



*Whatever the job may be on the farm, in the garden or on the lawn, there is a **KEEN KUTTER** tool that will do the work—easier and better!*



KEEN KUTTER STEEL GOODS

The Best Money Can Buy!

Discriminating users in all parts of the country choose these tools because they are the best that it is possible to manufacture. **KEEN KUTTER** tools will save time and effort and do better work. They will save you money, too, for in the long run it always pays to buy the best.

KEEN KUTTER

SUPER FINE QUALITY

Improved steel of the exact analysis most suitable to be worked into the finest quality, is used for these tools. Every piece is made from this selected material by skilled craftsmen under careful inspection. Simmons' large sale of **KEEN KUTTER** steel goods is ample evidence that users everywhere appreciate the superfine quality built into every piece.

THE FINEST TEMPER

Tempering is perhaps the most important of all the operations necessary to turn out **KEEN KUTTER** guaranteed tools and here is skill and precision at its best.

All tines, blades and prongs of **KEEN KUTTER** steel goods have the finest temper that can be produced.

IMPROVED FERRULES

KEEN KUTTER GUARANTEE

You can depend upon the **KEEN KUTTER** trade mark. It is more than a brand name, it is a degree of quality. Simmons guarantees that every article which bears it is made of the best materials, by the most modern methods and proved superior in actual service.

The new tubular steel ferrule used on **KEEN KUTTER** steel goods increases the strength 25%, fits the handle like a glove and protects the wood. It surpasses others in durability and appearance, is practically unbreakable, has no rough edges to injure your hands, has no rivets to work loose. Ferrules are black enameled, caps are gold bronzed.

PERFECT FIT HANDLES

Extra select second growth straight ash handle, finely polished and covered with a transparent waterproof solution, which produces a permanent white color that will not rub off. This smooth, hard, lasting finish lengthens the life of the handle. Perfectly fitted handles give a pleasing finished appearance to the tools. No finer finish is possible. No rough edges where handle enters the socket.

There's a proper **KEEN KUTTER** tool for every use, carefully designed and constructed for its purpose. For best results select the right tool for the job to be done!

KEEN KUTTER FORKS

America's Finest

KEEN KUTTER forks are 25% stronger than ordinary forks and more resistant to wear. Yet they are lighter weight and perfectly balanced for easier handling. A special design for every use, constructed for its purpose. And the cost is so little more than the ordinary type that it pays in the long run to buy the best.

KEEN KUTTER IS EXTRA FINE QUALITY

Improved steel, of the exact analysis most suitable to be worked into the finest quality, is used for each of these forks. Every one is made from selected material by skilled craftsmen under careful inspection. Discriminating users in all parts of the country choose KEEN KUTTER forks because they know that it pays to buy quality tools. Quality, appearance and balance, built into every piece makes these forks prime favorites everywhere.

KEEN KUTTER GUARANTEE

You can trust the KEEN KUTTER trade mark. It is more than a brand name. It is a degree of quality. It is the "diploma" awarded by skilled inspectors who guarantee that every article which bears it is made of the very best materials by the most modern methods and proved superior in actual service. The KEEN KUTTER trade mark is stamped on the socket.

HAY FORKS

The design, balance and feel of these KEEN KUTTER forks make them a favorite with the farmer.



Three-Tine. Straight Handle.

Tines 12 inches long. Spread 7 1/4 inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB K304 1/2	\$1.59	4 1/2	33
AB K305	1.69	5	35
AB K305 1/2	1.89	5 1/2	37

Repair handle Nos. AB KHB, AB SHB series.



Three-Tine. Bent Handle.

Tines 12 1/2 inches long. Spread 7 1/4 inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KB304	\$1.49	4	31
AB KB304 1/2	1.59	4 1/2	33
AB KB305	1.69	5	35
AB KB305 1/2	1.89	5 1/2	37

Repair handle Nos. AB KHBS, AB SHB, AB HBK, AB PHB series.

Boys' Size—Regular Strap Ferrule.

Tines 10 1/2 inches long. Spread 6 1/2 inches.

No.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KYB304	\$1.49	4	27

Repair handle Nos. AB KYBS4 series.

One dozen or one-half dozen in a bundle. Tines wrapped in paper. Each handle in separate envelope.

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

Speeds Up and Lightens Hand Labor!

Tines—Highest grade forged steel, oil tempered and carefully tested. Here you find skill and precision at its best.

Handles—Only extra select second growth straight grained ash is used for these quality handles. They are finely polished and covered with a transparent weather-proof solution, producing a permanent white color that won't rub off—a smooth, hard, lasting finish that protects the life of the handle.

Ferrules—Extra strong new type black enameled steel tubular ferrules 10 inches long (except AB KYB304).

Caps—and top of tines—steel tough enough to take the hardest knocks. Gold bronzed finish.

Choose the forks that will fit your particular requirements. The right fork will conserve your time and energy and save you money.

HEADER FORKS

For loading or unloading, feeding separator and stacking headed grain and straw.



KANSAS PATTERN—DEEP DISH

Four-Tine. Bent Handle.

Round shoulder. Riveted shank.

Tines 15 inches long. Spread 11 inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KH404	\$2.15	4	37
AB KH404 1/2	2.19	4 1/2	40

Repair handle Nos. AB KHFS, AB SHE, AB HFK, AB PHE series.



MINNESOTA PATTERN—REGULAR DISH

Four-tine. Bent Handle.

Round shoulder. Riveted shank.

Tines 15 inches long. Spread 11 inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KM404	\$2.15	4	40
AB KM404 1/2	2.19	4 1/2	42
AB KM405	2.25	5	44

Repair handle Nos. AB KHFS, AB SHE, AB HFK, AB PHE series.

One dozen or one-half dozen in a bundle. Tines wrapped in paper. Each handle in separate envelope.

KEEN KUTTER FORKS

Extra First Quality

Highest grade forged steel tines, oil tempered and carefully tested. Extra select second growth straight grained ash handles, with **KEEN KUTTER** brand burnt in the wood, finely polished, lacquered and attractively labeled. Extra strong, new type, black enameled steel tubular ferrules 10 inches long (except where stated otherwise). Gold bronzed cap and top of tines.

GRAIN FORKS

The correct pitch, spacing, and length of tines in this **KEEN KUTTER** fork makes handling of hay and grain easier.



DAKOTA PATTERN—REGULAR DISH

Four Extra Long Tines. Bent Handle.

Square shoulder. Riveted shank.

Tines 16 inches long. Spread 12¼ inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KD404	\$2.29	4	46
AB KD404½	2.35	4½	48

Repair handle Nos. AB KHFS, AB SHE, AB HFK,
AY PGH series.

ALFALFA FORKS



DEEP DISH

Four-Tine. Extra Heavy Bent Handle.

Round shoulder. Riveted shank.

Tines 13 inches long. Spread 9¾ inches.

No.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KA401½	\$1.95	4½	36

Repair handle Nos. AB KHFS, AB SHE, AB HFK,
AB PHE series.

BALING PRESS FORKS



Four Slightly Curved Tines. Straight Handle.

• Handy for throwing hay into press and for faster handling of the hay crop. Regular steel ferrule.

Tines 7 inches long. Spread 8½ inches.

No.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KHB44½	\$1.49	4½	36

Repair handle No. AB SHK series.

One dozen or one-half dozen in a bundle. Tines wrapped in paper. Each handle in separate envelope.

SPADING FORKS

KEEN KUTTER spading forks are built to stand hard usage. Well designed and easily handled. Enters soil easily, releases freely.

Flat diamond back tines, polished face, natural finish on back.



Four-Tine. Bent Handle.

Pressed Steel "D" Handle With Wood Grip.

Tines 11 inches long. Spread 8¼ inches.

No.	Each	Length Handle, Inches	Weight Per Dozen, Lbs.
AB KSD40	\$1.89	30	58

Repair handle Nos. AY SSSF series.



Four-Tine. Bent Long Handle.

Tines 11 inches long. Spread 8¼ inches.

No.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KS40	\$1.79	4	66

ENGLISH DIGGING FORKS

Square tines are sharp, very slender and enter the ground easily.



SOCKET PATTERN

Four-Tine.

I-D-L Pressed Steel "D" Handle With Wood Grip.

One-piece solid steel head, shank and socket.

Tines 11½ inches long. Spread 8 inches.

No.	Each	Length Handle, Inches	Weight Per Dozen, Lbs.
AB KED4D	\$2.79	28	56



Four-Tine.

I-D-L Pressed Steel "D" Handle With Wood Grip.

One-Piece Solid Steel Head, Tubular Steel

Ferrule and Cap.

Tines 11½ inches long. Spread 8 inches.

No.	Each	Length Handle, Inches	Weight Per Dozen, Lbs.
AB KEDS4D	\$2.25	28	56

Repair handle No. AY SSSF series.

One-half dozen in a bundle. Handles wrapped in paper.

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

KEEN KUTTER FORKS

Extra First Quality

Highest grade forged steel tines, oil tempered and carefully tested. Extra select second growth straight grained ash handles, with **KEEN KUTTER** brand burnt in the wood, finely polished, lacquered and attractively labeled. Extra strong, new type, black enameled steel tubular ferrules 10 inches long. Gold bronzed cap and top of tines.

MANURE FORKS

These forks are properly and perfectly balanced to permit the greatest ease in handling and assure long useful service.



ACME PATTERN

Four-Tine—Bent Long Handle.

Tines 12 inches long. Spread extreme width 9 inches.

No.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KAM404½	\$2.10	4½	41

Repair handle Nos. AB KMBS, AB KHFS, AB SM, AB MBK, AB PM series.



Four-Tine—Bent Long Handle.

Tines 12½ inches long. Spread 9 inches.

No.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB K404	\$1.79	4	39
AB K404½	1.89	4½	41

Repair handle Nos. AB KMBS, AB SM, AB MBK, AB PM series.



CHAMPION PATTERN

Four-Tine—Bent Long Handle.

Tines 13 inches long. Spread 9 inches.

No.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB KCM404½	\$1.89	4½	41

Repair handle Nos. AB KMBS, AB KHFS, AB SM, AB MBK series.

One dozen or one-half dozen in a bundle. Tines wrapped in paper. Each handle in separate envelope.

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

MANURE FORKS



Five-Tine—Bent Long Handle.

Tines 12 inches long. Spread 9¼ inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB K504	\$1.95	4	41
AB K504½	2.10	4½	43

Repair handle Nos. AB KMBS, AB SM, AB MBK, AB PM series.



Six-Tine—Bent Long Handle.

Tines 12½ inches long. Spread 9¼ inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB K604	\$2.19	4	44
AB K604½	2.25	4½	46

Repair handle Nos. AB KMBS, AB SM, AB MBK, AB PM series.

One dozen or one-half dozen in a bundle. Tines wrapped in paper. Each handle in separate envelope.

MILL OR MANURE FORKS



Polished heavy diamond tines, 14 inches long with 2¼-inch space between tines. Spread 14 inches. Handle with I-D-L pressed steel D with large comfortable wood grip.

No.	Each	Length Handle, Inches	Weight Per Dozen, Lbs.
AB K151	\$2.89	30	48

Repair handle No. AB KCF series.

One dozen or one-half dozen in a bundle. Tines and handles wrapped in paper.

KEEN KUTTER FORKS

Extra First Quality

Highest grade forged steel tines, oil tempered and carefully tested. Extra select second growth straight grained ash handles, with **KEEN KUTTER** brand burnt in the wood. Finely polished, lacquered and attractively labeled. Extra strong, new type, black enameled steel tubular ferrules 10 inches long. Gold bronzed cap and top of tines.

Select the proper fork to meet your requirements in handling bulk produce whether on the farm, in a warehouse or factory. Their capacity is large and they will withstand hard usage.

