sager or first quality brands.

PICK HEAD FIREMEN'S AXES

Red poll, polished bit and 36" Hickory handles painted red. Furnished in weights from 3 to 7 pounds.



WARREN MULTI-USE TOOL



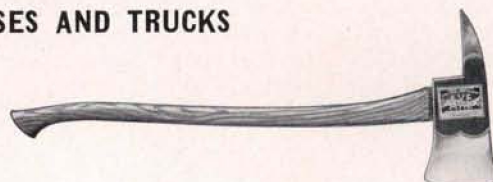
This tool, which is an axe on one end, and a grub hoe or mattock on the other, has a multitude of uses.

Both ends are made of high grade tool steel. Weight 3¾ lbs. Furnished handled or unhandled.

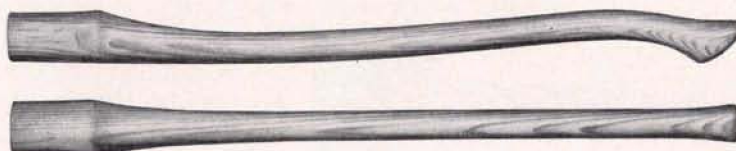
Illustrated in Warren brand, red poll with polished bits. Other finishes available as desired.

LIGHT WEIGHT FIREMEN'S AXES FOR BUSES AND TRUCKS

Red Poll, Polished Bit and Pick, with 24" Red Handles. Weight 2¾ lbs. Furnished with or without wall brackets.



AXE HANDLES



Made from best second-growth seasoned hickory and turned to fit axes, hookaroons or grab skippers. Made in Extra Quality and Number 1 Grade in 30-, 32-, 34- or 36-

inch single or double bit. Be sure to specify length handle wanted and whether single bit or double bit.

STANDARD AXE LIST

SHOWING WEIGHTS IN EACH GROUP

BASE GROUP

All 2 lbs. or $2\frac{1}{4}$ or $2\frac{1}{2}$ or $2\frac{3}{4}$ or 3 or $3\frac{1}{4}$
or $3\frac{1}{2}$ lbs., or assorted

$2\frac{3}{4}$ to $3\frac{3}{4}$	3 to $3\frac{1}{2}$	3 to 4
$2\frac{3}{4}$ to 4	3 to $3\frac{3}{4}$	$3\frac{1}{4}$ to $3\frac{1}{2}$
3 to $3\frac{1}{4}$		$3\frac{1}{4}$ to $3\frac{3}{4}$

Total weight not over 42 lbs.

No Axe over 4 lbs.

GROUP 2

All $3\frac{3}{4}$ lbs. or 4 lbs., or assorted

3 to $4\frac{1}{4}$	$3\frac{1}{4}$ to $4\frac{1}{2}$	$3\frac{1}{2}$ to $4\frac{1}{4}$
3 to $4\frac{1}{2}$	$3\frac{1}{2}$ to $3\frac{3}{4}$	$3\frac{1}{2}$ to $4\frac{1}{2}$
$3\frac{1}{4}$ to 4	$3\frac{1}{2}$ to 4	$3\frac{3}{4}$ to 4
$3\frac{1}{4}$ to $4\frac{1}{4}$		$3\frac{3}{4}$ to $4\frac{1}{4}$

Total weight not over 48 lbs.

No Axe over $4\frac{1}{2}$ lbs.

GROUP 3

All $4\frac{1}{4}$ lbs. or $4\frac{1}{2}$ lbs., or assorted

$3\frac{1}{2}$ to $4\frac{3}{4}$	$3\frac{3}{4}$ to 5	4 to $4\frac{3}{4}$
$3\frac{1}{2}$ to 5	4 to $4\frac{1}{4}$	4 to 5
$3\frac{3}{4}$ to $4\frac{1}{2}$	4 to $4\frac{1}{2}$	$4\frac{1}{4}$ to $4\frac{1}{2}$
$3\frac{3}{4}$ to $4\frac{3}{4}$		$4\frac{1}{4}$ to $4\frac{3}{4}$

Total weight not over 54 lbs.

No Axe over 5 lbs.

GROUP 4

All $4\frac{3}{4}$ lbs. or 5 lbs., or assorted

4 to $5\frac{1}{4}$	$4\frac{1}{4}$ to $5\frac{1}{2}$	$4\frac{1}{2}$ to $5\frac{1}{4}$
4 to $5\frac{1}{2}$	$4\frac{1}{4}$ to $5\frac{3}{4}$	$4\frac{1}{2}$ to $5\frac{1}{2}$
4 to $5\frac{3}{4}$	$4\frac{1}{4}$ to 6	$4\frac{1}{2}$ to $5\frac{3}{4}$
4 to 6	$4\frac{1}{2}$ to $4\frac{3}{4}$	$4\frac{1}{2}$ to 6
$4\frac{1}{4}$ to 5	$4\frac{1}{2}$ to 5	$4\frac{3}{4}$ to 5
$4\frac{1}{4}$ to $5\frac{1}{4}$		$4\frac{3}{4}$ to $5\frac{1}{4}$

Total weight not over 60 lbs.

No Axe over 6 lbs.

GROUP 5

All $5\frac{1}{4}$ lbs. or $5\frac{1}{2}$ lbs., or assorted

$4\frac{3}{4}$ to $5\frac{1}{2}$	5 to $5\frac{1}{4}$	5 to 6
$4\frac{3}{4}$ to $5\frac{3}{4}$	5 to $5\frac{1}{2}$	$5\frac{1}{4}$ to $5\frac{1}{2}$
$4\frac{3}{4}$ to 6	5 to $5\frac{3}{4}$	$5\frac{1}{4}$ to $5\frac{3}{4}$

Total weight not over 66 lbs.

No Axe over 6 lbs.

GROUP 6

All $5\frac{3}{4}$ lbs. or 6 lbs., or assorted

$5\frac{1}{4}$ to 6	$5\frac{1}{2}$ to $5\frac{3}{4}$	$5\frac{1}{2}$ to $6\frac{1}{2}$
$5\frac{1}{4}$ to $6\frac{1}{4}$	$5\frac{1}{2}$ to 6	$5\frac{3}{4}$ to 6
$5\frac{1}{4}$ to $6\frac{1}{2}$	$5\frac{1}{2}$ to $6\frac{1}{4}$	$5\frac{3}{4}$ to $6\frac{1}{4}$

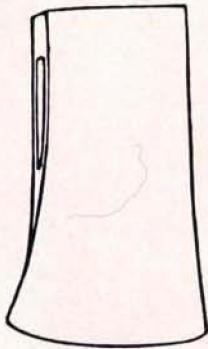
Total weight not over 72 lbs.

No Axe over $6\frac{1}{2}$ lbs.

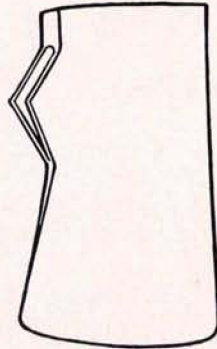
GROUP 10 . . . 8 LB. AXES

S A G E R A N D W A

SAGER AND WARREN BRAND AXES are made in all the patterns shown. Each section of the United States uses a particular style of axe and the type you prefer can be found on these pages.



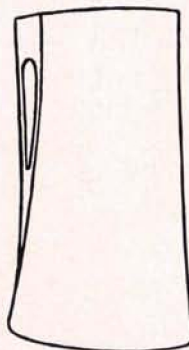
YANKEE



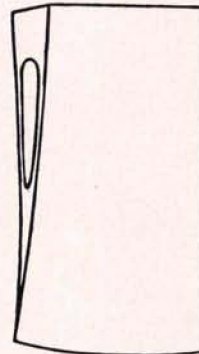
KENTUCKY OR SOUTHERN KENTUCKY



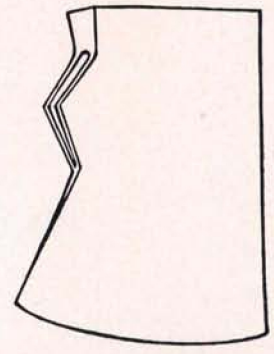
MICHIGAN



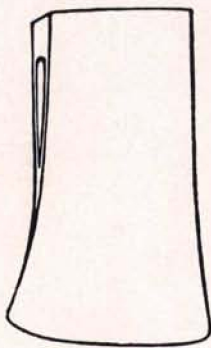
MAINE



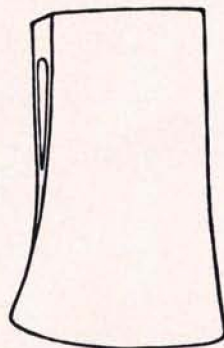
WEDGE



JERSEY OR BALTIMORE JERSEY



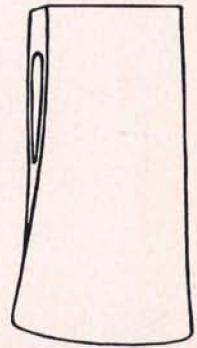
DAYTON



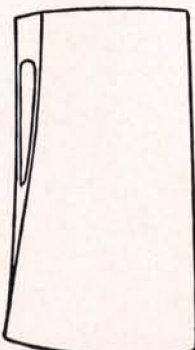
DELAWARE OR WIDE BIT DAYTON



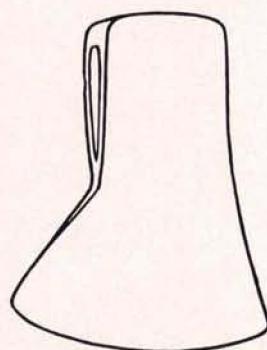
CONNECTICUT



REGULAR WISCONSIN



HALF WEDGE



CEDAR



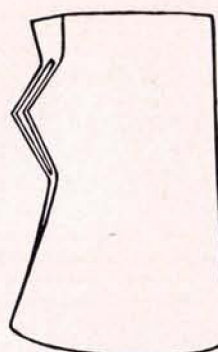
NEW ENGLAND



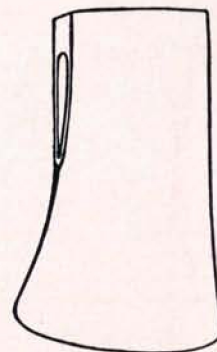
RAFTING

REN BRAND AXES

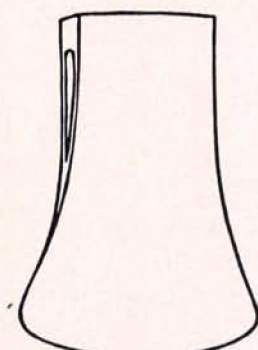
IN ADDITION to the Sager and regular brands, we manufacture axes for hundreds of jobbers under their own private brand or label. Both in single and double bits, in all patterns, weights and finishes.



BALTIMORE KENTUCKY



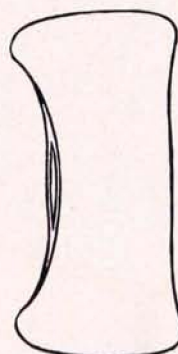
WESTERN CROWN



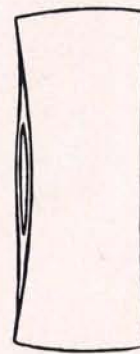
HOOSIER OR ZEEK



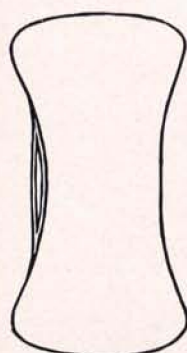
ROCKAWAY



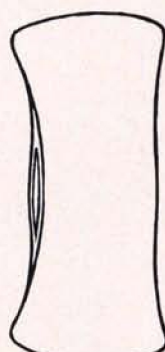
CROWN OR MICHIGAN



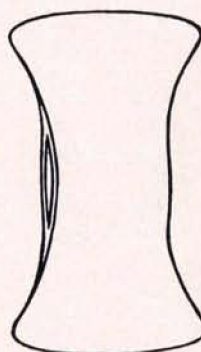
WEDGE



REVERSIBLE OR HALF PEELING



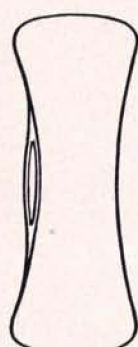
WISCONSIN



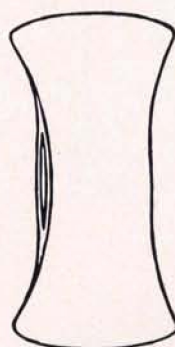
PEELING



WESTERN OR PENNSYLVANIA



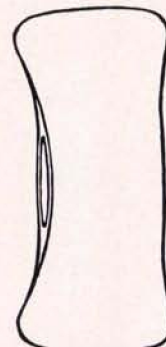
YOUNG'S FALLING



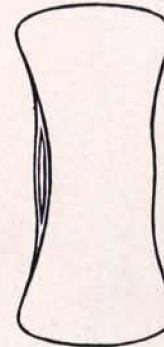
SWAMPING



PUGET SOUND FALLING



NARROW MICHIGAN



HUMBOLDT

WARREN LOGGING

THE FAMOUS "BULL DOG" LINE

For years past our experts have been studying and perfecting our line until now our *Bull Dog Logging Tools* are famous for their safety, efficiency, strength and durability. Like Warren Axes, they are the product of leading experts in this field, working close to the experience of Loggers and Lumbermen out in the camps.

Many of our tools are protected by patents.

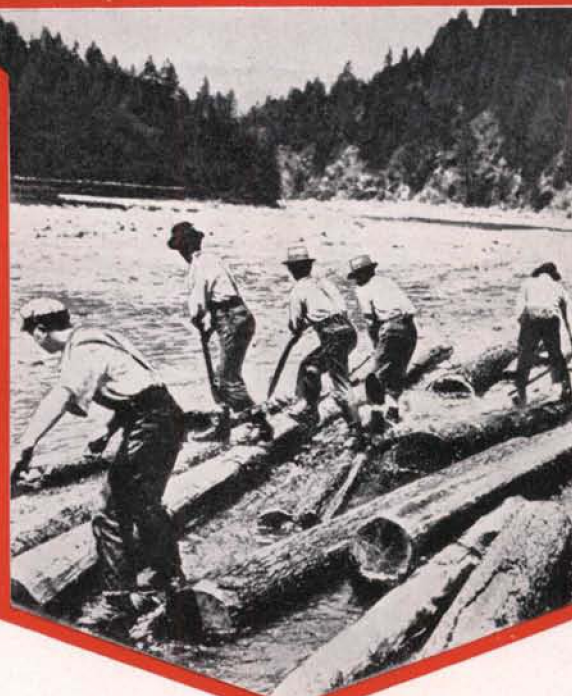
We use the best grade of crucible analysis steel in their manufacture and employ the best skilled workmen, and while we aim to make the highest grade line on the market, regardless of cost of production,

our prices are no higher than those asked by others for the ordinary run of products costing much less to manufacture.

We are constantly adding to our equipment and are always prepared to take care of all orders—large or small—in a prompt and satisfactory manner.



TOOLS



PEAVIES . . . . .	. 16
CANT HOOKS . . . . .	. 21
MILL HOOKS . . . . .	. 25
TIMBER CARRIERS . . . . .	. 26
PIKE POLES . . . . .	. 28
PICKAROONS AND HOOKAROONS . . . . .	. 29
SKIDDING TONGS . . . . .	. 31
SWIVELS . . . . .	. 33
CHAIN HOOKS AND COLD SHUTS . . . . .	. 36
BULL DOG GRABS . . . . .	. 37
LOAD BINDERS . . . . .	. 38
WEDGES . . . . .	. 39
EMERY WHEEL DRESSERS . . . . .	. 40

See page 41 for itemized index



MALLEABLE SOLID SOCKET PEAVIES

The Eastern and Western patterns are the regular solid socket Peavies, in general use, and are strong and serviceable tools. The hooks, sockets, picks, and bolts are made from the highest grade materials obtainable. The stocks are turned from the best timber, straight-grained, and air-seasoned.



MAPLE HANDLES		EASTERN PATTERN		HICKORY HANDLES	
No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 200	\$34.00	2 inches x 2½ feet	80	A 300	\$36.00
B 200	34.70		85	B 300	36.80
C 200	35.30		95	C 300	39.00
D 200	34.70	2¼ inches x 3 feet	90	D 300	36.80
E 200	35.30		100	E 300	39.00
200	36.30		110	300	42.80
201	37.50		120	301	44.70
202	38.50		125	302	47.40
206	37.80	2½ inches x 4 feet	115	306	43.70
207	39.00		120	307	45.90
208	40.00		125	308	48.30
209	41.00		130	309	50.90
210	44.00	2¾ inches x 4 feet	135	310	51.50
211	44.80		140	311	52.30
212	45.80		145	312	53.70
213	46.80		150	313	57.00
214	48.00		155	314	60.40
215	51.00	3 inches x 4½ feet	145	315	58.50
216	51.50		150	316	59.50
217	52.50		155	317	64.00
218	53.50		160	318	67.40

WESTERN PATTERN

This Peavy can also be furnished with forged steel socket if ordered.



MAPLE HANDLES			HICKORY HANDLES		
No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 3200	\$34.00	2 inches x 2½ feet	80	A 3300	\$36.00
B 3200	34.70		85	B 3300	36.80
C 3200	35.30		95	C 3300	39.00
D 3200	34.70	2¼ inches x 3 feet	90	D 3300	36.80
E 3200	35.30		100	E 3300	39.00
3200	36.30		110	3300	42.80
3201	37.50		120	3301	44.70
3202	38.50		125	3302	47.40
3206	37.80	2½ inches x 4 feet	115	3306	43.70
3207	39.00		120	3307	45.90
3208	40.00		125	3308	48.30
3209	41.00		130	3309	50.90
3210	44.00	2¾ inches x 4 feet	135	3310	51.50
3211	44.80		140	3311	52.30
3212	45.80		145	3312	53.70
3213	46.80		150	3313	57.00
3214	48.00		155	3314	60.40
3215	51.00	3 inches x 4½ feet	145	3315	58.50
3216	51.50		150	3316	59.50
3217	52.50		155	3317	64.00
3218	53.50		160	3318	67.40

With Duck Bill, Round, or Diamond Head Hooks. Duck Bill Hooks furnished unless other hooks are specified.

PLEASE GIVE CATALOG NUMBER WHEN ORDERING.

MALLEABLE SPLIT SOCKET PEAVIES

The socket on this Peavy is split from lug to top of socket, so that it can be tightened on handle. The hooks, sockets, picks, and bolts are made from the highest grade materials obtainable. The stocks are turned from the best timber, straight-grained, and air-seasoned.

MAPLE HANDLES

HICKORY HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 2200	\$34.00	2 inches x 2½ feet	80	A 2300	\$36.00
B 2200	34.70		85	B 2300	36.80
C 2200	35.30		95	C 2300	39.00
D 2200	34.70	2¼ inches x 3 feet	90	D 2300	36.80
E 2200	35.30		100	E 2300	39.00
2200	36.30		110	2300	42.80
2201	37.50		120	2301	44.70
2202	38.50		125	2302	47.40
2206	37.80	2½ inches x 4 feet	115	2306	43.70
2207	39.00		120	2307	45.90
2208	40.00		125	2308	48.30
2209	41.00		130	2309	50.90
2210	44.00	2¾ inches x 4 feet	135	2310	51.50
2211	44.80		140	2311	52.30
2212	45.80		145	2312	53.70
2213	46.80		150	2313	57.00
2214	48.00		155	2314	60.40
2215	51.00	3 inches x 4½ feet	145	2315	58.50
2216	51.50		150	2316	59.50
2217	52.50		155	2317	64.00
2218	53.50		160	2318	67.40



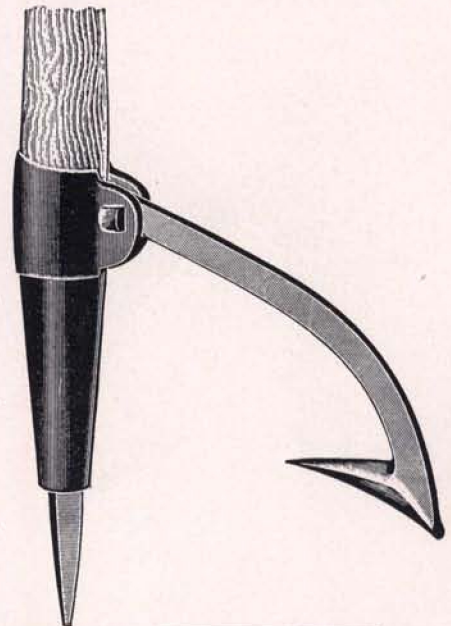
WROUGHT STEEL SOCKET AND CLASP PEAVIES

This Peavy is very strong, and lighter in weight than the Malleable Socket Peavy. The socket is made of steel, and is light and strong. The clasp is fitted tightly over the socket and will not slip. The hooks, sockets, picks, and bolts are made from the highest grade materials obtainable. The stocks are turned from the best timber, straight-grained, and air-seasoned.

MAPLE HANDLES

HICKORY HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 800	\$30.00	2¼ inches x 2½ feet	75	A 825	\$36.40
B 800	31.00		80	B 825	37.40
C 800	32.00		90	C 825	38.40
800	33.00		108	825	40.00
801	33.70		113	826	42.00
802	34.70		118	827	44.20
806	34.40	2½ inches x 4 feet	113	831	41.80
807	35.60		118	832	44.20
808	36.40		123	833	46.60
809	38.40		129	834	49.00
810	41.70	2¾ inches x 4 feet	123	835	48.20
811	42.70		127	836	49.20
812	43.50		132	837	51.60
813	44.60		137	838	55.70
814	45.70		142	839	59.50
815	46.50	3 inches x 4½ feet	135	840	56.20
816	47.50		140	841	57.20
817	48.60		145	842	62.20
818	49.70		150	843	66.40



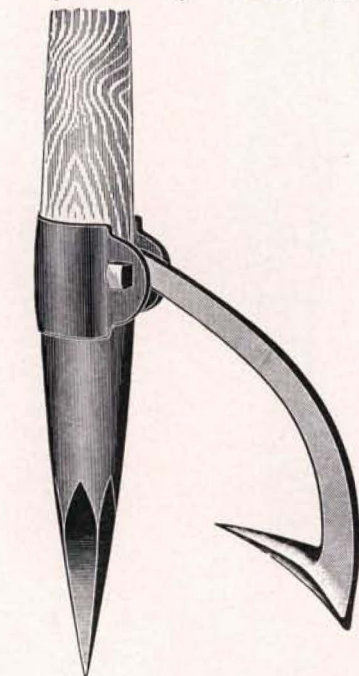
With Duck Bill, Round, or Diamond Head Hooks. Duck Bill Hooks furnished unless other hooks are specified.

PLEASE GIVE CATALOG NUMBER WHEN ORDERING.

DRIVING OR RAFTING PEAVIES

WITH WROUGHT STEEL SOCKET AND PICK IN ONE PIECE, WITH CLASP

This is a light but strong Peavy. Socket and pick are made of high carbon steel welded in one piece. The clasp is securely fastened, and prevents the socket from slipping, and can be easily replaced if broken. The stocks are turned from the best timber, straight-grained, and air-seasoned.



MAPLE HANDLES

HICKORY HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 900	\$32.50	2¼ inches x 2½ feet	75	A 925	\$38.70
B 900	33.50	3 feet	80	B 925	39.70
C 900	34.50	3½ feet	85	C 925	40.70
900	35.50	4 feet	90	925	42.60
901	36.20	4½ feet	95	926	44.30
902	37.20	5 feet	100	927	46.00
906	36.50	2½ inches x 4 feet	110	931	44.00
907	37.70	4½ feet	115	932	45.80
908	38.50	5 feet	122	933	47.20
909	40.40	5½ feet	127	934	50.30
910	43.70	2¾ inches x 4 feet	118	935	50.00
911	44.70	4½ feet	123	936	51.00
912	45.80	5 feet	128	937	53.50
913	46.80	5½ feet	133	938	57.40
914	47.90	6 feet	138	939	61.30
915	49.50	3 inches x 4½ feet	133	940	58.00
916	50.50	5 feet	138	941	59.00
917	51.60	5½ feet	143	942	64.00
918	52.70	6 feet	148	943	68.20

WITH WROUGHT STEEL SOCKET, PICK AND CLASP IN ONE PIECE

This is one of the lightest and strongest Peavies made. The pick, socket, and clasp are made from high-carbon steel in one piece. The stocks are turned from the best timber, straight-grained, and air-seasoned.



MAPLE HANDLES

HICKORY HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 1000	\$35.00	2¼ inches x 2½ feet	75	A 1025	\$43.00
B 1000	36.00	3 feet	80	B 1025	44.00
C 1000	37.00	3½ feet	85	C 1025	45.00
1000	38.50	4 feet	90	1025	46.60
1001	39.70	4½ feet	95	1026	47.80
1002	40.70	5 feet	100	1027	50.40
1006	39.70	2½ inches x 4 feet	110	1031	48.00
1007	40.80	4½ feet	115	1032	49.10
1008	41.80	5 feet	122	1033	51.70
1009	43.00	5½ feet	127	1034	54.00
1010	46.60	2¾ inches x 4 feet	118	1035	55.40
1011	47.60	4½ feet	123	1036	56.40
1012	48.60	5 feet	128	1037	58.40
1013	49.70	5½ feet	133	1038	61.00
1014	50.90	6 feet	138	1039	64.50
1015	54.80	3 inches x 4½ feet	133	1040	63.00
1016	55.80	5 feet	138	1041	64.00
1017	57.00	5½ feet	143	1042	66.70
1018	58.10	6 feet	148	1043	70.60

With Duck Bill, Round, or Diamond Head Hooks. Duck Bill Hooks furnished unless other hooks are specified.

PLEASE GIVE CATALOG NUMBER WHEN ORDERING.

PEAVY HANDLES



Our Peavy Handles are all made from straight-grained, air-seasoned stock.