SUGAR BEET SCOOP FORKS



SPECIAL DEEP SCOOP SHAPED DISH

Designed to carry an ample load—especially fine for loading beets, turnips, potatoes and other vegetables into truck or cars. The ball tipped tines prevent gouging.

Natural finish ball tipped oval tines. Handle has I-D-L pressed steel D with wood grip. Seven tines 16½ inches long, 14½-inch spread. Space between tines 2 inches.

Nos.	Each	Weight	
		Length Per Handle, Dozen, Inches	Lbs.
AB KBF7	\$2.89	32	75
AB KBF730	2.89	30	74

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

VEGETABLE SCOOP FORKS



DEEP SCOOP SHAPE

Pinch point tines with blunt ends prevent injury to commodity being handled. Shaped and balanced like a scoop shovel, just right for quick, efficient hand loading.

Natural finish broad oval tines with 1¼-inch space between. Handle 30 inches long with I-D-L pressed steel D, and comfortable wood grip.

Nos.	Each	Length			Wt. per Doz., Lbs.
		No. Tines	In.	Spread, In.	
AB KV10	\$3.29	10	15½	14	90
AB KV12	3.98	12	16	17½	100

Repair handle No. AY SVD series.

One-half dozen in a bundle.
Handles wrapped in paper.

COTTON SEED FORKS



DEEP SCOOP SHAPE

The long, closely shaped tines and scoop-shaped head make this a fine general purpose fork.

Natural finish diamond tines 17 inches long with flat-tipped blunt points. Space between tines 1¼ inches. Handle 30 inches long, with I-D-L pressed steel D, and comfortable wood grip.

Nos.	Each	No. Spread, Tines In.		Wt. per Dozen, Lbs.
		No. Tines	In.	
AB K410	\$3.29	10	14	95
AB K412	3.98	12	17	105

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

ENSILAGE OR BARN FORKS



The best fork for quick and easy handling of ensilage, kaffir corn and for general barn use. Long slender smooth tines properly dished and spaced. With the turned up outside tines these forks will carry a good big load.

Half-polished oval tines 16 inches long. Handle 30 inches long with I-D-L pressed steel D, with comfortable wood grip.

Nos.	Each	No. Spread, Tines In.		Space Btwn. Tines, In.	Wt. per Doz., Lbs.
		No. Tines	In.	In.	
AB KB6	\$2.89	6	12	2	66
AB KB8	2.98	8	13	1½	70
AB KB10	3.49	10	15	1½	74

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

STONE FORKS



STONE OR BALLAST

Natural finish square tines. Handle with I-D-L pressed steel D, and comfortable wood grip. 8 tines, 13½ inches long, spread 10½ inches, space between tines 1½ inches.

No.	Each	Weight	
		Length Per Handle, Dozen, Inches	Lbs.
AB KS8	\$2.89	30	90

Repair handle Nos. AB KCF, AY SCF, AB CFK series.
One-half dozen in a bundle.
Handles wrapped in paper.

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

KEEN KUTTER FORKS AND HOOKS

Extra First Quality

Highest grade forged steel tines, oil tempered and carefully tested. Extra select second growth straight grained ash handles, with **KEEN KUTTER** brand burnt in the wood. Finely polished, lacquered and attractively labeled. Extra strong, new type, black enameled steel tubular ferrules 10 inches long. Gold bronzed cap and top of tines.

COAL SCOOP FORKS



Scoop-shaped head and small space between tines make it possible to handle and screen the finer grades of soft and hard coal without spilling.

Natural finish round tines. Bent handle with I-D-L pressed steel D, and comfortable wood grip. Extra heavy ferrule.

Has 14 tines 17 inches long. Spread 18 inches, with 1-inch space between tines.

No.	Each	Length Handle, Inches	Weight Dozen, Lbs.
AB KSF14 1/2	\$4.69	30	120

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

COAL FORKS



Preferred to a shovel in many cases for handling coal or coke. Design and balance make it easy to handle.

Natural finish diamond tines with flattened blunt points. Bent handle with I-D-L pressed steel D, and comfortable wood grip.

Has 12 tines 16 inches long. Spread 13 inches, 3/8-inch space between tines.

No.	Each	Length Handle, Inches	Weight Dozen, Lbs.
AB KC102	\$4.25	30	96

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

COKE FORKS



Natural finish diamond tines, with flattened blunt points. Handles 30 inches long, with I-D-L pressed steel D, and comfortable wood grip. Extra heavy ferrule.

No.	AB KC10	AB KC12	AB KC14
No. Tines	10	12	14
Length Tines, In.	17	16	17
Spread, In.	15	16	18
Space between Tines, In.	1 1/4	1	1
Weight Dozen, Lbs.	90	100	110
Each	\$3.59	4.25	4.69

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

One-half dozen in a bundle.

Handles wrapped in paper.

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

STONE HOOKS



SHANK PATTERN

For Highway and Road Work

Ruggedly constructed to withstand the rough usage to which a tool of this kind is usually subjected.

Forged steel tempered prongs, light angular back tines, tumbled finish. Black enameled steel ferrule, riveted. Head bronzed. Extra select ash handle, polished, lacquered and labeled. Four prongs 9 3/4 inches long, 7 1/4 inches spread.

No.	Each	Length Handle, Inches	Weight Dozen, Lbs.
AB KLSH4	\$2.09	60	42

POTATO HOOKS



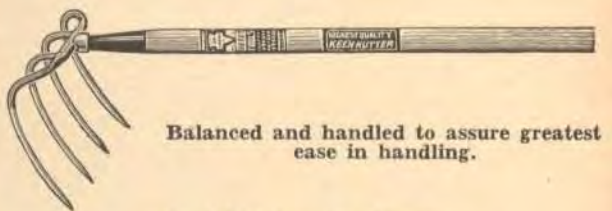
Round Prongs

High grade forged steel tumbled finish prongs, oil tempered and carefully tested. Bent head. Black lacquered steel plain ferrule, riveted. Extra select ash handle, polished, lacquered and labeled. Four prongs 7 inches long, spread 6 inches.

No.	Each	Length Handle, Feet	Weight Dozen, Lbs.
AB K4R	\$1.35	4 1/2	30

Repair handle Nos. AB KGH, AB SGH, AB GHK, AY PGH series.

MANURE HOOKS



Balanced and handled to assure greatest ease in handling.

Bent Head — Four Prongs

High grade forged steel with tumbled finish prongs, oil tempered and carefully tested. Extra select polished, lacquered and labeled straight ash handle. Black lacquered steel plain ferrule; shank riveted. Gold bronzed cap.

Prongs are 8 3/4 inches long, spread 9 3/4 inches.

No.	Each	Length Handle, Feet	Weight Dozen, Lbs.
AB KM40	\$1.49	5	45

Repair handles Nos. AB SHB5, AB 5SHK series.

One-half dozen in a bundle.

Handle in a separate envelope.

SIMMONS FORKS

ECONOMICAL! DEPENDABLE!

Strictly first class merchandise that will stand up under hard, constant use. Well shaped and properly balanced.

TINES

High quality forged steel, carefully tempered and tested.

HANDLES

Select ash, finely polished and covered with a transparent waterproof solution, which produces a permanent white color that will not rub off—a smooth, hard, lasting finish that lengthens the life of the handle.

CAPS

And tops of tines, gold bronzed to harmonize with handles and ferrules.

FERRULES

Tubular steel ferrules used on these forks increase their strength many times and make them practically unbreakable. They fit smoothly and protect the wood. No rough edges to injure the hands. No rivets to work loose. Length of ferrule 8 inches. Attractively red enameled.

HAY FORKS

These are farm favorites for sturdiness and long service. Make the job of handling hay and grain much easier!



CHAMPION PATTERN

Four-Tine — Bent Handle

Tines 12 inches long. Spread 7½ inches.

Nos.	Each	Length		Dozen,
		Handle,	Feet	
AB SCB404½	\$1.45	4½	35	
AB SCB405	1.49	5	36	

Repair handle Nos. AB SHB, AB KHBS, AB HBK, AB PHB series.



Three-Tine — Straight Handle

Tines 12 inches long. Spread 7¼ inches.

Nos.	Each	Length		Dozen,
		Handle,	Feet	
AB S304½	\$1.29	4½	33	
AB S305	1.39	5	35	
AB S305½	1.45	5½	37	

Repair handle Nos. AB SHK, AB KHBS, AB HBK, AB PHB series.



Three-Tine — Bent Handle

Tines 12½ inches long. Spread 7¼ inches.

Nos.	Each	Length		Dozen,
		Handle,	Feet	
AB SB304	\$1.19	4	31	
AB SB304½	1.25	4½	33	
AB SB305	1.29	5	35	

Repair handle Nos. AB SHB, AB KHBS, AB HBK, AB PHB series.

One-half dozen in a bundle. Tines and handles wrapped in paper.

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

HEADER FORKS

For loading or unloading, feeding separator and stacking headed grain and straw.



KANSAS PATTERN — DEEP DISH RIVETED SHANK

Four-Tine — Bent Handle

Round shoulder.

Tines 15 inches long. Spread 11 inches.

Nos.	Each	Length		Dozen,
		Handle,	Feet	
AB SH404	\$1.69	4	40	
AB SH404½	1.75	4½	40	

Repair handle Nos. AB SHE, AB KHFS, AB HFK, AB PHE series.



MINNESOTA PATTERN — REGULAR DISH

Four-Tine — Bent Handle

Round shoulder.

Tines 15 inches long. Spread 11 inches.

Nos.	Each	Length		Dozen,
		Handle,	Feet	
AB SM404	\$1.65	4	40	
AB SM404½	1.75	4½	42	
AB SM405	1.79	5	44	

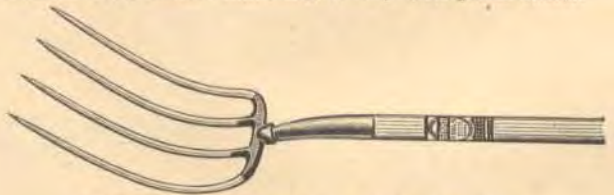
RIVETED SHANK

AB SM404½R	1.79	4½	42
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Repair handle Nos. AB SHE, AB KHFS, AB HFK, AB PHE series.

GRAIN FORKS

The correct pitch, spacing and length of tines in this SIMMONS fork makes handling of hay and grain easier.



DAKOTA PATTERN — REGULAR DISH

Four Extra Long Tines — Bent Handle

Plain Shank

SQUARE SHOULDER

Tines 16 inches long. Spread 12¼ inches.

Nos.	Each	Length		Dozen,
		Handle,	Feet	
AB SD404	\$1.98	4	46	
AB SD404½	2.10	4½	48	

Repair handle Nos. AB SHE, AB KHFS, AB HFK, AB PHE series.

One-half dozen in a bundle.

Tines and handles wrapped in paper.

SIMMONS FORKS

ECONOMICAL! DEPENDABLE!

High quality forged steel tines, tempered and tested. Selected ash handles, polished, lacquered and attractively labeled. Red enameled tubular steel ferrules 8 inches long. Gold bronzed caps and tops of tines.

ALFALFA FORKS



DEEP DISH PLAIN SHANK

Four-Tine — Extra Heavy Bent Handle
Round shoulder.

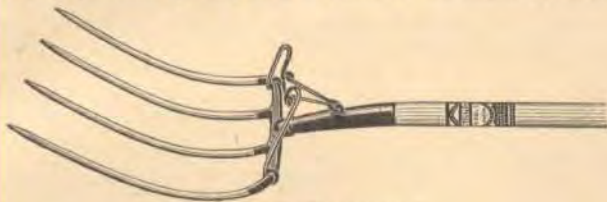
Tines 13 inches long. Spread 9 3/8 inches.