MAPLE

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
D 1134	2 inches x 2 feet	18	\$ 6.25
A 1134	2 1/2 feet	23	6.75
B 1134	2 1/4 inches x 3 feet	36	7.25
C 1134	3 1/2 feet	41	7.95
1134	4 feet	45	8.85
1135	4 1/2 feet	50	9.75
1136	2 1/2 inches x 4 feet	42	8.85
1137	4 1/2 feet	47	9.75
1138	5 feet	51	10.85
1139	5 1/2 feet	56	11.95
1140	2 3/4 inches x 4 1/2 feet	54	11.95
1141	5 feet	61	13.05
1142	5 1/2 feet	68	14.15
1143	6 feet	73	15.25
1144	3 inches x 4 1/2 feet	68	14.75
1145	5 feet	73	15.25
1146	5 1/2 feet	78	16.55
1147	6 feet	88	17.85

HICKORY

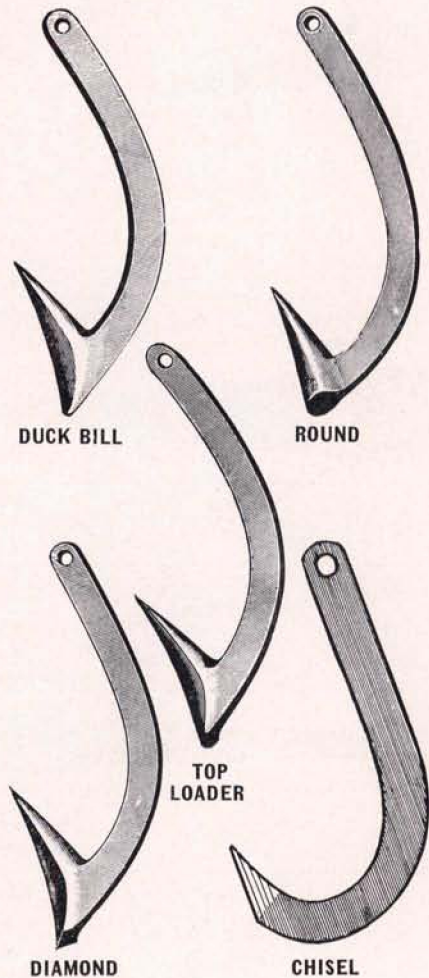
No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
D 1148	2 inches x 2 feet	20	\$ 6.75
A 1148	2 1/2 feet	31	7.25
B 1148	2 1/4 inches x 3 feet	36	7.65
C 1148	3 1/2 feet	41	8.85
1148	4 feet	49	11.05
1149	4 1/2 feet	56	12.15
1150	2 1/2 inches x 4 feet	50	11.45
1151	4 1/2 feet	57	12.75
1152	5 feet	63	14.25
1153	5 1/2 feet	69	15.65
1154	2 3/4 inches x 4 1/2 feet	62	14.95
1155	5 feet	71	16.45
1156	5 1/2 feet	78	18.65
1157	6 feet	88	20.85
1158	3 inches x 4 1/2 feet	71	18.25
1159	5 feet	78	19.05
1160	5 1/2 feet	88	21.95
1161	6 feet	98	24.25

CANT HOOK AND PEAVY HOOKS

In giving length of hook measure in a straight line from tip of bill to center of hole.

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 47	7/8 in. x 7/16 in. duck bill x 6 1/2 in. long	15	\$ 8.33
47	7/8 in. x 7/16 in. duck bill x 8 in. long	20	9.20
48	1 in. x 7/16 in. duck bill x 8 in. long	25	10.50
49	1 in. x 1/2 in. duck bill x 8 3/4 in. long	27	12.70
A 49	1 in. x 1/2 in. duck bill x 10 1/2 in. long	31	13.50
Western pattern			
50	1 1/8 in. x 1/2 in. duck bill x 9 1/2 in. long	33	14.80
51	1 1/4 in. x 1/2 in. duck bill x 9 1/2 in. long	39	17.70
52	1 1/2 in. x 1/2 in. duck bill x 9 3/4 in. long	44	21.00
B 47	7/8 in. x 7/16 in. round point x 8 in. long	20	9.20
B 48	1 in. x 7/16 in. round point x 8 in. long	25	10.50
B 49	1 in. x 1/2 in. round point x 8 3/4 in. long	27	12.70
C 49	1 in. x 1/2 in. round point x 10 1/2 in. long	31	13.50
Western pattern			
B 50	1 1/8 in. x 1/2 in. round point x 9 1/2 in. long	33	14.80
B 51	1 1/4 in. x 1/2 in. round point x 9 1/2 in. long	39	17.70
B 52	1 1/2 in. x 1/2 in. round point x 9 3/4 in. long	44	21.00
D 47	7/8 in. x 7/16 in. diamond head x 8 in. long	20	10.20
D 48	1 in. x 7/16 in. diamond head x 8 in. long	25	11.80
D 49	1 in. x 1/2 in. diamond head x 8 3/4 in. long	27	14.00
E 49	1 in. x 1/2 in. diamond head x 10 1/2 in. long	31	14.70
Western pattern			
D 50	1 1/8 in. x 1/2 in. diamond head x 9 1/2 in. long	33	14.80
D 51	1 1/4 in. x 1/2 in. diamond head x 9 1/2 in. long	39	17.70
D 52	1 1/2 in. x 1/2 in. diamond head x 9 3/4 in. long	44	21.00
53	7/8 in. x 7/16 in. chisel point x 8 in. long	18	8.40
54	1 in. x 7/16 in. chisel point x 8 in. long	20	9.50
55	1 in. x 1/2 in. chisel point x 8 3/4 in. long	22	11.00
56	1 in. x 1/2 in. top loader x 8 1/4 in. long		
made of tool steel and furnished either duck bill or diamond head			30 19.70

Unless otherwise specified we equip tools with hooks as follows: 2" x 2 1/2' up to 2 1/4" x 3 1/2' with Hooks No. A 47. 2 1/4" x 4', 2 1/4" x 4 1/2', 2 1/4" x 5' with Hooks No. 47. 2 1/2" x 4', 2 1/2" x 4 1/2', 2 1/4" x 5' with Hooks No. 48. All larger sizes with Hooks No. 49.



PEAVY SOCKETS, PICKS AND BOLTS



**EASTERN PATTERN
SOLID MALLEABLE PEAVY
SOCKETS**

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
68	2 1/4 inches	24	\$ 9.50
69	2 3/8 inches	27	10.00
70	2 1/2 inches	30	11.30
71	2 3/4 inches	42	13.70
72	3 inches	48	15.30



**SPLIT MALLEABLE PEAVY
SOCKETS**

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 68	2 inches	18	\$ 8.50
B 68	2 1/4 inches	23	9.50
B 70	2 1/2 inches	28	11.30
B 71	2 3/4 inches	40	13.70
B 72	3 inches	45	15.30



**FORGED STEEL PEAVY
SOCKETS, WITH LUG ONLY**

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 73	2 1/4 inches	18	\$10.00
A 75	2 1/2 inches	20	11.00
A 76	2 3/4 inches	24	12.00
A 77	3 inches	30	13.00

FORGED STEEL SOCKET WITH PICK AND CLASP IN ONE PIECE



No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
83	2 1/4 inches	29	\$23.20
85	2 1/2 inches	31	23.50
86	2 3/4 inches	35	25.00
87	3 inches	41	26.60

HAND FORGED STEEL PEAVY PICKS



No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A88	1 1/8 inches Square	23	\$ 7.00
88	1 inch Square	21	6.00
B88	7/8 inch Square	17	6.00
C88	3/4 inch Square	9	5.15

**WESTERN PATTERN SOLID
MALLEABLE PEAVY
SOCKETS**



No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
W 68	2 inches	18	\$ 8.50
W 69	2 1/4 inches	23	9.50
W 70	2 1/2 inches	28	11.30
W 71	2 3/4 inches	40	13.70
W 72	3 inches	45	15.30

**FORGED
STEEL
PEAVY
SOCKETS,
PLAIN—
NO LUG**



No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
73	2 1/4 inches	12	\$ 7.00
75	2 1/2 inches	14	8.00
76	2 3/4 inches	18	9.00
77	3 inches	24	10.00

**FORGED STEEL PEAVY SOCKETS AND PICKS COMBINED IN
ONE PIECE—**

NO LUG



No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
78	2 1/4 inches	24	\$17.00
80	2 1/2 inches	26	18.00
81	2 3/4 inches	30	19.00
82	3 inches	36	20.00

CANT HOOK AND PEAVY BOLTS



No.	Standard Size	Price Per 100
89	7/16 x 1 3/4 inch	\$ 4.10

This bolt has square head, no shoulder, hexagon nut.

No.	Size	Price Per 100
A 89	7/16 x 1 5/16-inch hexagon nut and head	\$3.50
B 89	1 3/4-inch hexagon nut and head	5.00
C 89	1 7/8-inch hexagon nut and head	4.75
D 89	7/16 x 1 5/8-inch square head hexagon nut	4.00
E 89	1/2 x 1 5/8-inch square head hexagon nut	4.50
F 89	2 -inch square head hexagon nut	5.00

MALLEABLE CLASP CANT HOOKS

This is the strongest Cant Hook made. The hooks, clasps, toe rings, and bolts are made from the highest grade materials obtainable. The stocks are turned from the best timber, straight-grained and air-seasoned.

MAPLE HANDLES

HICKORY HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 400	\$25.80	2 inches x 2½ feet	73	A 500	\$29.40
B 400	26.80		78	B 500	30.40
C 400	27.20		83	C 500	31.20
D 400	26.80	2¼ inches x 3 feet	80	D 500	30.40
E 400	27.20		85	E 500	31.20
400	28.80		88	500	33.00
401	29.80		93	501	34.10
402	29.30	2½ inches x 4 feet	90	502	33.40
403	30.40		95	503	34.50
404	31.40		100	504	37.20
405	32.30		105	505	39.20
406	35.20	2¾ inches x 4½ feet	105	506	39.90
407	36.30		110	507	41.90
408	37.20		115	508	45.30
409	38.30		120	509	48.60
410	44.10	3 inches x 4½ feet	120	510	49.00
411	45.10		125	511	50.00
412	46.10		130	512	51.70
413	47.20		135	513	55.60

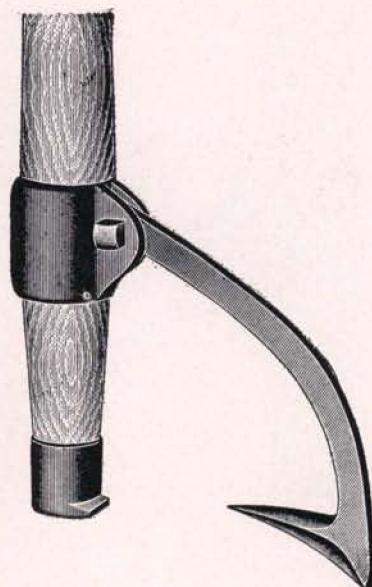


This Malleable Clasp Cant Hook has a malleable short toe ring. It is handled with select handle, straight-grained and air-seasoned.

MAPLE HANDLES

HICKORY HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 220	\$25.80	2 inches x 2½ feet	70	A 235	\$29.40
B 220	26.80		75	B 235	30.40
C 220	27.20		80	C 235	31.20
D 220	26.80	2¼ inches x 3 feet	77	D 235	30.40
E 220	27.20		82	E 235	31.20
220	28.80		85	235	33.00
221	29.80		90	236	34.10
222	29.30	2½ inches x 4 feet	87	237	33.40
223	30.40		92	238	34.50
224	31.40		97	239	37.20
225	32.30		102	240	39.20
226	35.20	2¾ inches x 4½ feet	102	241	39.90
227	36.30		107	242	41.90
228	37.20		112	243	45.30
229	38.30		117	244	48.60
230	44.10	3 inches x 4½ feet	117	245	49.00
231	45.10		122	246	50.00
232	46.10		127	247	51.70
233	47.20		132	248	55.60



With Duck Bill, Round, or Diamond Head Hooks. Duck Bill Hooks furnished unless other hooks are specified.

PLEASE GIVE CATALOG NUMBER WHEN ORDERING

WROUGHT STEEL CLASP CANT HOOKS

This Cant Hook has forged steel center clasp, with malleable extension toe clip. The stocks are made of the best timber, straight-grained and air-seasoned.

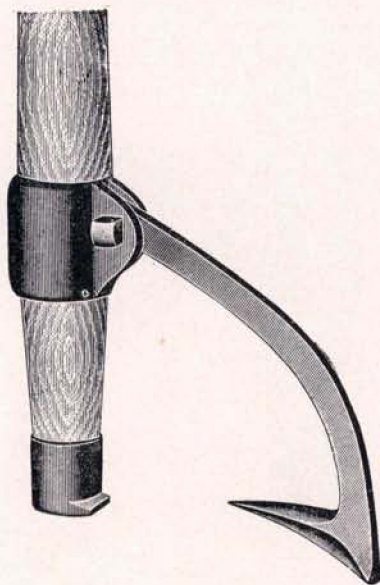


MAPLE HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 520	\$28.30	2 inches x 2½ feet	70	A 540	\$31.00
B 520	29.30	3 feet	75	B 540	32.00
C 520	29.90	3½ feet	80	C 540	32.80
D 520	29.30	2¼ inches x 3 feet	77	D 540	32.00
E 520	29.90	3½ feet	82	E 540	32.80
520	31.80	4 feet	83	540	35.70
521	32.80	4½ feet	88	541	37.20
522	32.30	2½ inches x 4 feet	87	542	37.00
523	33.20	4½ feet	90	543	38.00
524	34.20	5 feet	95	544	40.00
525	35.20	5½ feet	100	545	42.00
526	38.10	2¾ inches x 4½ feet	100	546	43.00
527	39.10	5 feet	106	547	46.00
528	40.10	5½ feet	111	548	49.80
529	41.10	6 feet	116	549	53.50
530	46.90	3 inches x 4½ feet	113	550	50.80
531	47.90	5 feet	118	551	51.80
532	48.90	5½ feet	123	552	56.00
533	49.90	6 feet	128	553	60.00

HICKORY HANDLES

This Wrought Steel Clasp Cant Hook has a forged steel center clasp with forged steel short toe ring. The stocks are made of the best timber, straight-grained and air-seasoned.



MAPLE HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 2520	\$28.30	2 inches x 2½ feet	65	A 2540	\$31.00
B 2520	29.30	3 feet	70	B 2540	32.00
C 2520	29.90	3½ feet	75	C 2540	32.80
D 2520	29.30	2¼ inches x 3 feet	72	D 2540	32.00
E 2520	29.90	3½ feet	77	E 2540	32.80
2520	31.80	4 feet	80	2540	35.70
2521	32.80	4½ feet	85	2541	37.20
2522	32.30	2½ inches x 4 feet	83	2542	37.00
2523	33.20	4½ feet	88	2543	38.00
2524	34.20	5 feet	93	2544	40.00
2525	35.20	5½ feet	98	2545	42.00
2526	38.10	2¾ inches x 4½ feet	98	2546	43.00
2527	39.10	5 feet	103	2547	46.00
2528	40.10	5½ feet	108	2548	49.80
2529	41.10	6 feet	113	2549	53.50
2530	46.90	3 inches x 4½ feet	110	2550	50.80
2531	47.90	5 feet	115	2551	51.80
2532	48.90	5½ feet	120	2552	56.00
2533	49.90	6 feet	125	2553	60.00

HICKORY HANDLES

With Duck Bill, Round, or Diamond Head Hooks. Duck Bill Hooks furnished unless other hooks are specified.

PLEASE GIVE CATALOG NUMBER WHEN ORDERING.

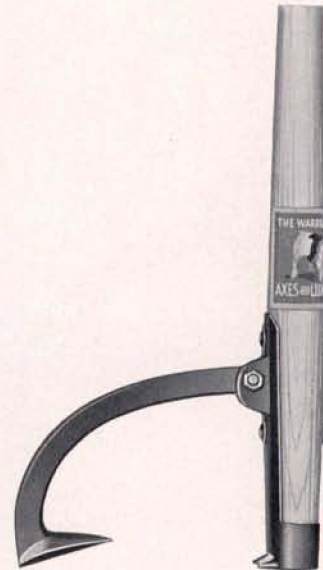
FORGED STEEL CLIP AND TOE RING CANT HOOKS

The advantages of this Cant Hook are its light weight, and the fact that the parts can be used on any standard size Cant Hook Handles. The clip and toe ring are in one piece, bolted on. Best selected handles.

MAPLE HANDLES

HICKORY HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 4325	\$26.80	2 inches x 2½ feet	75	A 4340	\$30.40
B 4325	27.80	3 feet	80	B 4340	31.40
C 4325	28.20	3½ feet	85	C 4340	32.20
D 4325	27.80	2¼ inches x 3 feet	82	D 4340	31.40
E 4325	28.20	3½ feet	87	E 4340	32.20
4325	29.80	4 feet	88	4340	34.00
4326	30.80	4½ feet	93	4341	35.10
4327	30.30	2½ inches x 4 feet	90	4342	34.40
4328	31.40	4½ feet	95	4343	35.50
4329	32.40	5 feet	100	4344	38.20
4330	33.30	5½ feet	105	4345	40.20
4331	36.20	2¾ inches x 4½ feet	105	4346	40.90
4332	37.30	5 feet	110	4347	42.90
4333	38.20	5½ feet	115	4348	46.30
4334	39.30	6 feet	120	4349	49.60
4335	45.10	3 inches x 4½ feet	120	4350	50.00
4336	46.10	5 feet	125	4351	51.00
4337	47.10	5½ feet	130	4352	52.70
4338	48.20	6 feet	135	4353	56.60



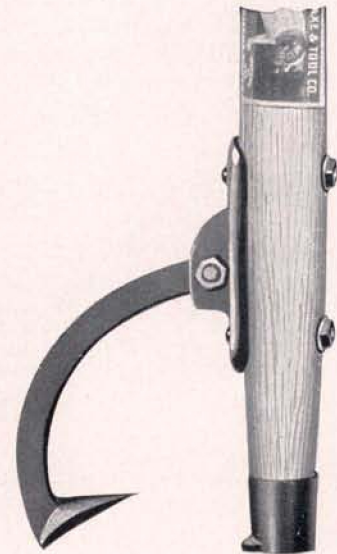
MALLEABLE CLIP CANT HOOKS

This Cant Hook has clip bolted on, and malleable short toe ring. Best selected handles.

MAPLE HANDLES

HICKORY HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 325	\$25.80	2 inches x 2½ feet	75	A 340	\$29.40
B 325	26.80	3 feet	80	B 340	30.40
C 325	27.20	3½ feet	85	C 340	31.20
D 325	26.80	2¼ inches x 3 feet	82	D 340	30.40
E 325	27.20	3½ feet	87	E 340	31.20
325	28.80	4 feet	88	340	33.00
326	29.80	4½ feet	93	341	34.10
327	29.30	2½ inches x 4 feet	90	342	33.40
328	30.40	4½ feet	95	343	34.50
329	31.40	5 feet	100	344	37.20
330	32.30	5½ feet	105	345	39.20
331	35.20	2¾ inches x 4½ feet	105	346	39.90
332	36.30	5 feet	110	347	41.90
333	37.20	5½ feet	115	348	45.30
334	38.30	6 feet	120	349	48.60
335	44.10	3 inches x 4½ feet	120	350	49.00
336	45.10	5 feet	125	351	50.00
337	46.10	5½ feet	130	352	51.70
338	47.20	6 feet	135	353	55.60

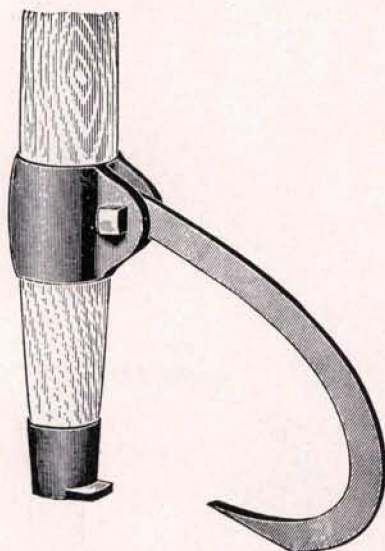


With Duck Bill, Round, or Diamond Head Hooks. Duck Bill Hooks furnished unless other hooks are specified.

PLEASE GIVE CATALOG NUMBER WHEN ORDERING.

MALLEABLE CLASP CANT HOOKS

This Cant Hook has chisel point hook and short toe ring with malleable center clasp. The handles are made from selected timber well seasoned. This is a tool which we furnish to meet a demand for a cheaper hook than usually wanted by lumbermen.



MAPLE HANDLES

No.	Price Per Dozen	Size	Approx. Wt. (Lbs.) Per Dozen	No.	Price Per Dozen
A 575	\$25.30	2 inches x 2½ feet	65	A 2575	\$29.20
B 575	26.30	3 feet	70	B 2575	30.20
C 575	26.80	3½ feet	75	C 2575	31.00
D 575	26.30	2¼ inches x 3 feet	72	D 2575	30.20
E 575	26.80	3½ feet	77	E 2575	31.00
575	27.70	4 feet	80	2575	32.20
576	28.50	4½ feet	85	2576	32.90
577	28.20	2½ inches x 4 feet	82	2577	32.60
578	29.00	4½ feet	87	2578	33.10
579	29.90	5 feet	92	2579	36.00
580	30.90	5½ feet	97	2580	38.00
581	34.00	2¾ inches x 4½ feet	92	2581	38.80
582	35.00	5 feet	97	2582	40.80
583	36.00	5½ feet	102	2583	44.20
584	36.90	6 feet	107	2584	47.50
585	36.90	3 inches x 4½ feet	97	2585	48.40
586	44.00	5 feet	102	2586	49.40
587	45.00	5½ feet	107	2587	50.40
588	45.90	6 feet	112	2588	54.30

HICKORY HANDLES

With Duck Bill, Round, or Diamond Head Hooks. Duck Bill Hooks furnished unless other hooks are specified.

PLEASE GIVE CATALOG NUMBER WHEN ORDERING

CANT HOOK HANDLES



Our Cant Hook Handles are all made from straight-grained, air-seasoned stock. They are carefully turned to fit our clasps and toe pieces.

MAPLE

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
D 2134	2 inches x 2 feet	18	\$ 6.00
A 2134	2½ feet	23	6.50
B 2134	2¼ inches x 3 feet	36	7.00
C 2134	3½ feet	41	7.70
2134	4 feet	45	8.60
2135	4½ feet	50	9.50
2136	2½ inches x 4 feet	42	8.60
2137	4½ feet	47	9.50
2138	5 feet	51	10.60
2139	5½ feet	56	11.70
2140	2¾ inches x 4½ feet	54	11.70
2141	5 feet	61	12.80
2142	5½ feet	68	13.90
2143	6 feet	73	15.00
2144	3 inches x 4½ feet	68	14.50
2145	5 feet	73	15.00
2146	5½ feet	78	16.30
2147	6 feet	88	17.60

HICKORY

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
D 2148	2 inches x 2 feet	20	\$ 6.50
A 2148	2½ feet	31	7.00
B 2148	2¼ inches x 3 feet	36	7.40
C 2148	3½ feet	41	8.60
2148	4 feet	49	10.80
2149	4½ feet	56	11.90
2150	2½ inches x 4 feet	50	11.20
2151	4½ feet	57	12.50
2152	5 feet	63	14.00
2153	5½ feet	69	15.40
2154	2¾ inches x 4½ feet	62	14.70
2155	5 feet	71	16.20
2156	5½ feet	78	18.40
2157	6 feet	88	20.60
2158	3 inches x 4½ feet	71	18.00
2159	5 feet	78	18.80
2160	5½ feet	88	21.70
2161	6 feet	98	24.00

CANT HOOK HOOKS—See Page 19.

CANT HOOK BOLTS—See Page 20.

CANT HOOK CLASPS, CLIPS, AND TOE RINGS



**MALLEABLE CANT
HOOK CLASPS**

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
57	2 1/4 inches	12	\$ 4.90
58	2 1/2 inches	14	5.80
59	2 3/4 inches	16	6.20
60	3 inches	21	8.10



**WROUGHT STEEL
CANT HOOK CLASPS**

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 61	2 inches	6 1/2	\$ 5.50
61	2 1/4 inches	8	5.80
62	2 1/2 inches	10	6.00
63	2 3/4 inches	12	6.50
64	3 inches	14	7.00



**CANT HOOK
CLIP**

No.		Price Per Dozen
1500	Malleable iron for all size tools	\$ 3.90



**MALLEABLE
EXTENSION
TOE RINGS**

No.		Wt. (Lbs.) Per Dozen	Price Per Dozen
65	For all size tools	9	\$ 3.10

**FORGED STEEL
CLIP AND
TOE RING IN
ONE PIECE**



No. 1501	Price Per Dozen	\$ 7.00
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**FORGED STEEL
TOE RINGS**



No.		Wt. (Lbs.) Per Dozen	Price Per Dozen
66	For all size tools	6	\$ 2.90

**MALLEABLE SHORT
TOE RINGS**



No. 67	For all size tools	Price Per Dozen	\$ 1.90
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MILL HOOKS



This is a hook designed especially for mill use, handling ties, square timber, etc. It is made with socket and has a claw instead of toe piece. This is a very strong light tool, and is admirably adapted for the purpose intended. By using two together, they will take the place of a timber carrier. We furnish these only with hickory handles, which is the strongest wood we can obtain. We usually furnish round point hooks on this tool, but we can send any pattern hook wanted.

MILL HOOK HANDLES

These are made from selected hickory and are bored and turned to fit our sockets and claws.

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 600	2 inches x 2 1/2 feet	75	\$25.00
B 600	2 1/4 inches x 3 feet	80	25.95
600	3 1/2 feet	85	26.80
601	4 feet	95	27.20
602	2 1/2 inches x 4 feet	100	28.80
603	4 1/2 feet	105	30.10

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 1180	2 inches x 2 1/2 feet	31	\$ 7.00
B 1180	2 1/4 inches x 3 feet	36	7.40
1180	2 1/4 inches x 3 1/2 feet	38	8.60
1181	4 feet	46	10.80
1182	2 1/2 inches x 4 feet	50	11.20
C 1182	4 1/2 feet	57	12.50

TIMBER CARRIERS OR LUG HOOKS



This tool is for use wherever timber is handled, in lumber yards, around the mill, for handling ties, telegraph poles, etc. It is equipped with the best second-growth maple or hickory handles. The hooks and clasp are forged from high carbon steel with annealed malleable swivel to permit handling timber in narrow places.

Timber Carriers are equipped with forged steel hooks. Our No. 47— $\frac{7}{8}$ " x $\frac{7}{16}$ " Duck Bill or No. 53—chisel point, and will take square timber up to 16".