Nos.	Each	Length Handle Feet	Weight Dozen, Lbs.
AB SA404	\$1.45	4	34
AB SA404 1/2	1.49	4 1/2	36

Repair handle Nos. AB SAB, AB KAFS series.

BARLEY FORKS

When a large capacity fork is needed these will fill the bill. They have long slender tines with a wire rack or bail to prevent spilling and to increase the material load.



REGULAR DISH Four-Tine — Bent Handle Square shoulder.

Tines 18 inches long. Spread 14 inches.

Nos.	Each	Length Handle Feet	Weight Dozen, Lbs.
AB SX404 1/2	\$1.98	4 1/2	54
AB SX405	2.19	5	56
AB SX505	2.39	5	58

Repair handle Nos. AB SHE, AB KHFS, AB HFK,
AB PHE series.



REGULAR DISH

Five Tine. Malleable Iron "D" Handle with Wood Grip.
Square shoulder.

Tines 18 inches long. Spread 14 1/2 inches.

No.	Each	Length Handle Inches	Weight Dozen, Lbs.
AB SXD50	\$2.39	33 1/2	60

Repair handle Nos. AY SCF, AB KCF,
AB CFK series.

One dozen or one-half dozen in a bundle.

Tines and handles wrapped in paper.

SPADING FORKS

Spading in the garden or around the farm will be easier with this specially designed fork. It is a rugged tool built to stand tough digging.



Four Tines—Bent Handle with Pressed Steel "D" and
Comfortable Wood Grip

Flat diamond back tines, polished face, natural finish back.

Tines 11 inches long, spread 8 1/4 inches.

No.	Each	Length Handle, Inches	Weight Dozen, Lbs.
AB SSD40	\$1.49	30	58

Repair handle Nos. AB SMSF, AB SSSF series.

One dozen or one-half dozen in a bundle.

Tines and handles wrapped in paper.

POTATO HOOKS

These practical hooks ease the burden of potato digging and give you fewer bruised and cut potatoes.

Forged steel tumbled finish prongs, tempered and tested.

Bent head, gold bronzed. Red enameled steel plain ferrule. Riveted shank. Handle 4 1/2 feet long.



Four Broad Oval Prongs — 7 1/2 Inches Long

LIGHT PATTERN

Nos.	Each	No. Prongs	Spread, In.	Weight Dozen, Lbs.
AB S40L	\$1.29	4	7 1/4	27
AB S50L	1.49	5	7 1/2	30

HEAVY PATTERN

AB S40H	\$1.49	7 1/4	40
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Repair handle No. AB SS series.



Round Prongs — 7 Inches Long

Nos.	Each	No. Prongs	Spread, In.	Weight Dozen, Lbs.
AB S4R	\$1.29	4	6	26
AB S5R	1.49	5	6 1/4	27

Repair handle Nos. AB SGH, AB KGH, AB GHK,
AY PGH series.

One dozen or one-half dozen in a bundle.

Prongs and handles wrapped in paper.

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

SIMMONS FORKS

ECONOMICAL! DEPENDABLE!

High quality forged steel tines, tempered and tested. Selected ash handles, polished, lacquered and attractively labeled. Red enameled tubular steel ferrules 8 inches long. Gold bronzed caps and tops of tines.

MANURE FORKS

The values offered in these forks make them outstanding bargains for the person wanting a fork that's just a little above average. Design of tines and handles is correct for great leverage and heavy lifting.



ACME PATTERN

Four-Tine. Bent Handle

Tines 13 inches long. Spread 9 inches.

No.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB SAM404½	\$1.89	4½	41

Repair handle Nos. AB SM4½, AB KMBS4½,
AB MBK4½, AB PM4½ series.

CHAMPION PATTERN



Four-Tine. Bent Long Handle

Tines 13 inches long. Spread 9 inches.

No.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB SCM404½	\$1.49	4½	41

Repair handle Nos. AB SM, AB KMBS, AB MBK,
AB PM series.



Four-Tine. Bent Long Handle

Tines 12½ inches long. Spread 9 inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB S404	\$1.39	4	39
AB S404½	1.49	4½	41

Repair handle Nos. AB SM, AB KMBS, AB MBK,
AB PM series.

One dozen or one-half dozen in a bundle.
Tines and handles wrapped in paper.



Five-Tine. Bent Long Handle

Tines 12½ inches long. Spread 9¼ inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB S504	\$1.49	4	41
AB S504½	1.59	4½	43

Repair handle Nos. AB SM, AB KMBS, AB MBK,
AB PM series.



Six-Tine. Bent Long Handle

Tines 12½ inches long. Spread 9¼ inches.

Nos.	Each	Length Handle, Feet	Weight Per Dozen, Lbs.
AB S604	\$1.69	4	44
AB S604½	1.79	4½	46

Repair handle Nos. AB SM, AB KMBS, AB MBK,
AB PM series.



Bent Handle, 32 Inches Long

Pressed Steel D — Comfortable Wood Grip

Nos.	Each	No. Tines	Length In.	Spread In.	Wt. per Doz., Lbs.
AB SD40	\$1.39	4	13	10	38
AB SD50	1.49	5	13	10	42
AB SD60	1.79	6	13	10	44

Repair handle No. AB SMSD series.

One-half dozen in a bundle.
Tines and handles wrapped in paper.

Skilled Carpenters Know and Prefer *KEEN KUTTER* Saws

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

KLICKEr FORKS

Good Quality Serviceable Tools

Don't let the low price mislead you. These forks are much stronger and more dependable than you usually find in this price range.

Forged steel tempered tines. Good grade ash handles, smoothly finished and covered with a transparent water-proof solution, which produces a permanent white color that will not rub off—a smooth, hard, lasting finish that lengthens the life of the handle. Silver bronzed tubular steel ferrules, 8 inches long, caps and top of tines.

HAY FORKS

Popular with farmers for dependable service and economy. Makes job of handling hay and grain easy.



Three-Tine — Straight Handle

Tines 12 inches long. Spread 7 1/4 inches.

No.	Each	Length per Handle, Feet	Weight per Dozen, Lbs.
AB 305K	\$1.09	5	36

Repair handle No. AB 5SHK series.



Three-Tine — Bent Handle

Tines 12 1/2 inches long. Spread 7 1/4 inches.

Nos.	Each	Length per Handle, Feet	Weight per Dozen, Lbs.
AB 304BK	\$0.98	4	32
AB 304 1/2 BK	1.09	4 1/2	34
AB 305BK	1.19	5	36

Repair handle Nos. AB HBK, AB PHB, AB SHB, AB KHBS series.



CHAMPION PATTERN

Four-Tine — Bent Handle

Tines 12 inches long. Spread 7 1/2 inches.

No.	Each	Length per Handle, Feet	Weight per Dozen, Lbs.
AB 405CBK	\$1.29	5	36

Repair handle Nos. AB 5HBK, AB PHB, AB SHB, AB KHBS series.

One dozen in a bundle.

HEADER FORKS

For loading or unloading, feeding separator and stacking header grain and straw.



KANSAS PATTERN

DEEP DISH

Four-Tine — Bent Handle

Round Shoulder

Tines 15 inches long. Spread 11 inches.

Nos.	Each	Length per Handle, Feet	Weight per Dozen, Lbs.
AB 404HK	\$1.39	4	40
AB 404 1/2 HK	1.45	4 1/2	42

Repair handle Nos. AB HFK, AB PHE, AB SHE, AB KHFS series.



MINNESOTA PATTERN

REGULAR DISH

Four-Tine — Bent Handle

Round Shoulder

Tines 15 inches long. Spread 11 inches. Riveted shank

Nos.	Each	Length per Handle, Feet	Weight per Dozen, Lbs.
AB 404MK	\$1.39	4	40
AB 404 1/2 MK	1.45	4 1/2	42
AB 405MK	1.49	5	44

Repair handle Nos. AB HFK, AB PHE, AB SHE, AB KHFS series.

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.

Klicker Forks

Good Quality Serviceable Tools

Forged steel tempered tines. Good grade ash handles, smoothly finished and covered with a transparent water-proof solution, which produces a permanent white color that will not rub off—a smooth, hard, lasting finish that lengthens the life of the handle. Silvered bronzed tubular steel ferrules, 8 inches long, caps and top of tines.

MANURE FORKS

Compare these forks with some higher priced forks and see what values they are.



Four-Tine. Bent Long Handle

Tines 12½ inches long. Spread 9 inches.

Nos.	Each	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 404K	\$1.19	4	37
AB 404½K	1.25	4½	40

Repair handle Nos. AB MBK, AB PM, AB SM series.



Six-Tine. Bent Long Handle

Tines 12½ inches long. Spread 9¼ inches.

Nos.	Each	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 604K	\$1.45	4	46
AB 604½K	1.49	4½	48

Repair handle Nos. AB MBK, AB PM, AB SM, AB KMBS series.



Five-Tine. Bent Long Handle.

Tines 12 inches long. Spread 9¼ inches

Nos.	Each	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 504K	\$1.29	4	42
AB 504½K	1.39	4½	44

Repair handle Nos. AB MK, AB MBK, AB PM, AB SM series.

One-half dozen in a bundle.



Pressed Steel D Bent Handle 32 Inches Long With Comfortable Wood Grip

Nos.	Each	No. Tines	Length Tines, In.	Spread, In.	Wt. Per Doz., Lbs.
AB 50DK	\$1.29	5	12½	9¼	42
AB 60DK	1.49	6	12½	9¼	46

Repair handle No. AB SMSD series.

One-half dozen in a bundle.

SPADING FORKS

Designed to stand all-around abuse. Will give better service than an ordinary fork in this price range. Affords great leverage.

Angular back tines, 11 inches long, with polished face and tumbled back finish. Spread 8¼ inches.



Four-Tine

Pressed Steel "D" Bent Handle 30 Inches Long With Comfortable Wood Grip

No.	Each	Tines	Wt. per Dozen, Lbs.
AB 40SDK	\$1.19	Heavy	56
AB 40LSDK	1.09	Light	43

Repair handle Nos. AY 1SFK, AB SSF series.

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.

FAIRMOUNT FORKS

Makes Handling Bulk Products Easy!

Use these scoop-type forks for quick, easy handling of bulk products in farming, warehousing or manufacturing. Every one designed to save you time and effort in handling products.

Capacities are large. Forks guaranteed good quality to withstand rough usage.

BARN OR ENSILAGE FORKS



Just right for general barn use for handling ensilage and similar products.

Half polished oval tines 16 inches long with 1½-inch space between tines. Outside tines turned up to prevent spilling. Handle 30 inches long.

Nos.	Each	No. Tines	Spread, In.	Wt. per Dozen, Lbs.
AB FB8	\$2.79	8	13	70
AB FB10	3.29	10	15	74

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

COTTONSEED FORKS



DEEP SCOOP SHAPE

Flattened blunt points and diamond shaped, closely spaced tines make this just the fork for handling cottonseed, and other hard-to-manage bulk products.

Natural finish diamond tines 17 inches long, with flattened blunt points. 1¼-inch space between tines. Handle 30 inches long.

Nos.	Each	No. Tines	Spread, In.	Wt. per Dozen, Lbs.
AB F410	\$2.95	10	14	95
AB F412	3.69	12	17	105

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

KAFFIR KORN FORKS



One-half dozen in a bundle. Handles wrapped in paper.

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

Forged steel tines properly tempered and tested for long service. Handles selected ash, smooth belted and labeled. I-D-L pressed steel D and wood grip give added strength and durability. Black enameled steel strap ferrules.

SUGAR BEET SCOOP FORKS



SPECIAL DEEP SCOOP SHAPE DISH

The ball tipped oval tines prevent gouging of beets. Also handy for loading turnips or potatoes.

Natural finish tines 16½ inches long with 2-inch space between tines.