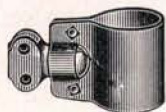
No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
<i>With Duck Bill Hooks and Maple Handles</i>			
605	4 -foot handles	97	\$36.90
606	4½-foot handles	102	37.90
607	5 -foot handles	108	38.80
<i>With Chisel Point Hooks and Maple Handles</i>			
608	4 -foot handles	95	34.70
609	4½-foot handles	100	35.50
610	5 -foot handles	106	36.30
<i>With Duck Bill Hooks and Hickory Handles</i>			
A 605	4 -foot handles	97	41.30
A 606	4½-foot handles	102	42.30
A 607	5 -foot handles	108	43.30
<i>With Chisel Point Hooks and Hickory Handles</i>			
A 608	4 -foot handles	95	38.80
B 608	4½-foot handles	100	39.80
C 608	5 -foot handles	106	40.80

TIMBER CARRIER OR LUG HOOK HANDLES

These are turned from selected timber, air-seasoned. They are turned and bored to fit our clamps.

MAPLE				HICKORY			
No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen	No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
1183	4 feet	35	\$ 8.80	1183 H	4 feet	40	\$12.10
1184	4½ feet	40	9.80	1184 H	4½ feet	45	13.40
1185	5 feet	46	10.80	1185 H	5 feet	55	15.00

TIMBER CARRIER CLASP AND SWIVEL, WITH BOLTS



Forged clasp with malleable swivel.

No.	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
90	18	\$10.30

BARK SPUDS



Length of spud and socket 15 inches. Length of handle 12 inches.

For peeling bark. Blade is forged from best high carbon steel. Handle is turned from well-seasoned hardwood. The pattern is just right, being the result of years of experience in making this tool.

No.		Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
125	with handles	36	\$18.30
126	without handles	24	17.00

GRAB MAUL AND SKIPPER, COMBINED

WITH BEST 36-INCH HICKORY HANDLE



This is a very useful tool for the lumberman. We make this of high carbon steel with one end drawn out for extracting grabs and the other end flat for driving grabs or sledging.

No.	Weight		Price Per Dozen
1249	5-pound	26" handle	\$25.00
1250	7-pound	36" handle	26.00
1251	12-pound	36" handle	30.00



This tool is made for driving logging dogs, and is the ideal tool for the purpose. The ring is made from mild steel. The steel on this maul is 3" wide by 1" thick. The tool with handle weighs 9½ pounds.

We insert a small pick in the bottom of the handle so that the tool can be stuck in a log to prevent its being mislaid.

BARK SPUD HANDLES

Turned to fit our spuds from selected second-growth timber.

No.		Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
1192		12	\$3.00

CEDAR SPUDS



Length of spud and socket, 11½ inches. Bit, 4¼ inches wide. Hickory handle, 3½ feet.

For peeling cedar logs. Made from best high carbon steel. Handles are made from selected hickory. We can furnish these in either bent or straight pattern.

No.		Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
127	with handles	60	\$23.50
128	without handles	36	18.30

CEDAR SPUD HANDLES

Made from best seasoned hickory and turned to fit our sockets.

No.		Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
1205		24	\$10.80

GRAB MAULS

No.		Price Per Dozen
285		\$15.10

GRAB MAUL HANDLES

Made from hickory. Turned to fit our irons.

No.		Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
1204		24	\$10.80

PIKE POLES...PIKES AND HOOKS

These poles are not heavy enough for construction work. Handles are made from selected second-growth white ash, thoroughly seasoned. Picks are hand forged from high carbon steel in one piece and are heavily threaded and set up in cement. Ferrules are seamless.



WITH CURVED PIKE AND HOOK

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 100	4½ ft.	50	\$22.00
B 100	6 ft.	60	25.20
C 100	8 ft.	70	29.50
100	10 ft.	80	34.50
101	12 ft.	90	39.20

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
102	14 ft.	100	\$47.00
103	16 ft.	110	60.00
104	18 ft.	120	76.50
105	20 ft.	130	95.00



WITH STRAIGHT PIKE AND HOOK

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 106	4½ ft.	50	\$22.00
B 106	6 ft.	60	25.20
C 106	8 ft.	70	29.50
106	10 ft.	80	34.50
107	12 ft.	90	39.20

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
108	14 ft.	100	\$47.00
109	16 ft.	110	60.00
110	18 ft.	120	76.50
111	20 ft.	130	95.00



WITH PIKE ONLY

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 112	4½ ft.	50	\$20.30
B 112	6 ft.	55	23.50
C 112	8 ft.	60	29.30
112	10 ft.	65	32.20
113	12 ft.	75	37.60

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
114	14 ft.	85	\$44.80
115	16 ft.	95	55.80
116	18 ft.	105	73.00
117	20 ft.	115	93.00

WHITE ASH PIKE POLE HANDLES

These are made from select white ash timber.

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 1186	4½ ft. x 1⅝ in.	40	\$10.10
B 1186	6 ft. x 1⅝ in.	50	13.60
C 1186	8 ft. x 1⅝ in.	60	19.80
1186	10 ft. x 1⅝ in.	65	24.40
1187	12 ft. x 1⅝ in.	70	29.50

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
1188	14 ft. x 1⅝ in.	85	\$36.20
1189	16 ft. x 1⅝ in.	95	47.60
1190	18 ft. x 1⅝ in.	105	63.20
1191	20 ft. x 1⅝ in.	115	78.50

PIKE POLE PIKES AND HOOKS



Forged from one piece high carbon steel.

No.		Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
91	Straight	15	\$ 8.70
92	Curved	16	8.70
93	Pike only	10	5.20

Pikes on Nos. 91 and 92, 5¼ inches long from ferrule.

Hooks on Nos. 91 and 92, 3¼ inches long.

Pike on No. 93, 4½ inches long from ferrule.



PIKE POLE FERRULES—Drawn steel without weld.

No. 94 Per Doz. \$5.00



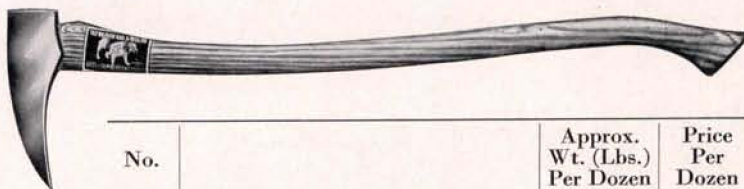
LUMBER SORTER'S PICKAROONS

This is a light tool made for sorting lumber. Hook and pike are hand forged high carbon steel.

No.	Size	Price Per Dozen
A 122	12-inch handle	\$11.50
B 122	18-inch handle	11.50

AXE HANDLE HOOKAROONS

For handling pulp wood, cedar posts, etc. These are made of one piece of high carbon steel, and are equipped with hickory axe handles.



No.		Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 123	Heavy pick and 36-inch handle	45	\$19.60
123	Medium pick and 36-inch handle	33	16.90
124	Light pick and 18-inch handle	22	13.40

Light pick, 6 inches long. Width of head, $1\frac{1}{2}$ inches.
Medium pick, $7\frac{1}{2}$ inches long. Width of head, $2\frac{1}{8}$ inches.
Heavy pick, 9 inches long. Width of head, $2\frac{1}{4}$ inches.

HOOBAROON HEADS ONLY



Forged from one piece high carbon steel. Eyes are punched for axe handles.

No.		Approx. Wt. (Lbs.) Per Dozen	Length Overall	Price Per Dozen
95	Heavy	30	$8\frac{3}{4}$ inches	\$10.00
96	Medium	18	7 inches	7.00
A 96	Light	12	6 inches	6.40

PICKAROONS



For handling telegraph poles, ties, etc. Ferrules are seamless, pikes are high carbon steel and hand forged, and are driven in the handle cold with cement.

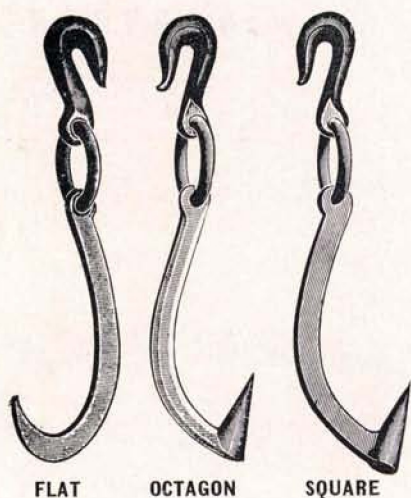
PICKAROONS—HOOK ONLY

No.		Price Per Dozen
A 120	2-foot handles	\$14.90
B 120	3-foot handles	15.40

PICKAROONS—HOOK AND PIKE

No.		Price Per Dozen
A 121	2-foot handles	\$15.50
B 121	3-foot handles	16.00





SWAMP HOOKS

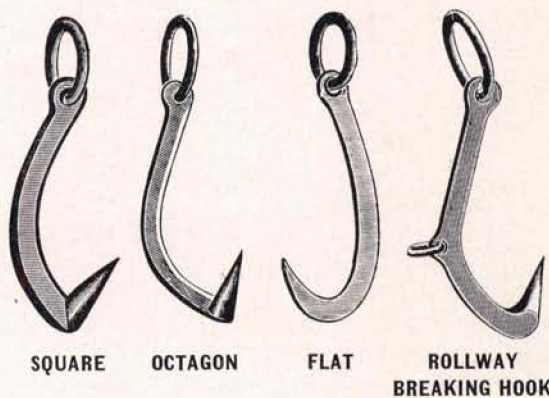
These are all made in the strongest and best manner possible. The hooks are hand forged from best high carbon steel with heavy upset head. The grab hooks and rings are of soft steel.

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A 129	Made of $\frac{5}{8}$ -inch octagon steel	24	\$14.00
B 129	Made of $\frac{3}{4}$ -inch octagon steel	33	17.00
C 129	Made of $\frac{7}{8}$ -inch octagon steel	48	20.00
129	Made of 1 -inch octagon steel	65	21.70
130	Made of $1\frac{1}{8}$ -inch octagon steel	80	23.50
131	Made of $1\frac{1}{4}$ -inch octagon steel	110	27.10
132	Made of 1 -inch square steel	65	21.70
133	Made of $1\frac{1}{8}$ -inch square steel	80	23.50
134	Made of $1\frac{1}{4}$ -inch square steel	110	27.10
135	Made of $1\frac{1}{4}$ x $\frac{5}{8}$ -inch flat steel	70	21.70
136	Made of $1\frac{1}{2}$ x $\frac{5}{8}$ -inch flat steel	90	23.50
137	Made of $1\frac{3}{4}$ x $\frac{3}{4}$ -inch flat steel	130	27.10

LOADING HOOKS

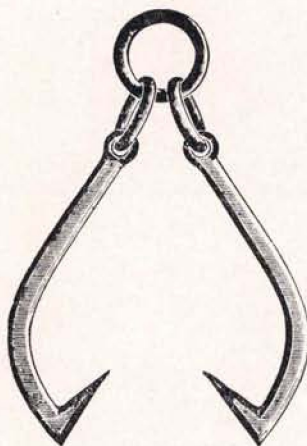
For loading sleds, wagons and cars. The hooks are all hand forged and made of the best high carbon steel. The points are upset and are heavy and strong.

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
138	$\frac{3}{4}$ -inch square steel	27	\$10.80
139	$\frac{3}{4}$ -inch octagon steel	30	10.80
140	1 x $\frac{1}{2}$ -inch flat steel	30	9.50
141	Rollway Breaking Hook $1\frac{1}{2}$ x $\frac{5}{8}$ -inch steel	45	34.00



GRAPPLE HOOKS

Made from high carbon steel. Hand forged with heavy upset heads. Rings of soft steel.



No.	Size	Approx. Wt. (Lbs.) Per Pair	Price Per Dozen
A 190	$\frac{3}{4}$ -inch octagon steel	10	\$38.80
B 190	$\frac{7}{8}$ -inch octagon steel	12	41.50
190	1 -inch octagon steel	15	44.30
191	$1\frac{1}{8}$ -inch octagon steel	17	52.00
192	$1\frac{1}{4}$ -inch octagon steel	25	57.80

SWIVEL GRAB HOOK WITH HAND RING



No.	Will take $\frac{3}{8}$ -in. to $\frac{1}{2}$ -in. ring or chain	Price Per Dozen
16	1-in. steel with $\frac{5}{8}$ -in. ring	\$14.00

SWIVEL GRAB HOOK WITHOUT HAND RING

No.	Will take $\frac{3}{8}$ -in. to $\frac{1}{2}$ -in. ring or chain	Price Per Dozen
17	1-in. steel with $\frac{5}{8}$ -in. ring and hand ring	\$11.20

We can make Swivel Hooks any size desired. Prices on application.

SWIVEL ROUND HOOK

Has $\frac{3}{4}$ -inch ring to take up to $\frac{3}{4}$ -inch ring or chain

No.		Price Per Dozen
15	1-inch steel with $\frac{5}{8}$ -inch ring	\$11.20



CORNER BIND HOOK



No.	Will bind $\frac{5}{16}$ -inch to $\frac{1}{2}$ -inch chain	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
18	$\frac{1}{2} \times 1\frac{1}{4}$ -inch oval steel	24	\$ 4.90
A 18	Corner Bind Hook with ring	26	7.00

We can make Corner Bind Hooks of any pattern or size required. Prices on application.

SKIDDING TONGS

Hand forged with heavy upset points from special high carbon steel. These prices and illustrations show our regular line, but we will be pleased to quote prices on any style or size of tong.