Nos.	Each	Length Handle, In.	No. Tines	Spread, In.	Wt. per Dozen, Lbs.
AB FBF7	\$2.69	32	7	15	75
AB FBF730	2.69	30	7	15	74

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

VEGETABLE SCOOP FORKS



DEEP SCOOP SHAPE

Save time, effort and money! Use this fork for handling vegetables. Flattened blunt points protect fruit, corn, cabbage and similar products from injury. Shaped and balanced like a scoop shovel for maximum load.

Natural finish broad oval tines, with 1¼-inch space between tines. Length handle 30 inches.

Nos.	Each	No. Tines	Length In.	Spread, In.	Wt. per Dozen, Lbs.
AB FV10	\$2.95	10	15½	14	90
AB FV12	3.69	12	16½	17½	100

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

KAFFIR KORN OR MILO MAIZE

Convenient, easy-loading fork. Outside tines turned up for scooping and holding a large quantity of milo maize, kaffir korn, coarse ensilage and similar bulky products. Black oval tines 17½ inches long with 1½-inch space between tines. Handle 30 inches long.

No.	Each	No. Tines	Spread, In.	Wt. per Dozen, Lbs.
AB F100	\$3.19	10	16¼	80

Repair handle Nos. AB KCF, AY SCF, AB CFK series.

GARDEN CULTIVATORS

KEEN KUTTER

The handiest and most practical of all hand garden tools for cultivating flowers and vegetables.

High-grade square steel bent prongs, with forged blades at ends. Each prong held to frame by individual loop bolt and nut permitting removal of any prong desired. Selected straight ash handles, smooth, transparent waterproof finish. Metal parts painted gray and gold. Perfectly adjustable for all kinds of work.



Adjustable Five-Prong

Steel frame and handle socket. Head 8 inches long, 6 inches high. Extreme spread 8½ inches. Length handle 4½ feet.

AB KHC5—Weight per dozen 40 lbs.

Each \$1.35

Repair handle Nos. AB KGH, AB SGH, AB GHK, AYPGH series.



JUNIOR Adjustable Three-Prong

Prongs adjustable and designed for use in flowers, and small shrubbery, or for cultivating small vegetables and all low-growing plants where hand cultivator is preferred.

Malleable iron frame and handle socket. Height head 5½ inches. Length of teeth from head 6¼ inches. Extreme spread 5½ inches. Length handle 4 feet.

AB KHC3—Weight per dozen 19 lbs.....Each \$1.09

Repair handle Nos. AB KGH, AB SGH, AB GHK, AYPGH series.

One-half dozen in a bundle.

SIMMONS

Economical! Dependable!

These garden tools will give long, dependable service. Better quality yet cost less than ordinary garden cultivators.

Square steel bent prongs, with forged blades at ends. Each prong held to frame by individual loop bolt and nut—permitting removal of any prong desired. Selected straight ash handles, smooth, transparent, waterproof finish. Metal parts painted gray and gold. Perfectly adjustable for all kinds of work.



Adjustable Five-Prong

Steel frame and handle socket. Length head 8 inches; height 6 inches. Extreme spread 8½ inches. Length handle 4½ feet.

AB SHC5—Weight per dozen 40 lbs....Each \$1.09

Repair handle Nos. AB KGH, AB SGH, AB GHK, AYPGH series.



JUNIOR Adjustable Three-Prong

Use this handy little cultivator for flower beds, small shrubbery, for working with small vegetables and low-growing plants where hand cultivation is required.

Malleable iron frame and handle socket. Height head 5½ inches. Length of teeth from head 6¼ inches. Extreme spread 5½ inches. Length handle 4 feet.

AB SHC3—Weight per dozen 19 lbs.....Each \$0.98

Repair handle Nos. AB KGH, AB SGH, AB GHK, AYPGH series.

One-half dozen in a bundle.



SPEEDY Four-Teeth

Sharp pointed curved tines hung at just the right angle to penetrate soil easily and loosen it with a simple pulling motion. Especially fine for preparing ground for seeding and cultivation after planting.

High-grade forged steel head and teeth. Steel shank. Red finish. Black japanned steel ferrule riveted on. Extra select straight ash handle, 4¼ feet long. Length teeth 4 inches. Spread (extreme width) 5 inches.

AB KSC4—Weight per dozen 22 lbs.....Each \$1.09

Repair handle Nos. AB KGH, AB SGH, AB GHK, AYPGH series.

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.

KEEN KUTTER HOES

AMERICA'S FINEST!

KEEN KUTTER hoes are 25% stronger than ordinary hoes and more resistant to wear. Yet they are lighter weight with perfect balance for easier handling. A special design for every use, carefully constructed for its purpose. And the cost is so little more than the ordinary type hoe that it pays, in the long run, to buy the best.

KEEN KUTTER IS EXTRA FINE QUALITY

Improved steel, of the exact analysis most suitable to be worked into the finest quality, is used for each of these hoes. Every one is made from selected material by skilled craftsmen under careful inspection. Discriminating users in all parts of the country choose these hoes because they know that it pays to buy quality tools. Quality, appearance and balance built into every piece makes these hoes prime favorites everywhere.

KEEN KUTTER GUARANTEE

You can trust the KEEN KUTTER trade mark. It is more than a brand name. It is a degree of quality. It is the "diploma" awarded by skilled inspectors who guarantee that every article which bears it is made of the very best materials, by the most modern methods and proved superior in actual service.

Speeds up and lightens hand labor!

- **Blades**—highest grade forged steel, oil tempered and carefully tested. Here you find skill and precision at its best.
- **Handles.** Only extra select second growth straight grained ash is used for these quality handles. They are finely polished and covered with a transparent weather-proof solution, producing a permanent white color that won't rub off—a smooth, hard, lasting finish that protects the life of the handle.
- **Sockets and necks**—high-grade forged steel for longer, better service.
- **Shanks**—special high quality forged steel for durability.
- **Ferrules**—tough steel for extra strength.
- **Caps**—steel, tough enough to take the hardest knocks.

Choose the hoes that will fit your particular requirements. The right type will conserve your time and energy and save you money.

You Can't Go Wrong on KEEN KUTTER—the Highest Quality Hoes

GARDEN HOES

REGULAR FIELD AND GARDEN

Just the hoe for farm and garden service—the best for all around general use.



SOCKET PATTERN—REGULAR SIZE

Polished blade. Gold bronzed steel socket.

Nos.	Each	Width Cut, Inches	Depth Blade, Inches	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KG206	\$1.19	6	4 $\frac{3}{8}$	4 $\frac{1}{4}$	26
AB KG206 $\frac{1}{2}$	1.19	6 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{8}$	27
AB KG207	1.25	7	4 $\frac{1}{2}$	4 $\frac{1}{8}$	28
AB KG207 $\frac{1}{2}$	1.29	7 $\frac{1}{2}$	4 $\frac{3}{4}$	4 $\frac{1}{8}$	29
AB KG20	1.29	Assorted 6 $\frac{1}{2}$ to 7 $\frac{1}{2}$	4 $\frac{3}{4}$	4 $\frac{1}{8}$	28

Repair handle No. AB KSGH series.



SOCKET PATTERN—LIGHT WEIGHT

Polished blade. Gold bronzed steel socket.

Nos.	Each	Width Cut, Inches	Depth Blade, Inches	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KLG6	\$1.00	6	4 $\frac{3}{8}$	4 $\frac{1}{2}$	26
AB KLG6 $\frac{1}{2}$	1.10	6 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$	27

Repair handle No. AB KSGH series.

One dozen or one-half dozen in a bundle. Heads wrapped in paper. Each handle in a separate envelope.

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

GARDEN HOES



SHANK PATTERN

Nos.	Each	Width Cut, Inches	Depth Blade, Inches	Length Handle, Feet	Wt. Per Dozen, Lbs.
Ladies' Size					
AB KL105	\$0.98	5	4 $\frac{1}{4}$	4	18
Boys' Size					
AB KY106	1.09	6	4 $\frac{3}{8}$	4	22

Repair handle Nos. AB KGH, AB SGH, AB GHK, AY PGH series.

PLANTERS' HOES

Heavy type of hoe used generally in the cotton growing states. Just the tool for uneven, hard and stony ground.



REGULAR GOOSE NECK—SHANK PATTERN

Shank $\frac{5}{8}$ Inch Diameter

Polished blade. Black lacquered steel ferrule. Gold bronzed shank and cap. Width cut 8 inches, depth blade 6 inches.

No.	Each	Length Handle, Feet	Wt. Per Doz., Lbs.
AY KP108	\$1.00	5	43

Repair handle Nos. AY SRCH, AY PHK series.

One dozen or one-half dozen in a bundle. Heads wrapped in paper. Each handle in a separate envelope.

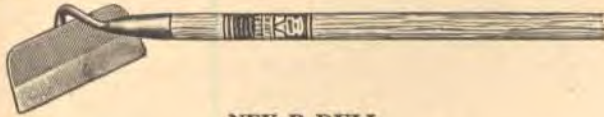
KEEN KUTTER HOES

AMERICA'S FINEST

Blades, highest grade forged steel, oil tempered and carefully tested. Handles, extra select second growth straight-grained ash finely polished, lacquered and attractively labeled. Sockets and necks highest grade forged steel, tough steel caps.

SOUTHERN MEADOW HOES

Light and strong with wide shallow blades which retain their sharp cutting edges. They serve well for use in blacklands, and for chopping cotton and general hoeing.



NEV-R-DULL LONG SOCKET PATTERN

New and distinct. The cutting edge is ground in a specially designed grinder to an extremely thin edge leaving a series of ridges or ribs to add strength and stiffness to the thin metal. Will retain a sharp cutting edge for its life.

Blade and neck forged from one-piece high carbon steel, carefully oil tempered. One-third polished. Brilliant gold bronzed steel socket. Light spring gloss finish handle.

No.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Feet	Wt. Doz., Lbs.
AB KND083	\$1.49	8	13	4½	25

Repair handle No. KS GH series.



LONG SOCKET PATTERN

Full Polished Blade

These hoes have a long socket which gives them a modern streamlined appearance and keeps the handle out of the dirt and moisture. Improved hang and balance makes the work easier.

Blade and neck forged from one-piece special carbon steel, taper rolled, leaving a sturdy center with thin cutting edge. Gold bronzed steel socket. Socket and neck 10½ inches long. Durable gloss finish handle.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Feet	Wt. Doz., Lbs.
AB KLS47	\$1.09	7	4	4½	31
AB KLS48	1.19	8	4	4½	32
AB KLS49	1.29	9	4	4½	33

Repair handle No. KS GH series.



TRINITY—SOCKET PATTERN

Shallow polished blade. Shank about ⅞-inch in diameter. Gold bronzed steel socket.

Nos.	Each	Width Cut, Inches	Depth Blade, Inches	Length Handle, Feet	Weight Dozen, Lbs.
AB KT207	\$1.00	7	4	5	32
AB KT208	1.10	8	4	5	32
AB KT209	1.15	9	4	5	33
AB KT210	1.19	10	4	5	34

Repair handle Nos. AB SLCS, AY 5LCSK series.

One dozen or one-half dozen in a bundle. Heads wrapped in paper. Each handle in a separate envelope.

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

STRAWBERRY HOES

BEET, NURSERYMEN'S OR STRAWBERRY

Angular top blade slips easily through and under tops of beets or strawberries. A favorite with nurserymen for cultivating delicate growing plants.



SOCKET PATTERN

Polished blade, gold bronzed steel socket.

No.	Each	Width Cut, Inches	Depth Blade, Inches	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KNO7½	\$1.29	7½	3½	4⅓	26

Repair handle No. AB KSGH series.



SHANK PATTERN

Polished blade, black lacquered steel ferrule. Gold bronzed shank, depth blade 3½ inches.