WITH PLAIN SWIVEL GRAB HOOK



No.		Wt. (Lbs.) Per Pair	Price Per Dozen
B 145	$\frac{3}{4}$ -inch octagon steel to open 16 inches	7 $\frac{1}{2}$	\$49.80
A 145	$\frac{7}{8}$ -inch octagon steel to open 21 inches	12	58.70
145	1 -inch octagon steel to open 24 inches	15	66.50
146	1 $\frac{1}{8}$ -inch octagon steel to open 32 inches	22	74.00
147	1 $\frac{1}{4}$ -inch octagon steel to open 36 inches	30	94.60
148	1 $\frac{1}{2} \times \frac{5}{8}$ -inch flat steel to open 32 inches	22	74.00

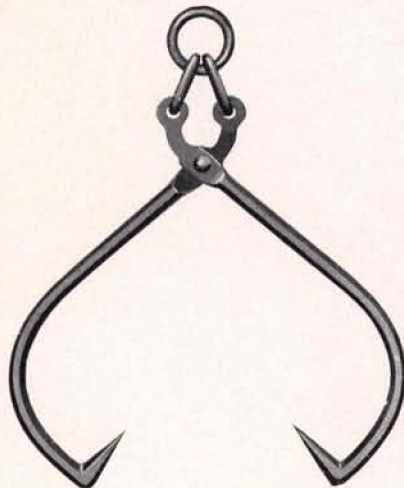
WITH PLAIN SWIVEL AND ROUND HOOK

No.		Wt. (Lbs.) Per Pair	Price Per Dozen
B 149	$\frac{3}{4}$ -inch octagon steel to open 16 inches	7 $\frac{1}{2}$	\$49.80
A 149	$\frac{7}{8}$ -inch octagon steel to open 21 inches	12	58.70
149	1 -inch octagon steel to open 24 inches	15	66.50
150	1 $\frac{1}{8}$ -inch octagon steel to open 32 inches	22	74.00
151	1 $\frac{1}{4}$ -inch octagon steel to open 36 inches	30	94.60
152	1 $\frac{1}{2} \times \frac{5}{8}$ -inch flat steel to open 32 inches	22	74.00

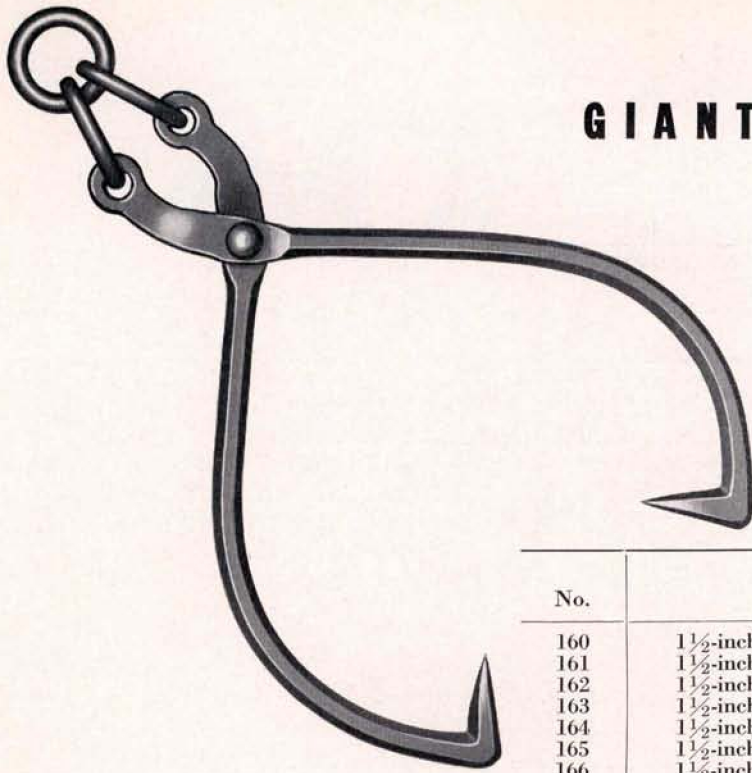


WITH RINGS ONLY

No.		Wt. (Lbs.) Per Pair	Price Per Dozen
B 153	$\frac{3}{4}$ -inch octagon steel to open 16 inches	7	\$46.00
A 153	$\frac{7}{8}$ -inch octagon steel to open 21 inches	11	55.00
153	1 -inch octagon steel to open 24 inches	14	62.50
154	1 $\frac{1}{8}$ -inch octagon steel to open 32 inches	21	69.60
155	1 $\frac{1}{4}$ -inch octagon steel to open 36 inches	29	89.90
156	1 $\frac{1}{2} \times \frac{5}{8}$ -inch flat steel to open 32 inches	21	69.60



We also manufacture special loading tongs for steam skidders and steam loaders. On any of the above we will be pleased to quote upon receipt of inquiry.



GIANT TONGS

No.		Wt. (Lbs.) Per Pair	Price Per Pair
160	1½-inch octagon steel to open 24 inches	43	\$17.00
161	1½-inch octagon steel to open 26 inches	44	17.10
162	1½-inch octagon steel to open 28 inches	44	17.30
163	1½-inch octagon steel to open 30 inches	45	17.40
164	1½-inch octagon steel to open 32 inches	45	17.40
165	1½-inch octagon steel to open 36 inches	48	18.30
166	1½-inch octagon steel to open 42 inches	51	20.10
167	1½-inch octagon steel to open 48 inches	54	20.90
172	1⅝-inch octagon steel to open 26 inches	51	21.20
173	1⅝-inch octagon steel to open 28 inches	52	21.50
174	1⅝-inch octagon steel to open 30 inches	54	21.80
175	1⅝-inch octagon steel to open 32 inches	55	22.30
176	1⅝-inch octagon steel to open 36 inches	57	22.60
177	1⅝-inch octagon steel to open 42 inches	60	24.40
178	1⅝-inch octagon steel to open 48 inches	65	26.10
179	1⅝-inch octagon steel to open 54 inches	70	27.90
185	1¾-inch octagon steel to open 28 inches	64	25.20
186	1¾-inch octagon steel to open 30 inches	66	25.50
187	1¾-inch octagon steel to open 32 inches	67	26.00
188	1¾-inch octagon steel to open 36 inches	70	27.90
189	1¾-inch octagon steel to open 42 inches	75	29.60
1190	1¾-inch octagon steel to open 48 inches	80	31.30
1191	1¾-inch octagon steel to open 54 inches	85	33.10
1192	1¾-inch octagon steel to open 60 inches	91	35.50
1193	1¾-inch octagon steel to open 66 inches	98	38.30
1294	1¾-inch octagon steel to open 72 inches	104	44.60
1201	1⅞-inch octagon steel to open 30 inches	71	29.10
1202	1⅞-inch octagon steel to open 32 inches	73	29.80
1203	1⅞-inch octagon steel to open 36 inches	77	30.70
1204	1⅞-inch octagon steel to open 42 inches	83	33.10
1205	1⅞-inch octagon steel to open 48 inches	89	36.00
1206	1⅞-inch octagon steel to open 54 inches	95	38.30
1207	1⅞-inch octagon steel to open 60 inches	101	42.60
1208	1⅞-inch octagon steel to open 66 inches	108	45.90
1290	1⅞-inch octagon steel to open 72 inches	114	49.70
1218	2-inch octagon steel to open 36 inches	91	38.60
1219	2-inch octagon steel to open 42 inches	97	41.00
1220	2-inch octagon steel to open 48 inches	104	44.00
1221	2-inch octagon steel to open 54 inches	111	47.00
1222	2-inch octagon steel to open 60 inches	118	51.40
1223	2-inch octagon steel to open 66 inches	126	55.10
1224	2-inch octagon steel to open 72 inches	134	58.70
1225	2 x ¾-inch flat steel to open 32 inches	40	17.40
1226	2 x ¾-inch flat steel to open 36 inches	42	19.30
1227	2 x ¾-inch flat steel to open 42 inches	45	20.10
1228	2 x ¾-inch flat steel to open 48 inches	49	20.90
1229	2 x ¾-inch flat steel to open 54 inches	52	22.60
1230	2 x ¾-inch flat steel to open 60 inches	55	24.40

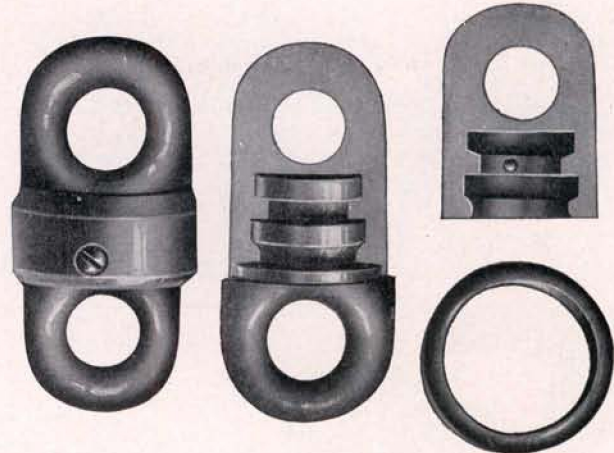
Our Giant Tongs are made of special high carbon steel, hand forged, with heavy upset heads. We can furnish these tongs with swivel hook at additional charge for hook. Giant Tongs are only made on special order, and are not returnable.

PACIFIC COAST SWIVEL (Covered by U. S. Letters Patent)

The Best for hoisting machinery on ships, electric cranes, etc.

It is with the utmost confidence that we offer our new Pacific Coast Swivel, which is easily the king among its class and possesses more desirable points than it seems possible to combine in one small compact, extra strong body. A few points of superiority are as follows:

- 1st—No weak parts.
- 2nd—All parts interchangeable. Admitting of quickly replacing those worn.
- 3rd—Only two-thirds the usual length.
- 4th—Will stand more than double the side strain of other swivels.
- 5th—It is perfectly round and draft strain covers its circle on all sides alike.
- 6th—Has no projecting parts.
- 7th—Is dirt and mud proof.
- 8th—Will hold its oil.
- 9th—Will swivel when drawn hard against any object.
- 10th—Has two draw heads. (Ponder on what this means as its advantages are too numerous to mention.)
- 11th—Will not stick or freeze. (You know what that means.)



12th—Forged from special crucible analysis steel and carefully machined.

In a word it is a swivel made perfect and looks as well as it acts, which means that it is a "beauty." Made in the following sizes and prices:

No.	Length of Swivel	Diameter of Swivel	Weight (Lbs.) Each	Will Take Rope	Breaking Strain	Price Each
0	2 3/4 inches	1 inch	5 oz.	3/8 inch	7130 lbs.	\$1.79
1	2 7/8 inches	1 3/8 inches	10 oz.	7/16 inch	14950 lbs.	2.29
3	4 1/2 inches	2 inches	2 1/4 lbs.	1/2 to 5/8 inch	46000 lbs.	2.71
5	5 inches	2 1/4 inches	3 1/4 lbs.	3/4 to 7/8 inch	72800 lbs.	3.79
10	6 3/8 inches	3 1/4 inches	7 1/4 lbs.	7/8 to 1 1/8 inches	82700 lbs.	5.43
15	8 inches	4 inches	12 1/2 lbs.	1 1/4 inches up	91300 lbs.	9.29

SWIVELS

We make a full line of forged steel swivels. These are very much stronger than the Malleable Swivels, and cost but a little more. In addition to the sizes mentioned below, we would be pleased to make quotations on any special swivel or other tools desired by the trade.

No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price per Dozen
A 1194	1/4 inch	1 1/2 pounds	\$ 2.70
B 1194	5/16 inch	3 pounds	2.75
1194	3/8 inch	6 pounds	2.85
C 1194	7/16 inch	9 pounds	3.75
1195	1/2 inch	10 pounds	4.30
1196	5/8 inch	18 pounds	6.00
1197	3/4 inch	30 pounds	10.00
1198	1 inch	84 pounds	20.00



Size	Extreme Outside Measure of Swivels	Inside Diameter Small Eye	Inside Diameter Basket	Breaking Strain
1/4 inch	2 1/2 x 1 1/8 inches	3/8 inch	5/8 x 5/8 inches	3000 pounds
5/16 inch	2 3/4 x 1 3/8 inches	7/16 inch	3/4 x 3/4 inches	5000 pounds
3/8 inch	3 1/4 x 1 5/8 inches	5/8 inch	13/16 x 7/8 inches	9000 pounds
7/16 inch	4 x 2 inches	11/16 inch	7/8 x 15/16 inches	12000 pounds
1/2 inch	4 3/4 x 2 1/4 inches	1 inch	1 x 1 inches	21430 pounds
5/8 inch	5 1/4 x 2 1/2 inches	1 inch	1 1/8 x 1 1/8 inches	25230 pounds
3/4 inch	6 1/2 x 3 1/8 inches	1 1/8 inch	1 1/4 x 1 1/4 inches	30660 pounds
1 inch	9 x 4 1/2 inches	1 7/8 inch	2 x 2 inches	58960 pounds

CHOKER HOOKS AND LINE HOOKS EQUIPPED WITH PACIFIC COAST SWIVELS

These hooks embrace so many good qualities that we will not undertake to name them all, but submit the following:
1st—They have the only style of swivel made that swivels under a heavy strain.
2nd—When properly oiled will swivel when old as well as when first used.

3rd—They have less than half the weight of the ordinary contrivance which embraces a large link and cumbersome non-working swivel.

4th—They save their price many times over in saving on lines and are the greatest logging tool since the advent of the donkey engine.

LINE HOOKS WITH PACIFIC COAST SWIVEL (Patented)



No.	Wire Rope	Size	Price Each
1424	$\frac{5}{8}$ inch	$1\frac{1}{4}$ inches	\$ 3.90
1425	$\frac{3}{4}$ inch	$1\frac{1}{2}$ inches	4.35
1426	$\frac{7}{8}$ inch	$1\frac{3}{4}$ inches	5.43
1427	1 inch	2 inches	7.60
1428	$1\frac{1}{8}$ inch	$2\frac{1}{8}$ inches	8.69
1429	$1\frac{1}{4}$ inch	$2\frac{1}{4}$ inches	10.86

LOCK LINE HOOKS WITH PACIFIC COAST SWIVEL (Patented)

No.	Wire Rope	Size Hook	Size Swivel	Breaking Strain	Price Each
1434	$\frac{5}{8}$ inch	$1\frac{1}{4}$ inches	No. 3	21000 lbs.	\$ 5.43
1435	$\frac{3}{4}$ inch	$1\frac{1}{2}$ inches	No. 5	30200 lbs.	5.97
1436	$\frac{7}{8}$ inch	$1\frac{3}{4}$ inches	No. 5	41200 lbs.	7.15
1437	1 inch	2 inches	No. 10	53800 lbs.	9.77
1438	$1\frac{1}{8}$ inch	$2\frac{1}{8}$ inches	No. 10	68200 lbs.	11.40
1439	$1\frac{1}{4}$ inch	$2\frac{1}{4}$ inches	No. 15	84200 lbs.	13.03



CHOKER HOOKS WITH PACIFIC COAST SWIVEL (Patented)



No.	Wire Rope	Size Choker Hook	Size Swivel	Breaking Strain	Price Each
1445	$\frac{1}{2}$ inch	$\frac{7}{8}$ x 2 inches	No. 3	13400 lbs.	\$ 5.43
1446	$\frac{5}{8}$ inch	1 x 3 inches	No. 3	21000 lbs.	7.60
1447	$\frac{3}{4}$ inch	$1\frac{1}{8}$ x 3 inches	No. 5	30200 lbs.	8.15
1448	$\frac{7}{8}$ inch	$1\frac{1}{4}$ x 3 inches	No. 5	41200 lbs.	9.50
1449	1 inch	$1\frac{1}{4}$ x $3\frac{1}{2}$ inches	No. 10	53800 lbs.	10.00
1450	$1\frac{1}{8}$ inch	$1\frac{1}{4}$ x 4 inches	No. 15	68210 lbs.	10.86
1451	$1\frac{1}{4}$ inch	$1\frac{3}{8}$ x 4 inches	No. 15	84200 lbs.	12.00

CHOKER HOOK WITH SOLID SWIVEL



No.	Wire Rope	Size	Price Each Per Dozen
1404	$\frac{1}{2}$ inch	$\frac{7}{8}$ x 2 inches	\$36.00
1405	$\frac{5}{8}$ inch	1 x 3 inches	48.00
1406	1 inch	$1\frac{1}{8}$ x $3\frac{1}{2}$ inches	60.00
1407	$1\frac{1}{8}$ inch	$1\frac{1}{8}$ x 4 inches	72.00
1408	$1\frac{1}{4}$ inch	$1\frac{1}{4}$ x 4 inches	96.00

CHOKER HOOKS

These are hand forged from high carbon steel.

No.	Wire Rope	Size Choker	Breaking Strain	Price Per Dozen
1308	$\frac{1}{2}$ inch	$\frac{7}{8}$ x 2 x $1\frac{1}{8}$ inch hole	13400 pounds	\$22.00
1309	$\frac{5}{8}$ inch	1 x 3 x $1\frac{3}{8}$ inch hole	21000 pounds	26.40
1310	$\frac{3}{4}$ inch	$1\frac{1}{8}$ x 3 x $1\frac{1}{2}$ inch hole	30200 pounds	33.60
1311	$\frac{7}{8}$ inch	$1\frac{1}{4}$ x 3 x $1\frac{1}{2}$ inch hole	41200 pounds	40.00
A 1311	1 inch	$1\frac{1}{4}$ x $3\frac{1}{2}$ x $1\frac{3}{4}$ inch hole	53800 pounds	42.00
A 1310	$1\frac{1}{8}$ inch	$1\frac{1}{8}$ x 4 x $1\frac{3}{4}$ inch hole	68200 pounds	43.50
B 1311	$1\frac{1}{4}$ inch	$1\frac{1}{4}$ x 4 x 2 inch hole	84200 pounds	45.00
1312	$1\frac{1}{2}$ inch	$1\frac{3}{8}$ x 4 x 2 inch hole	124000 pounds	48.00



PLAIN CHOKER
HOOK

CHOKER HOOK WITH LINK AND SWIVEL

No.	Wire Rope	Size Choker	Size Swivel	Breaking Strain	Price Per Dozen
1313	$\frac{1}{2}$ inch	$\frac{7}{8}$ x 2 inches	$\frac{1}{2}$ inch	13400 lbs.	\$50.00
1314	$\frac{5}{8}$ inch	1 x 3 inches	$\frac{5}{8}$ inch	21000 lbs.	57.00
1315	$\frac{3}{4}$ inch	$1\frac{1}{8}$ x 3 inches	$\frac{3}{4}$ inch	30200 lbs.	70.00
1316	$\frac{7}{8}$ inch	$1\frac{1}{4}$ x 3 inches	$\frac{3}{4}$ inch	30600 lbs.	74.00
1317	1 inch	$1\frac{1}{4}$ x $3\frac{1}{2}$ inches	1 inch	53800 lbs.	85.00
1318	$1\frac{1}{8}$ inch	$1\frac{1}{4}$ x 4 inches	1 inch	58900 lbs.	90.00



LINE HOOK WITH LINK AND PACIFIC COAST SWIVEL



No.	P. C. Swivel	Size	Price Per Dozen
1320	No. 1	1 inch	\$42.80
1321	No. 3	$1\frac{1}{4}$ inches	57.70
1322	No. 5	$1\frac{1}{2}$ inches	64.20
1400	No. 10	2 inches	83.40
1401	No. 10	$2\frac{1}{8}$ inches	92.80
1402	No. 15	$2\frac{1}{4}$ inches	149.80

LINE HOOKS

Same pattern as hook on swivel line hook.

These hooks are all hand forged and are made from the highest grade crucible analysis steel. We make them either in the "Washington" or "Oregon" style. The "Washington" pattern has the eye at right angles to the hook. The "Oregon" pattern has the eye in the same plane as the hook.

WASHINGTON PATTERN

No.	Size	Price Each
1351	1 inch	\$.65
1352	$1\frac{1}{8}$ inches	.75
1353	$1\frac{1}{4}$ inches	1.10
1354	$1\frac{3}{8}$ inches	1.20
1355	$1\frac{1}{2}$ inches	1.35
1356	$1\frac{3}{4}$ inches	2.15
1357	2 inches	2.70
1358	$2\frac{1}{8}$ inches	3.25
1359	$2\frac{1}{4}$ inches	3.80

OREGON PATTERN

No.	Size	Price Each
1360	1 inch	\$.65
1361	$1\frac{1}{8}$ inches	.75
1362	$1\frac{1}{4}$ inches	1.10
1363	$1\frac{3}{8}$ inches	1.20
1364	$1\frac{1}{2}$ inches	1.35
1365	$1\frac{3}{4}$ inches	2.15
1366	2 inches	2.70
1367	$2\frac{1}{8}$ inches	3.25
1368	$2\frac{1}{4}$ inches	3.80

We are specialists in the manufacture of High-Grade Lumberman's Labor-Saving Tools of standard and special designs. We ask no greater price for our product than do manufacturers of a grade made from inferior materials.

DROP FORGED CHAIN HOOKS AND COLD SHUTS

These hooks are made from the best grade soft steel and of the standard patterns. Workmanship unequalled

FORGED GRAB HOOKS

No.	Size Chain	Approx. Wt. Per 100 Pieces	Outside Dimensions	Price Per 100 Pieces
1	$\frac{1}{4}$ inch	30 pounds	$3\frac{1}{8} \times 1\frac{3}{4}$ inches	\$ 9.70
2	$\frac{5}{16}$ inch	46 pounds	$3\frac{1}{2} \times 1\frac{7}{8}$ inches	12.50
3	$\frac{3}{8}$ inch	80 pounds	$4\frac{1}{8} \times 2\frac{1}{4}$ inches	17.60
4	$\frac{7}{16}$ inch	130 pounds	$5 \times 2\frac{1}{2}$ inches	23.00
5	$\frac{1}{2}$ inch	175 pounds	$5\frac{1}{4} \times 3$ inches	31.30
A5	$\frac{9}{16}$ inch	250 pounds	$6\frac{1}{2} \times 3\frac{3}{8}$ inches	45.15
6	$\frac{5}{8}$ inch	370 pounds	$6\frac{3}{4} \times 3\frac{1}{2}$ inches	59.00
7	$\frac{3}{4}$ inch	610 pounds	$7\frac{3}{4} \times 4\frac{1}{4}$ inches	90.00
A7	$\frac{7}{8}$ inch	1000 pounds	$10\frac{1}{4} \times 6\frac{1}{16}$ inches	260.00
B7	1 inch	1500 pounds	$11\frac{1}{4} \times 6\frac{3}{4}$ inches	420.00



STRAIGHT EYE



TWISTED EYE

FORGED ROUND HOOKS

No.	Size Chain	Approx. Wt. Per 100 Pieces	Outside Dimensions	Width of Opening	Price Per 100 Pieces
8	$\frac{1}{4}$ inch	30 pounds	$3\frac{1}{4} \times 2\frac{3}{8}$ inches	$\frac{3}{4}$ inch	\$ 9.70
9	$\frac{5}{16}$ inch	44 pounds	$3\frac{7}{8} \times 2\frac{5}{8}$ inches	1 inch	12.50
10	$\frac{3}{8}$ inch	72 pounds	$4\frac{3}{4} \times 3\frac{1}{2}$ inches	$1\frac{1}{8}$ inches	17.60
11	$\frac{7}{16}$ inch	125 pounds	$5\frac{1}{2} \times 3\frac{7}{8}$ inches	$1\frac{1}{4}$ inches	23.00
12	$\frac{1}{2}$ inch	156 pounds	$6 \times 4\frac{3}{8}$ inches	$1\frac{1}{2}$ inches	31.30
A12	$\frac{9}{16}$ inch	260 pounds	$6\frac{1}{4} \times 4\frac{5}{8}$ inches	$1\frac{9}{16}$ inches	45.15
13	$\frac{5}{8}$ inch	262 pounds	$6\frac{1}{2} \times 5$ inches	$1\frac{3}{4}$ inches	59.00
14	$\frac{3}{4}$ inch	375 pounds	$7\frac{3}{4} \times 5\frac{1}{2}$ inches	2 inches	90.00
15	$\frac{7}{8}$ inch	1050 pounds	$9\frac{1}{2} \times 7\frac{5}{8}$ inches	$3\frac{7}{16}$ inches	260.00
16	1 inch	1500 pounds	$12\frac{1}{4} \times 8\frac{3}{4}$ inches	$3\frac{7}{8}$ inches	420.00

Furnished with twisted eye, like illustration unless straight eye is specified.

FORGED MILD STEEL COLD SHUTS

No.	Size Chain	Approx. Wt. Per 100 Pieces	Price Per 100 Pieces
A19	$\frac{3}{16}$ inch	4 pounds	\$ 4.00
19	$\frac{1}{4}$ inch	8 pounds	4.25
20	$\frac{5}{16}$ inch	11 pounds	4.50
21	$\frac{3}{8}$ inch	19 pounds	5.00
22	$\frac{7}{16}$ inch	25 pounds	5.50
23	$\frac{1}{2}$ inch	38 pounds	7.25
A23	$\frac{9}{16}$ inch	65 pounds	9.70
24	$\frac{5}{8}$ inch	75 pounds	12.10
25	$\frac{3}{4}$ inch	125 pounds	24.30
26	$\frac{7}{8}$ inch	200 pounds	44.00
27	1 inch	325 pounds	64.00
A27	$1\frac{1}{8}$ inch	475 pounds	100.00
B27	$1\frac{1}{4}$ inch	575 pounds	150.00
C27	$1\frac{1}{2}$ inch	975 pounds	200.00

We can furnish Cold Shuts with pinched ends, but will always ship plain ends unless otherwise specified.



DROP FORGED CONNECTING OR REPAIR LINKS

This Link is made from a fine grade of forging steel, drop forged, solid and without weld; in all sizes $\frac{1}{4}$ to 1 inch. Made to equal the strain of a chain the same size, and lengths of same dimensions. All links have been subjected to government test, and show a very high tensile strength.