Nos.	Each	Width Cut, Inches	Length Handle, Feet	Weight Doz., Lbs.
AY KN6½	\$1.09	6½	4⅓	24
AB KN7½	1.19	7½	4⅓	26

Repair handle Nos. AB KGH, AB SGH, AB GHK, AY PGH series.

COTTON HOES

Somewhat lighter than the planters' hoes—used extensively where soil is light, loamy and easily worked.



HEAVY COTTON—SHANK PATTERN

Polished blade. Black lacquered steel ferrule. Gold bronzed shank, about ½-inch in diameter.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Feet	Wt. Doz., Lbs.
AB KHC106	\$0.89	6	5¼	4½	33
AB KHC106½	.98	6½	5¼	5	35
AB KHC107	1.00	7	5½	5	36
AB KHC107½	1.05	7½	5½	5	36
AB KHC108	1.10	8	5¾	5	38

Repair handle Nos. AB SRCH, AY PHK, AY 5LCHK, AY PCHP series.

One dozen or one-half dozen in a bundle. Heads wrapped in paper. Each handle in a separate envelope.

KEEN KUTTER HOES

AMERICA'S FINEST

Blades, highest grade forged steel, oil tempered and carefully tested. Handles, extra select second growth straight grained ash finely polished, lacquered and attractively labeled. Extra sturdy type black lacquered steel ferrules. Sockets and necks highest grade forged steel. Tough steel caps.

ONION OR BEET HOES



"EASY KUT"—SHANK PATTERN

A weeding and mulching hoe with three cutting edges. Extremely shallow blade and carefully sharpened edge and sides made it "easy cutting," and especially adapted to stirring or mulching top soil and killing weeds. Polished, square blade tapered from center to sides. Width cut 7 inches. Depth blade 1 1/4 inches. Black lacquered steel ferrule, gold bronzed shank.

No.	Each	Length Handle, Feet	Wt. Per Doz., Lbs.
AB KNH7	\$1.49	4 1/4	25

Repair handle No. AB GHK series.

One dozen or one-half dozen in a bundle. Heads wrapped in paper. Each handle in a separate envelope.

MORTAR HOES

Designed to increase efficiency and to save labor in the hard work of hand-mixing mortar. Ruggedly built of the finest steel to give long and satisfactory service.



SOCKET PATTERN

Polished blade, gold bronzed socket.

No.	Each	Width Cut, Inches	Depth Blade, Inches	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KMO10	\$1.79	10	6	5 1/2	52

Repair handle No. AB SO66 series.



TWO-HOLE—SHANK PATTERN

Polished blade, black lacquered steel ferrule. Gold bronzed shank.

No.	Each	Width Cut, Inches	Depth Blade, Inches	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KPM10	\$1.89	10	6	5 1/2	50

Repair handle No. AB S66 series.

SOCKET PATTERN

Polished blade, gold bronzed socket.

No.	Each	Width Cut, Inches	Depth Blade, Inches	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KPMO10	\$1.95	10	6	5 1/2	50

Repair handle No. AB SO66 series.

One dozen or one-half dozen in a bundle.

Heads and handles wrapped in paper.

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

SCUFFLE HOES



KEEN KUTTER

SHANK PATTERN

Polished Finish

This scuffle hoe enjoys popular demand as a practical tool. Handles nicely. Does a fast job of weeding and mulching between rows.

Shank and blade forged from one-piece solid steel. Long plain steel ferrules.

Nos.	Each	Width Cut, Ins.	Depth Blade, Ins.	Lgth., Hdle., Feet	Per Doz., Lbs.
AB KSF125	\$1.25	7 1/2	4	5	30

Repair handle No. AB SS15 series.

RAILROAD SCUFFLE HOES



SHANK PATTERN

Extra Heavy Polished Blade

The design and construction make it a very sturdy tool for the heavy work of eliminating weeds and grass from roadbeds along railroad right-of-ways.

Forged from one piece of steel. Single straight shank pattern. Black lacquered steel ferrule, bronze shank.

No.	Each	Width Cut, Inches	Length Blade, Inches	Length Handle, Feet	Wt. Per Doz., Lbs.
AB KRS84	\$1.49	8	4	5	45

Repair handle No. AB SS15 series.

One dozen in a bundle.

TURF EDGERS

You can keep the edges around walks, drives and flower beds nicely trimmed with this convenient turf edger. Circular blade has sharp cutting edge that will penetrate sod and soil with ease.



SHANK PATTERN

Polished rounded blade with flanged flat top.

No.	Each	Width Cut, Inches	Length Blade, Inches	Length Handle, Feet	Wt. Per Doz., Lbs.
AB KTE40	\$1.09	9	5	4	32

Repair handle No. AB SS4 1/2 series.

One dozen or one-half dozen in a bundle. Heads wrapped in paper. Each handle in a separate envelope.

KEEN KUTTER HOES

America's Finest

WEEDING HOES

These fine tools hold their edge, give lasting service and are properly designed for the work they have to do. Yet they cost so little more that you will save in the long run by using them.



ACME PATTERN
Two Prongs

This convenient tool serves equally well as a hoe or a cultivator. Particularly useful in close rows with not sufficient room for wheel cultivator. Black dipped blade, polished cutting edge, black ferrule.

No.	Each	Width Cut, Inches	Length Blade, Inches	Length Handle, Feet	Wt. Per Doz., Lbs.
AB KA	\$1.09	4½	9	4½	25

Repair handle Nos. AB KGH, AB SGH, AB GHK,
AY PGH series.



Two Prongs

Blades and shank are forged from one piece of high quality steel, assuring a firm set to the head and sharp cutting edges which hold the edge and take resharpening. Gray dipped blade, polished cutting edge. Black lacquered ferrule.

No.	Each	Width Cut, Inches	Length Blade, Inches	Length Handle, Feet	Wt. Per Doz., Lbs.
AB K20	\$0.89	4	9	4½	24

Repair handle Nos. AB KGH, AB SGH, AB GHK,
AY PGH series.



One Prong

Handy tool for digging, furrowing and cultivating. The one sharp prong slips easily into the soil and releases freely. Strong and sturdy. Black dipped blade, polished cutting edge. Black lacquered steel ferrule.

No.	Each	Width Cut, Inches	Length Blade, Inches	Length Handle, Feet	Wt. Per Doz., Lbs.
AB K10	\$0.89	4	9	4½	24

Repair handle Nos. AB KGH, AB SGH, AB GHK,
AY PGH series.

One-half dozen in a bundle.

CULTIVATOR HOES



BEEBE PATTERN

One Prong

Very handy tool for general cultivating and digging seed furrows.

Black dipped blade, polished cutting edge, drop forged shanks, black ferrule.

No.	Each	Width Cut, Inches	Length Blade, Inches	Length Handle, Feet	Wt. Per Doz., Lbs.
AB KBB6	\$1.09	6	9¾	4½	26

Repair handle Nos. AB KGH, AB SGH, AB GHK,
AY PGH series.

One-half dozen in a bundle.

TRIANGULAR STEEL WEEDERS

A very important tool for any well-tended garden. It will last a lifetime and can be resharpened.



Solid steel gold bronzed neck and socket.

No.	Each	Width Cut, Inches	Length Blade, Inches	Length Handle, Inches	Wt. Per Doz., Lbs.
AB K3W12	\$0.59	3	2¾	12	8

One dozen in a bundle.

GARDEN HOES



COMET

SHANK PATTERN

This attractive hoe is fine for all around general farm and garden use.

Black finish. Extra-select ash handle. Sheet steel blade riveted to diamond shaped steel shank. Cutting edge polished.

No.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Feet	Wt. Per Doz., Lbs.
AB CH7	\$0.49	7	4½	4	22

Repair handle No. AY PGH series.

One 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.

KEEN KUTTER HOES

America's Finest

MATTOCK HOES

Choose these hoes for the best service. Correctly designed and sturdily built to withstand hard usage.



WARREN PATTERN

Special one-piece forged steel polished blade and points. Tapered, ridged and eared blade. Gold bronzed steel neck and socket. Select straight grained ash handle, polished and lacquered. Width blade 6 3/8 inches, depth 7 1/2 inches.

No.	Each	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KW7 1/2	\$1.49	4 1/2	27

Repair handle Nos. AB KGH, AB SGH series.
One-half dozen in a bundle. Heads burlapped.
Handles tubed.



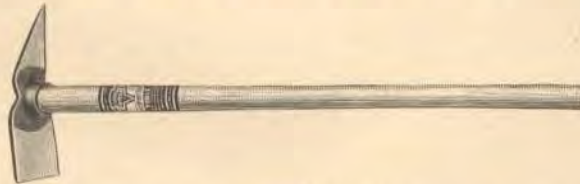
Tempered Blades—Extra Heavy and Strong

This shank pattern hoe has a blade 1/2-inch thick at center and 12 inches long which makes it one of the best for all-around heavy duty work, such as digging, weeding, light grubbing, hilling and general cultivating.

High-grade forged steel head with up-set steel shank. Tempered blade. Black enameled body, with large blade half polished. Black lacquered steel ferrule, riveted. Extra select second growth straight grained ash handle, polished, lacquered and labeled. Length blade 12 inches, width cutters 1 3/4 and 3 1/4 inches.

No.	Each	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KDE3H	\$1.49	4 1/2	45

Repair handle No. AB SS4 1/2 series.



SOUTHERN QUEEN

Sharp point and ground edge make this a very handy hoe for digging and weeding. Polished blades slip easily into the soil.

One-piece high-grade steel head, with punched and drawn eye. Blades polished. Extra select second growth straight grained straight ash handle, polished and lacquered. Length blade 11 inches, width 3 1/2 inches.

No.	Each	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KSQ3 1/2	\$1.29	5	32

Repair handle No. AB SSQ5 series.

One-half dozen in a bundle. Each handle in a separate envelope. Heads wrapped in paper.

GARDEN MATTOCK HOES



DIG EZY PATTERN

Here is a sturdy tool, correctly designed to cut roots and work in the hardest soil—so well balanced it does not seem heavy to handle.

One-piece high grade forged steel tempered blades, half polished, balance painted red. Oval eye. Hardwood handle. Width bottom blade 3 inches, top cutter 1 3/8 inches. Diameter eye 1 1/2 inches. Length head over all 13 inches.

No.	Each	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KHM	\$1.19	4 1/2	32

One dozen or one-half dozen in a bundle. Heads and handles wrapped in paper.

GARDEN MATTOCK HOE HEADS

For No. AB KHM Mattock Hoes

One-piece high grade forged steel tempered blades, half polished, balance painted red. Oval eye, diameter 1 1/2 inches. Width bottom blade 3 inches, top cutter 1 3/8 inches. Length of head, over all, 14 inches.

AB KMHH—Weight per dozen 18 lbs.....Each \$0.50

Packing—bulk.

GARDEN MATTOCK HOE HANDLES

For No. AB KMHH Mattock Hoe Heads

Hardwood handle, length 4 1/2 feet.

AB KH—Weight per dozen 14 lbs.....Each \$0.69

One dozen in a bundle.

GARDEN MATTOCK HOES



Unusually sturdy and extra heavy for heavy duty work in cutting roots and digging in tough places.

One-piece hard, fine grain, hammer forged steel. Oval eye. Painted black and orange, with polished cutting edges. Blades 6 inches long, 1 1/2 inches and 3 inches wide respectively. High grade northern white ash handle, smoothly finished and polished.

No.	Each	Length Handle, Feet	Wt. Per Doz., Lbs.
AB KDBM	\$1.19	4 1/2	50

Repair handle No. AB KH series.

Heads two dozen in a case.
Handles one 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.

GARDEN MATTOCKS

KEEN KUTTER

Use this handy tool around the home, garden, farm or orchard for all digging and cultivating except heavy grubbing. Light and easily handled. Ground cutting edges slip easily into the soil and between the small plants.