Size Material	Length Inside	Price Per Dozen	Size Material	Length Inside	Price Per Dozen
$\frac{1}{4}$ inch	$\frac{3}{4}$ inch	\$1.25	$\frac{5}{8}$ inch	$1\frac{9}{16}$ inches	\$2.50
$\frac{5}{16}$ inch	$\frac{7}{8}$ inch	1.40	$\frac{11}{16}$ inch	$1\frac{13}{16}$ inches	3.30
$\frac{3}{8}$ inch	1 inch	1.50	$\frac{3}{4}$ inch	$1\frac{7}{8}$ inches	4.20
$\frac{7}{16}$ inch	$1\frac{1}{8}$ inches	1.70	$\frac{7}{8}$ inch	$2\frac{1}{8}$ inches	5.00
$\frac{1}{2}$ inch	$1\frac{1}{4}$ inches	1.90	1 inch	$2\frac{1}{2}$ inches	8.75
$\frac{9}{16}$ inch	$1\frac{7}{16}$ inches	2.25			

IMPROVED BULL DOG PATENT LOGGING DOGS OR LOG GRABS

(COVERED BY LETTERS PATENT)

FORGED FROM HIGHEST QUALITY CRUCIBLE ANALYSIS STEEL

The improved Bull Dog Patent Log Grabs, sometimes called Logging Dogs, or Grab Hooks, as now made by us have no superior. The pattern that we are now putting on the market is the result of the past 20 years of practical experience by practical men right in the woods. We have obtained the ideas of the best loggers in the business and incorporated these ideas in the Bull Dog Grabs as now made by us. Lumbermen in all sections are singing their praises. They are forged from the highest quality crucible analysis steel of the right carbon to be tough but not brittle. These grabs are easily driven and easily extracted, while the name "Bull Dog" explains their tenacity in holding on.

We make these in five sizes as follows:

No. 0 is for pulp wood and small hardwood.

No. 1 is for crotch grabs, ties and hardwood.

No. 2 is for trailing and is also a popular size with many for soft wood.

No. 3 is the large size for hemlock and other soft woods.

No. 6 is for extra large timber of all kinds.



No.	Size	Approx. Weight Per Dozen	Length Overall	Depth of Tooth	Price Per Dozen
277	No. 0	12	6½ inches	2¾ inches	\$4.80
278	No. 1	20	7½ inches	3¼ inches	5.80
279	No. 2	24	7¾ inches	3½ inches	6.50
280	No. 3	27	8 inches	4 inches	7.40
A280	No. 6	42	9½ inches	4½ inches	8.30

Loggers frequently want tools of new or special design. We are exceptionally well equipped for work of this kind, and will be glad at all times to furnish estimates and prices on anything wanted by the trade.

TRAILERS WITH STEEL FORGED SWIVELS



These are made with four links, hand forged from soft steel ⅝-inch in diameter. The swivel is ⅝ inch. The trailer is 18 inches between the grabs. We will use the No. 2 Grab unless otherwise specified. We can furnish this tool with heavier links and swivels at an additional price when so ordered.

No.		Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
A281	With No. 0 Grabs ½ inch Links and ½ inch Swivel	60	\$32.20
B281	With No. 1 Grabs ⅝ inch Links and ⅝ inch Swivel	90	35.90
281	With No. 2 Grabs ⅝ inch Links and ⅝ inch Swivel	105	37.30
C281	With No. 3 Grabs ⅝ inch Links and ⅝ inch Swivel	115	38.20

CROTCH GRABS

These are made with ½-inch tested chain and ¾-inch ring, hand forged, from mild steel. We use four hand-forged links to connect grabs and ring with chain. We will furnish with our No. 2 Grab unless otherwise specified. The length of each chain is 19 inches. We can furnish Crotch Grabs in heavier chain and rings at an additional price when so specified.

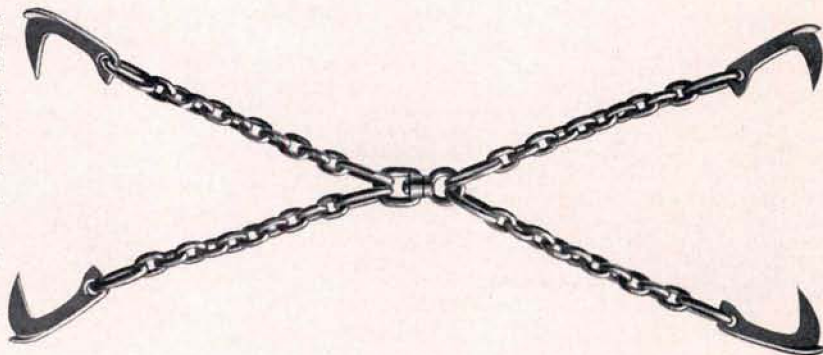
No.	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
282	180	\$50.60



FOUR PAW GRABS

This tool is made with forged $\frac{3}{4}$ -inch swivel, $\frac{1}{2}$ -inch links, and $\frac{1}{2}$ -inch chain. The links are hand-forged from mild steel, and the chain is tested. We will equip this tool with our No. 2 Grabs unless otherwise ordered. The length of each chain is 19 inches. We can furnish Four Paw Grabs in heavier swivel, links, and chain when so ordered.

No.	Approx. Wt. (Lbs.) Per Doz.	Price Per Doz.
284	384	\$104.00



CARTING GRABS

Made with $\frac{3}{4}$ -inch forged swivel and hand-forged rings and link with $\frac{1}{2}$ -inch tested chain. We will equip these with No. 2 Bull Dog Grabs unless otherwise specified. Each chain is 19 inches in length. We can furnish these tools with heavier chains, links, and swivels at an additional price when so ordered.

No.	Approx. Wt. (Lbs.) Per Dozen	Price Per Dozen
283	238	\$74.70

WARREN LOAD BINDERS



WITH SPRING

PATENTED



WITHOUT SPRING

As the load settles, the heavy coil spring automatically takes up the slack in the chain. The spring also acts as a *shock absorber*, greatly lessening the strain on the chain and binder. There are two swivels, so that the kinks may easily be taken out of the chain from both ends. The lever can be tipped to either side, and will lay flat on the load.

	Price Per Dozen
No. 4200—Standard Size—To take $\frac{3}{8}$ to $\frac{1}{2}$ inch Chain—20 inch Lever. Weight 16 lbs. each.....	\$34.00
No. 4201—Regular Size—To take $\frac{3}{8}$ to $\frac{1}{2}$ inch Chain—22 inch Lever. Weight 17 lbs. each.....	\$40.00
No. 4202—Large Size—To take $\frac{3}{8}$ to $\frac{1}{2}$ inch Chain—26 inch Lever. Weight 28 lbs. each.....	\$54.00
No. 4203—Large Size—To take $\frac{5}{8}$ to $\frac{3}{4}$ inch Chain—30 inch Lever. Weight 32 lbs. each.....	\$60.00

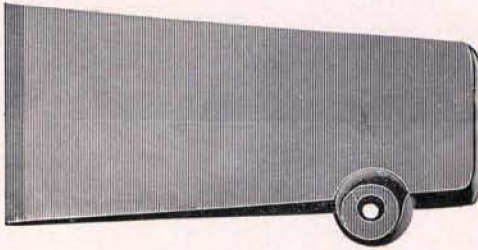
The lever cannot fly up and release the load and is drop forged from carbon steel. All other parts are drop forged from special tough steel. Note the overlapping pins that hold the clevis in fork of lever; when lever is down clevis cannot spring out. These pins are *forged with the lever—not riveted*. Will take up $4\frac{1}{2}$ -inch slack.

	Price Per Dozen
No. 4100—Standard Size—To take $\frac{3}{8}$ to $\frac{1}{2}$ inch Chain—20 inch Lever. Weight 11 lbs. each.....	\$24.00
No. 4101—Regular Size—To take $\frac{3}{8}$ to $\frac{1}{2}$ inch Chain—22 inch Lever. Weight 12 lbs. each.....	\$30.00
No. 4102—Large Size—To take $\frac{3}{8}$ to $\frac{1}{2}$ inch Chain—26 inch Lever. Weight 19 lbs. each.....	\$40.00
No. 4103—Large Size—To take $\frac{5}{8}$ to $\frac{3}{4}$ inch Chain—30 inch Lever. Weight 23 lbs. each.....	\$46.00

(In all details the same, but without spring).

STEEL SAW WEDGES

These wedges are made from high carbon steel, and are all hand forged. They are forged very smooth and with a good finish. We furnish them with links when so ordered.

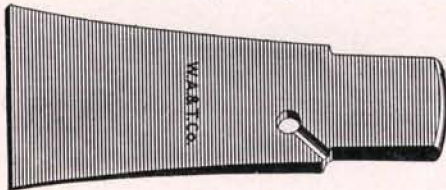


No.	Size	Approx. Wt. (Lbs.) Per Dozen	Price Per Pound
A264	1 pound	12	\$0.16
B264	1½ pounds	18	.16
264	2 pounds	24	.16
265	2½ pounds	30	.16
266	3 pounds	36	.16
267	3½ pounds	42	.16
268	4 pounds	48	.16
269	4½ pounds	54	.16

We will furnish estimates for our customers for any special pattern saw wedges on request.

MICHIGAN SAW WEDGES

In addition to the many other patterns of Saw Wedges we make, we can furnish the wedge as illustrated, in weights as below.

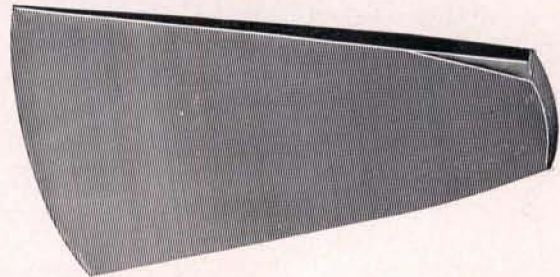


Weight	Price Per Pound
½ pound	\$0.20
¾ pound	.20
1 pound	.16
1½ pound and up	.16

BUCKING WEDGES

Hand forged from best high carbon steel, made in any weight or pattern.

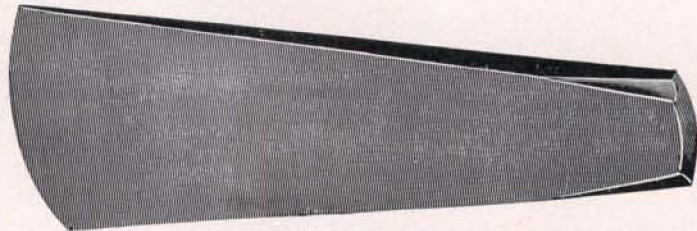
No.	Weight	Price Per Lb.
1329	2 pounds or over	\$0.16



FALLING WEDGES

Hand forged from best high carbon steel, made in any weight or pattern.

No.	Weight	Price Per Lb.
1330	2 pounds or over	\$0.16



SPLITTING WEDGES

Hand forged from best high carbon steel, made in any weight or pattern.

No.	Weight	Price Per Lb.
1331	2 pounds or over	\$0.16



AXE-EYE WOODCHOPPER MAULS

No.	Weight	Price Per Lb.
1332	6, 7, 8, 9 and 10 pounds	\$.18



Note: Always specify weight wanted.

EMERY WHEEL DRESSERS AND CUTTERS

Annual capacity one million sets cutters. Used for trueing, shaping, sharpening, and removing glaze from solid emery wheels running at full speed. Owing to the liability of serious accidents on account of breaking the ordinary cheap cast-iron dresser handle, we will equip all of our dressers with best malleable handles. Our Warren Safety Dresser has no equal.

NO. 90 REGULAR HUNTINGTON PATTERN

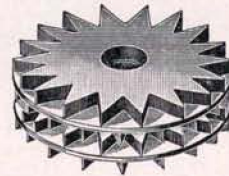


Malleable handle finished in black-baked enamel, has hardened steel bushings and pin, packed one in a box, twenty-five in a case.

Quantity	Price Each
In lots of 1 dozen or less.....	\$0.70
In lots of 12 to 25.....	.60
In lots of 25 to 50.....	.50
In lots of 50 to 100.....	.48
In lots of 100 to 500.....	.46
In lots of 500 and over.....	.44

With extra set of cutters.

MILLED TOOL STEEL CUTTERS



Best milled, made of the best crucible steel, uniformly tempered in oil, packed one hundred sets in a slide-cover wooden box.

Quantity	Price Per Set
In lots of less than 100.....	\$0.10
In lots of 100 to 500.....	.08
In lots of 500 to 1000.....	.07
In lots of 1000 to 3000.....	.06½
In lots of over 3000.....	.06

Huntington and Warren Safety Dressers take the same cutter.

NO. 120 WARREN SAFETY PATTERN



Malleable handle finished in vermillion baked enamel, has hardened steel bushings and pin. Packed one in a box, twenty-five in case. The safety feature is in the hood covering the cutters, which effectually prevents accident to the operator in case the pin or cutter wheels are fractured, and also prevents particles of emery from flying into the face and eyes of the operator.

Quantity	Price Each
In lots of 1 dozen or less.....	\$1.00
In lots of 12 to 25.....	.86
In lots of 25 to 50.....	.76
In lots of 50 to 100.....	.74
In lots of 100 to 500.....	.72
In lots of 500 and over.....	.70

With extra set of cutters.

Bushings for Warren Safety or Huntington Dressers \$1.50 per hundred pieces.

Pins for Warren Safety or Huntington Dressers \$1.00 per hundred pieces.

Write for discounts. All dressers packed in individual boxes with an extra set of cutters, and twenty-five complete dressers in a case. Prices are f. o. b. factory.

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