Highest quality throughout. One-piece fine grain hard steel, hammer forged and heat-treated. Oval eye. Painted blue. Polished edges. Ivory lacquered hardwood handle. Blade width 3 inches, cutter blade width 3½ inches. Length head, over all, 13½ inches. Weight head 3 lbs.

No.	Each	Length Handle, Feet	Wt. Per Doz., Lbs.
AB KGM	\$1.29	3	56

Repair handle No. AB KH series.

Heads two dozen in a case. Handles crated separately.

KLICKER

This handy tool has many uses around the home, garden, farm and orchard for digging and cultivating work (except heavy grubbing).



CUTTER PATTERN

Forged steel. Tempered blades, painted black with polished cutting edges. Oval eye. Hardwood handle 42 inches long. Width blade 3 inches, top cutter 2 inches. Length head 13¼ inches.

AB CMK2½—Complete. Weight per dozen
46 lbs. Each \$1.19

One dozen in a bundle.

AB CMK2½H—Garden Mattock Heads only.
Weight per dozen 30 lbs. Each .89

Packing—bulk.

AB MK42—Garden Mattock Handles only.
Weight per dozen 15½ lbs. Each .35

One dozen in a bundle.



PLANTERS' GENUINE SCOVIL IMPROVED

Forged from one-piece of steel,
half polished.

Nos.	Each	Width Cut, Ins.	Depth Blade, Ins.	Wt. per Dozen, Lbs.
AB 00	\$0.65	6½	5½	15
AB 0	.69	7	6	16½
AB 1	.75	7½	6½	18
AB 2	.79	8	6¾	21

Packing—bulk.

GERMAN PATTERN HOES

KEEN KUTTER

Sturdy hoes for extra heavy hoeing and digging.

Forged steel tempered half-polished blade, with drawn or punched steel eye and eye socket. Eye and upper part of blade blue lacquered finish. Handle selected straight grained ash, polished and lacquered.



GARDEN OR FIELD

Extra wide blade, 6 inches wide, 6 inches long.

No.	Each	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KGH6	\$1.09	4½	28

Repair handle No. AB SLPH series.



GRUB OR SPROUTING

Narrow blade makes this hoe especially fine for heavy grubbing and sprouting in new ground.

Blade 4½ inches wide, 7¾ inches deep.

No.	Each	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB KGS4½	\$1.19	4	34

Repair handle No. AB SLSH series.

One dozen in a crate.

EYE HOES

KEEN KUTTER



PLANTERS'

SCOVIL PATTERN

Blade and eye forged from one-piece of steel. Carefully tempered, half polished blade, upper part natural finish.

Nos.	Each	Width Cut, Ins.	Depth Blade, Ins.	Wt. per Dozen, Lbs.
AB KS00	\$0.69	6½	6¼	18
AB KS0	.75	7	6¼	20
AB KS1	.79	7½	6¾	23
AB KS2	.89	8	6¾	24

SPROUTING—SCOVIL PATTERN

Blade and eye forged from one-piece of steel. Carefully tempered, polished blade, with blue lacquered eye. Width cut 4½ inches. Depth blade 7¾ inches.

AB KS4½—Weight per dozen
19 lbs. Each \$0.85



Packing—bulk.

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

SIMMONS HOES

ECONOMICAL! DEPENDABLE!

Second only to **KEEN KUTTER** in quality and workmanship.

SIMMONS hoes are high quality and will stand up under hard and constant use.

Well shaped and properly hung for maximum ease in handling.

Choose the right hoe for your task and speed up your work.

GARDEN HOES



REGULAR FIELD AND GARDEN SOCKET PATTERN

These are the correct hoes for all-around general farm and garden use. Sturdily built, long lasting and economical.

Regular size. Polished blade and gold bronzed steel socket.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Per Doz., Lbs.	Wt. Per Doz., Lbs.
AB SG206	\$1.09	6	4 $\frac{3}{8}$	4 $\frac{1}{8}$	25	
AB SG206 $\frac{1}{2}$	1.09	6 $\frac{1}{2}$	4 $\frac{1}{2}$	4 $\frac{1}{8}$	27	
AB SG207	1.15	7	4 $\frac{1}{2}$	4 $\frac{1}{8}$	27	
AB SG207 $\frac{1}{2}$	1.19	7 $\frac{1}{2}$	4 $\frac{3}{4}$	4 $\frac{1}{8}$	28	
AB SG208	1.19	8	4 $\frac{3}{4}$	4 $\frac{1}{8}$	28	
AB SG20	1.19	Assorted 6 $\frac{1}{2}$ to 7 $\frac{1}{2}$ -----			4 $\frac{1}{8}$	27

Repair handle No. AB KSGH series.

SOUTHERN MEADOW HOES



TRINITY SOCKET PATTERN Shallow Blade

Ideal hoes for chopping cotton and general hoeing in black loamy soil. Light and strong with shallow polished blades which retain their sharp cutting edges.

Polished blade, gold bronzed socket. Shank $\frac{1}{8}$ -inch diameter.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Per Doz., Lbs.	Wt. Per Doz., Lbs.
AB ST207	\$0.89	7	4	5	32	
AB ST208	.95	8	4	5	32	
AB ST209	.98	9	4	5	33	

Repair handle No. AB KSGH series.

SUGAR BEET HOES



SOCKET PATTERN

A fine hoe for cultivating flower beds. The short handle is very convenient for weeding and thinning beets and

other vegetables. Angular blade slips easily between delicate growing plants.

Polished angular top blade. Gold bronzed steel socket.

No.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, In.	Per Doz., Lbs.	Wt. Per Doz., Lbs.
AB SNO712	\$0.85	7	3 $\frac{1}{2}$	12	14	

One dozen or one-half dozen in a bundle.

Heads and handles wrapped in paper.

* 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.

STRAWBERRY HOES



SOCKET PATTERN

Popular, economical hoe for cultivating beets, turnips, strawberries and similar small bushy plants. Light but strong. Preferred by nurserymen for cultivation of delicate plants. The angular blade slips easily under and between growing plants.

Polished angular top blade. Gold bronzed steel socket.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Per Doz., Lbs.	Wt. Per Doz., Lbs.
* AB SNO6	\$1.09	6	3 $\frac{1}{2}$	4 $\frac{1}{8}$	25	
* AB SNO6 $\frac{1}{2}$	1.09	6 $\frac{1}{2}$	3 $\frac{1}{2}$	4 $\frac{1}{8}$	26	
AB SNO7	1.15	7	3 $\frac{1}{2}$	4 $\frac{1}{8}$	26	
AB SNO7 $\frac{1}{2}$	1.19	7 $\frac{1}{2}$	3 $\frac{1}{2}$	4 $\frac{1}{8}$	27	
AB SNO8	1.25	8	3 $\frac{1}{2}$	4 $\frac{1}{8}$	27	

Repair handle No. AB KSGH series.

WEEDING HOES



Two Prongs

Excellent tool for keeping down weeds about the garden and flower beds. Sharp prongs make it an effective cultivator-type hoe.

Polished blade. Gold bronzed ferrule.

No.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Per Doz., Lbs.	Wt. Per Doz., Lbs.
AB S102	\$0.85	3 $\frac{1}{2}$	9	4 $\frac{1}{8}$	24	

Repair handle No. AB SGH series.

SCUFFLE HOES



SHANK PATTERN

A very practical tool—ideal for cutting weeds, edging lawns, flower beds. Also for chopping and cleaning ice and mud from walks, and scraping stable and chicken house floors.

Polished blade. Gold bronzed ferrule and shank. Handle selected straight ash, polished and lacquered. Width blade 7 inches, depth 4 $\frac{1}{2}$ inches.

No.	Each	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB S75	\$1.09	5	31

One dozen or one-half dozen in a bundle. Heads and handles wrapped in paper.

Klicker HOES

The Best Possible Values for These Low Prices

You can be sure of serviceable tools when you select KLiCKER hoes. Designed and built to give you better service than ordinary tools and priced low enough to make them economy buys.

• **Blades**—Good quality forged steel, correctly tempered.

• **Handles**—Good grade ash, lacquered and attractively labeled.

• **Sockets and necks**—High grade steel.

• **Shanks, Ferrules and Caps**—Durable steel. Shanks forged steel for longer wear, riveted on.

GARDEN HOES

For general use about the yard, garden and farm. Light but sturdy for good service.



REGULAR FIELD AND GARDEN SOCKET PATTERN

Regular size. Polished blade. Silver bronzed steel socket.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 206 1/2 GK	\$0.98	6 1/2	4 1/2	4 1/2	27
AB 207 GK	.98	7	4 1/2	4 1/2	28
AB 207 1/2 GK	1.09	7 1/2	4 3/4	4 1/2	29
AB 206 K	-----	(assorted) 6 1/2 to 7 1/2	4 1/2	4 1/2	28

Repair handle No. AB KSGH series.



HUMMER FIELD AND GARDEN SOCKET PATTERN

One wheel polished blade. Silver bronzed steel socket. Shank 7/8-inch in diameter.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 06 HK	\$0.69	6	4 3/8	4 1/2	26
AB 06 1/2 HK	.75	6 1/2	4 1/2	4 1/2	27
AB 07 HK	.79	7	4 1/2	4 1/2	27
AB 07 1/2 HK	.79	7 1/2	4 3/4	4 1/2	28
AB 08 HK	.89	8	4 3/4	4 1/2	27

Repair handle No. AB KSGH series.



REGULAR FIELD AND GARDEN SHANK PATTERN—REGULAR SIZE

Polished blade. Silver bronzed ferrule and shank.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 7 GK	\$0.85	7	4 1/2	4 1/2	26
AB 10 GK	.89	(assorted) 6 1/2 to 7 1/2	-----	4 1/2	27

Repair handle Nos. AY PGH, AB GHK, AB SGH series.
One dozen in a bundle.

GARDEN HOES

For general use about the yard, garden and farm. Light in weight, balanced—just right for easy work. Slips easily under and around plants.



GOOSE NECK—SHANK PATTERN

Bright cold rolled sheet steel blades, riveted to malleable iron shank. Silver bronzed ferrule and shank. Shank 7/8-inch in diameter.

No.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AY 7RSSK	\$0.49	7	4 1/2	4	27

Repair handle No. AY PHK series.

One dozen in a bundle.

PLANTERS' HOES



GOOSE NECK—SHANK PATTERN

A very practical hoe for general work about the farm and garden.

Polished blade. Silver bronzed ferrule and shank. Shank about 5/8-inch in diameter.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 105 PK	\$0.69	5	5 1/4	4 1/2	36
AB 106 PK	.75	6	5 1/4	4 1/2	37

Repair handle No. AY PHK series.

One dozen in a bundle.

NURSERYMEN'S HOES



BEET, NURSERYMEN'S OR STRAWBERRY SOCKET PATTERN

A favorite with nurserymen and gardeners. Fine for thinning and weeding beets, turnips, strawberries. Angular blade slips easily around and under delicate growing plants.

Polished angular top blade. Silver bronzed steel socket.

Nos.	Each	Width Cut, In.	Depth Blade, In.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 07 NK	\$0.95	7	3 1/2	4 1/2	25
AB 07 1/2 NK	.98	7 1/2	3 1/2	4 1/2	26
AB 08 NK	1.09	8	3 1/2	4 1/2	27

Repair handle No. AB KSGH series.

One 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.

KLICKEr HOES

The Best Possible Values for These Low Prices

You can be sure of serviceable tools when you select **KLICKEr** hoes. Designed and built to give you better service than ordinary tools and priced low enough to make them economy buys.

- **Blades**—good quality forged steel, correctly tempered.

- **Handles**—good grade ash, lacquered and attractively labeled.
- **Sockets and Necks**—high-grade steel.
- **Shanks, Ferrules and Caps**—durable steel. Shanks forged steel for longer wear, riveted on.

COTTON HOES

Here is a popular priced, well designed cotton hoe made to give real service.



HEAVY COTTON GOOSE-NECK SHANK PATTERN

Polished blade. Silver bronzed steel ferrule and shank. Shanks about $\frac{1}{2}$ -inch in diameter.

Nos.	Each	Width Cut, Ins.	Depth Blade, Ins.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 106K $\frac{1}{2}$	\$0.65	6	5 $\frac{1}{4}$	4 $\frac{1}{2}$	33
AB 106 $\frac{1}{2}$ K $\frac{1}{2}$	.69	6 $\frac{1}{2}$	5 $\frac{1}{4}$	4 $\frac{1}{2}$	33
AB 106K	.75	6	5 $\frac{1}{4}$	5	35
AB 106 $\frac{1}{2}$ K	.75	6 $\frac{1}{2}$	5 $\frac{1}{4}$	5	35
AB 107K	.79	7	5 $\frac{1}{2}$	5	36
AB 107 $\frac{1}{2}$ K	.85	7 $\frac{1}{2}$	5 $\frac{1}{2}$	5	37

Repair handle No. AY PHK series.



LIGHT COTTON GOOSE-NECK SHANK PATTERN

Polished blade. Silver bronzed steel ferrule and shank. Shanks about $\frac{7}{16}$ -inch in diameter.

Nos.	Each	Width Cut, Ins.	Depth Blade, Ins.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 64 $\frac{1}{2}$ K	\$0.65	6	4 $\frac{5}{8}$	4 $\frac{1}{2}$	27
AB 65K	.69	6	4 $\frac{5}{8}$	5	28
AB 6 $\frac{1}{2}$ 5K	.69	6 $\frac{1}{2}$	4 $\frac{5}{8}$	5	29
AB 75K	.75	7	4 $\frac{3}{4}$	5	29

Repair handle No. AB GHK series.



COTTON CHOPPER STRAIGHT SHANK PATTERN

Polished blade. Silver bronzed steel ferrule and shank.

Nos.	Each	Width Cut, Ins.	Depth Blade, Ins.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 85CK	\$0.75	8	4	5	37
AB 95CK	.79	9	4	5	38

Repair handle No. AY 5LCHK series.

One dozen in a bundle.

COTTON HOES

Here is a popular priced, well designed hoe made to give real service.



RED RIVER PATTERN STRAIGHT SHANK PATTERN

Polished blade. Silver bronzed steel ferrule and shank. Shank about $\frac{1}{2}$ -inch in diameter.

Nos.	Each	Width Cut, Ins.	Depth Blade, Ins.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 75SK	\$0.75	7	5 $\frac{1}{4}$	5	36
AB 7 $\frac{1}{2}$ 5SK	.75	7 $\frac{1}{2}$	5 $\frac{1}{4}$	5	36

Repair handle No. AY 5LCSK series.

SOUTHERN MEADOW HOES

Light and strong with good cutting edges for use in blacklands or for chopping cotton and general hoeing. Forged steel tempered blades. Sockets and ferrules riveted.



SOCKET PATTERN

Polished blade, silver bronzed steel socket.

Nos.	Each	Width Cut, Ins.	Depth Blade, Ins.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 207TK	\$0.79	7	4	5	32
AB 208TK	.85	8	4	5	32
AB 209TK	.85	9	4	5	33
AB 210TK	.89	10	4	5	34

Repair handle No. AY 5LCSK series.



SHANK PATTERN

Polished blade. Silver bronzed steel ferrule and shank. Shank about $\frac{7}{16}$ -inch in diameter.

Nos.	Each	Width Cut, Ins.	Depth Blade, Ins.	Length Handle, Ft.	Wt. Per Doz., Lbs.
AB 107TK	\$0.69	7	4	5	29
AB 108TK	.75	8	4	5	31
AB 109TK	.79	9	4	5	31

Repair handle No. AY 5LCHK series.

One 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.

GARDEN RAKES

Beautify your lawn and garden with these useful garden tools.
They are sturdily built of good quality materials for long service.

WIDE BOW PATTERN



KEEN CUTTER

America's finest—first quality. Specially designed for easy handling in yard and garden work!

Highest grade one-piece forged steel head and bow. Curved teeth 3 inches long. Black lacquered tubular steel ferrule riveted to handle. Gold bronzed head, bow and cap. Select straight ash handle, 5 feet long, polished and lacquered.

Nos.	Each	No. Teeth	Length Head, In.	Wt. per Dozen, Lbs.
AB KSB14	\$1.45	14	14	37
AB KSB16	1.50	16	16	39

Repair handle Nos. AB KR, AB SR, AB GRK, AB PR series.



SIMMONS

Economical, dependable rakes for good service around lawn or garden.

One-piece gray forged steel head. Curved teeth 3 inches long. Gold bronzed bow and cap, steel ferrule, red enameled. Riveted shank. Select ash handle, 5 feet long, polished and lacquered.

Nos.	Each	No. Teeth	Length Head, In.	Wt. per Dozen, Lbs.
AB SSB12	\$1.00	12	12	30
AB SSB14	1.10	14	14	32
AB SSB16	1.25	16	16	34

Repair handle Nos. AB SR, AB KR, AB GRK, AB PR series.



KLICKER

Use this sturdy low priced rake to beautify your lawn and garden.

Forged steel head and bow, black enameled. Curved teeth 3 inches long. Silver bronze steel ferrule and cap. Shank riveted to handle. Good quality ash handle, 5 feet long, polished and lacquered.

Nos.	Each	No. Teeth	Length Head, In.	Wt. per Dozen, Lbs.
AY 14BK	\$0.89	14	14	34
AY 16BK	.98	16	16	36

Repair handle Nos. AB GRK, AB PR, AB SR, AB KR series.

One dozen or one-half dozen in a bundle.

Each handle in a separate envelope.

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

LEVEL HEAD—STRAIGHT TEETH

SIMMONS



A sturdy inexpensive rake for general light work about the yard and garden.

Forged steel head, painted red, 14 straight teeth 3 inches long. Gold bronzed ferrule riveted to handle. Select ash handle 5½ feet long, polished and lacquered.

Length Head 14¾ Inches.

AB S9014—Weight per dozen 38 lbs. Each \$0.89

Repair handle Nos. AB KR, AB SR, AB GRK, AB PR series.

One dozen or one half-dozen in a bundle.
Each handle in a separate envelope.

KLICKER



This sturdy rake is priced exceptionally low to give you excellent value! Handy for general light raking around the garden and farm yard.

Forged steel head, painted black, 14 teeth 2½ inches long. Silver bronzed ferrule riveted to handle. Good grade ash handle, 5 feet long, polished and lacquered.

Length Head 14 Inches.

AB 14LK—Weight per dozen 30 lbs. Each \$0.65

Repair handle Nos. AB GRK, AB PR, AB SR, AB KR series.

COMET



A useful rake for lawn or garden. Very strong and durable, yet very low priced!

A useful rake for lawn or garden. Very strong and durable, yet very low priced!

Ribbed steel head with 12 straight teeth 2½ inches long. Black finish. Malleable iron socket riveted to head. Select straight ash handle, 5 feet long.

Nos.	Each	No. Teeth	Length Head, In.	Wt. per Dozen, Lbs.
AB CR12	\$0.49	12	12	25
AB CR14	.55	14	14	27

Repair handle Nos. AY 5LCSK, AB SLCS-5 series.

PREMIUM STEEL—BRACED



This sturdy rake will give good service about the yard and garden. It is light but strong.

Premium steel head and braced shank with 14 straight teeth 2½ inches long. Head and teeth painted black. Silver bronzed steel ferrule riveted to handle. Good quality hardwood handle, 5 feet long, polished and lacquered.

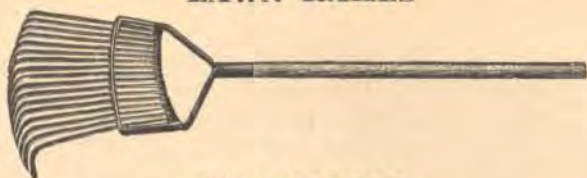
Length Head 14 Inches.

AB 14MBK—Weight per dozen 30 lbs. Each \$0.69

Repair handle Nos. AB GRK, AB PR, AB SR, AB KR series.

One dozen in a bundle.

LAWN RAKES



THE LAWNCOMB

Light, strong, flexible, unequalled for cleaning leaves, grass, twigs, and similar refuse from lawns, paths, or driveways.

Never digs in or injures tender growing grass. Cleans quickly and thoroughly around shrubbery, plants, vines and in flower beds. It is extremely light in weight and requires so little effort when using that one's arms and back never become tired and aching.

Head constructed entirely of heavy steel, with full rounded corners to insure against breaking. Curved center bar, flat steel crossbar clamps around frame, flat spring steel tines, with convex shaped rounded tips that extend through crossbars, fitted with double lacquered wood handle, bolted to head.

Nos.	Green Enameled Head		Length		Wt.
	Each	No. Teeth	Width, In.	Handle, Dozen, In.	
AB LCR18	\$1.19	24	18	52	22
AB LCR24	1.59	24	24	60	32

Heads one-half dozen in a carton.
Handles one-half dozen in a bundle.

BAMBOO LAWN RAKES



Fan Shape—33 Teeth

Amazingly light but sturdily constructed for rapid raking of leaves, paper and cut grass.

Head consists of 33 bamboo strips, spread fan shape and reinforced with wire and rattan. End of strips bent to form teeth. Head securely bolted and clamped to 53-inch bamboo handle.

Length Over All 65 Inches

AB 33—Weight per dozen 12 lbs.....Each \$0.19

Packing—bulk.

LAWN BROOM RAKES



16 Tines 7½ Inches Long

For cleaning lawns and gardens. Works fast and easy. Handy for cleaning poultry houses and barns. Well made and practically indestructible.

High-grade 13-gauge oil tempered spring steel tines passing through two heavy curved sheet steel braces. Natural finish hardwood handle, 4 feet long. Angle steel brace.

Size Head 15½x14¾ Inches

AB 1BC—Weight per dozen 24 lbs.....Each \$0.49

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.

BRUME RAKES

Used like a broom. Keeps lawns, gravel paths, garden plots spick and span. Light but strong and extremely durable.

KEEN CUTTER



22 Teeth 14 Inches Long

Spring steel teeth braced 8 inches from working points. Each tooth twisted before entering handle socket. Socket riveted to handle. Select ash handle polished and lacquered. 3½ feet long.

Extreme Width 19 Inches

AB KBR22—Weight per dozen 18 lbs.....Each \$0.98



KLICKEE

22 Flat Teeth

Steel head with flexible spring flat steel teeth 6½ inches long securely fastened. Finished in green enamel. Good grade ash handle, length 4½ feet.

Extreme Width 18 Inches

AB 226½K—Weight per dozen 19 lbs.....Each \$0.69



24 Round Teeth

Round spring steel wire teeth 9 inches long firmly fastened in a steel head. Finished in green enamel. Good grade ash handle, length 4 feet.

Extreme Width 17½ Inches

AB 249K—Weight per dozen 21 lbs.....Each \$0.49

AMERICAN-JUNIOR



SPECIAL LIGHT WEIGHT PATTERN

22 Teeth 6½ Inches Long

The head is built on a long radius, slightly concaved, so that all teeth are in contact with the ground when in use. Flat spring steel teeth fastened to U-shaped brace. Steel riveted socket. Smooth finished ash handle, 4 feet long.

Extreme Width 18½ Inches

AB 22X—Weight per dozen 22 lbs.....Each \$0.79

Repair handle Nos. AB SGH, AY PGH series.

Heads one dozen in a carton. Handles one dozen in a bundle.

PARK RAKES

KEEN KUTTER Reversible



36 Straight Teeth—18 Loop Teeth

Tubular steel head 15-gauge.
Steel spring wire teeth 9-gauge.
Bent loop teeth 2½ inches long

on one side. Straight single teeth 2½ inches long on other side. Stamped steel tinned socket, riveted to handle. Select straight ash handle polished and lacquered, 5 feet long.

Length Head 30 Inches.

AB K36—Weight per dozen 48 lbs. Each \$1.95

Repair handle No. AY 5LCSK series.

LAWN RAKES

Special designs for effective use on large or small lawns.
Sturdily built for long service



KEEN KUTTER Reversible

22 Straight Teeth—12 Loop Teeth

One rounded steel plate on each end
prevents digging into ground and
gives double strength to the teeth.

Tubular steel head 15 gauge. Steel spring wire teeth 9 gauge. Bent loop lawn teeth 2½ inches long on one side. Single teeth 2½ inches long on other side with one solid rounded steel plate securely fitted over each end of rake head and fastened into each end tooth. Shanks securely bolted to head. Select straight ash handle, polished and lacquered, 5 feet long.

Length Head 20½ Inches.

AB K24—Weight per dozen 40 lbs. Each \$1.35



SIMMONS Reversible

24 Straight Teeth—12 Loop Teeth Economical! Dependable!

Channel steel head 20-gauge. Steel
spring wire teeth 9-gauge. Bent
loop lawn teeth 2½ inches long on

one side, single teeth 2½ inches long on other side. Tinned pressed steel socket riveted to handle with shanks riveted to head. Five-foot straight ash handle, polished and lacquered.

Length Head 20¼ Inches.

AB S24—Weight per dozen 35 lbs. Each \$0.98

Repair handle Nos. AY 5LCS5, AY 5LCSK series.

One dozen or one-half dozen in a bundle.

Each handle in a separate envelope.

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

LAWN RAKES

Special designs effective for use on large or small lawns.
Built sturdily for good service.



OLE OLSEN

26 Teeth—Curved Head

Hardwood head, oil finished, with wood teeth 4 inches long, fastened in by patent clinching process, which holds them absolutely tight. Gold bronzed ferrule and malleable braces. Smooth straight ash handle, 5 feet long.

Length Head 23 Inches

AB OLC—Weight per dozen 30 lbs. Each \$1.10

Repair handle Nos. AB KR, AB SR, AB GRK,
AB PR series.

Heads one dozen in a crate. Handles one dozen
in a bundle.



PREMIUM

20 Teeth—Straight Head

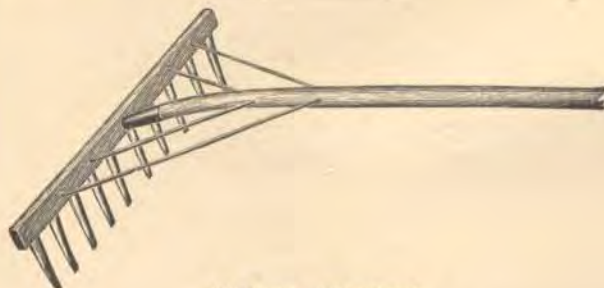
Here is a light, extra long handled rake just right for leaves, grass and other light refuse. Plain finish hardwood head with wood teeth 4½ inches long. Smooth finish bent ash handle, 6 feet long. Handle mortised into wooden head and supported by three 10-gauge wire braces.

Length Head 27 Inches

AB P—Weight per dozen 26 lbs. Each \$0.69

One dozen in a bundle.

HAY RAKES



10 Teeth—Standard

Light weight wooden tools ideal for raking hay, weeds and grass on lawns and small grass plots where wheel rakes are impractical.

Plain finish hardwood head with wood teeth 4¼ inches long. Smooth bent handle mortised into head and supported by two 10-gauge wire braces. Handle 6 feet long.

Length Head 27 Inches

AB 2—Weight per dozen 26 lbs. Each \$0.59

One dozen in a bundle.

TAR OR ASPHALT RAKES



KEEN KUTTER

For best results in spreading and smoothing hot asphalt before rolling. Extraordinarily strong and durable. Long, straight steel shank prevents burning of handle.

Forged steel head and square, straight shank. Shank 16 inches long. Steel strap ferrule. Head and ferrule painted black. Shank gold bronzed. Straight teeth 3½ inches long. Extra select straight ash handle 5 feet long, polished and lacquered.

Length Head 16 Inches

AB K914—Weight per dozen 60 lbs.....Each \$2.85

One-half dozen in a bundle. Handles wrapped in paper.

COAL OR ROAD RAKES

These heavy duty rakes are designed and built for road work and similar operations which require handling of coarse gravel, crushed stone, coal and other heavy materials. They will stand up under the strain and will save time, labor and money. More economical in the long run than the ordinary cheaper rakes.



KEEN KUTTER

16 Straight Teeth

Highest grade forged steel head and straight shank, natural finish. Black lacquered steel ferrule teeth 3½ inches long. Extra select straight ash handle 5 feet long, polished and lacquered.

Length Head 18 Inches

AB K95/16—Weight per dozen 54 lbs.....Each \$1.95

One-half dozen in a bundle. Each handle in a separate envelope.



SIMMONS

14 Straight Teeth

High grade forged steel head and straight shank, natural finish. Gold bronzed steel ferrule. Teeth 3½ inches long. Straight ash handle 5½ feet long, polished and lacquered.

Length Head 15½ Inches

AB SRR14—Weight per dozen 50 lbs.....Each \$1.45

Repair handle No. AB SLCH series.

One-half dozen in a bundle. Handles wrapped in paper.

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

DANDELION RAKES

For raking or cleaning lawns and yards. Saw teeth will exterminate dandelions by cutting off the blossoms before seed can mature but will not tear the grass roots.



KEEN KUTTER

26 Saw Teeth

One-piece heavy stamped steel head and shank. Painted green, bolted to handle. Selected straight ash handle 5½ feet long, polished and lacquered.

Length Head 15½ Inches

AB KLDR—Weight per dozen 35 lbs.....Each \$1.10



SIMMONS

26 Saw Teeth

Heavy steel head with forged shank, riveted. Steel ferrule. Painted red. Select ash handle 5 feet long, polished and lacquered.

Length Head 15½ Inches

AB SDR—Weight per dozen 30 lbs.....Each \$0.89

Repair handle Nos. AB SLCS5, AY 5LCSK series.
One dozen in a bundle.

GARDEN TOOL HOLDERS



KEEN KUTTER

FOR GARAGE, SHED OR BARN

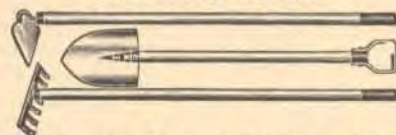
Every home owner or farmer needs one or more of these tool holders as a convenient and safe place to store garden tools. Easily attached to walls or studding of any building.

Braced steel plates with four screw holes, finished in aluminum and green. Length 48 inches. Width 6 inches. Eighteen steel rod tool hooks attached with locking nuts. Complete with wood screws and instructions for assembling.

AB KGTH—Weight per dozen 35 lbs.....Each \$0.39

One-half dozen in a carton.

GARDEN SETS



Wrought steel heads. Natural finish wood handles with red enameled ends.

Set consists of three pieces:

Shovel—Blade 5¼x4¼ inches. Steel D handle. Length over all 21¼ inches.

Hoe—Blade 3¾x2¼ inches. Length over all 22 inches.

Rake—Width head 4½ inches—Six 1½-inch teeth. Length over all 20 inches.

AY 225—Weight per dozen sets 15 lbs.....Per Set \$0.23

One dozen sets in a carton.

KEEN KUTTER GARDEN TOOLS

Heads forged from high-grade steel. Gold bronzed steel shanks, black lacquered steel ferrules. Handles select straight ash, polished and lacquered.

GARDEN SETS



Light, efficient tools. Particularly adapted to work in flower gardens. Also for use by women and children.

Heads forged from high-grade steel. Gold bronzed shanks. Black lacquered steel ferrules. Handles extra select straight ash polished and lacquered.

Set consists of four pieces:

One No. AB KY4 Hoe.

One No. AB K7 Shovel.

One No. AB KR6 Rake.

One No. AB KDF4 Spading Fork.

AB K4—Weight per dozen sets 78 lbs.....Per Set \$3.25

One-quarter dozen sets in a bundle, heads burlapped.

GARDEN SPADING FORK



Handy tool for spading and digging.

Four flat diamond back tumbled finish tines 6½ inches long with polished face. Extreme spread 6 inches—extra strong and will not bend under pressure. Handle has steel D, with comfortable wood grip. Length over all 36½ inches.

AB KDF4—Weight per dozen 25 lbs.....Each \$0.95

GARDEN SHOVEL



Polished round point blade—width 4½ inches, length 7½ inches. Handle has steel D with comfortable wood grip for greater ease in handling. Length over all 38 inches.

AB K7—Weight per dozen 25 lbs.....Each \$0.95

GARDEN RAKE



Head 6 inches wide—just right for working in the flower beds and among small plants. Six unpolished teeth 2½ inches long. Length handle 48 inches.

AB KR6—Weight per dozen 15 lbs.....Each \$0.65

GARDEN HOE



Polished blade slips easily into the soil—easily cleaned. Width cut 4 inches. Depth blade 3½ inches. Length handle 48 inches.

AB KY4—Weight per dozen 20 lbs.....Each \$0.85

One dozen in a bundle. Heads burlapped. Handles wrapped in paper.

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

GARDEN SETS



SIMMONS

Economical! Dependable!

For work in flower gardens. Also for use by women and children.

Heads forged from high-grade steel. Gold bronzed shanks and ferrules. Polished straight white ash handles.

Set consists of three pieces:

Shovel—Width blade 4½ inches, length 7½ inches. Steel D handle with comfortable wood grip. Length over all 38 inches.

Hoe—Width cut 4 inches, depth 3½ inches. Length handle 48 inches.

Rake—Width head 4½ inches—six 3-inch teeth. Length handle 48 inches.

AB S3—Weight per dozen sets 56 lbs.....Per Set \$1.75

Three sets in a bundle, heads burlapped.



These handy sets for general garden use are attractively designed and finished in bright colors.

Cold rolled steel heads and hardwood handles.

Set consists of 3 pieces:

Shovel—One-piece blade and socket, orange finish. Blade 7x5 inches. Blue handle, length 24 inches with orange finish steel D and wood grip.

Hoe—Steel blade 5x3 inches welded to shank. Red finish. Yellow handle, length 32 inches.

Rake—One-piece blade and socket. Head 8x8½ inches with 8 ribbed teeth. Green finish. Red handle, length 32 inches.

AB C275—Weight per dozen sets 34

lbs.Complete Set \$0.75

One dozen sets in a carton.



LITTLE GIANT—JUNIOR

Heavy wrought steel heads. Natural finish wood handles, with red enameled ends.

Set consists of three pieces:

Shovel—Blade 6¼x4½ inches with steel socket. Steel D handle with comfortable wood grip. Length over all 26½ inches.

Hoe—Blade 4½x3 inches. Length over all 28 inches.

Rake—Width head 6¼ inches—eight 2-inch teeth. Length over all 28 inches.

AB 250—Weight per dozen sets 27 lbs.....Per Set \$0.49

One dozen sets in a carton.

SPECIAL GARDEN CLUB TOOLS

WITH COLORED HANDLES

New inspiration for discriminating gardeners. A selection of popular garden tools, carefully made, beautifully finished and attractively priced!

Handles—High-grade ash in choice of three pleasing colors: Golden Rod, Terra Cotta or Lavender with Garden Club 6-color foil label.

Metal Parts—Gold bronze finish or full polished, as specified.

SPADING FORK

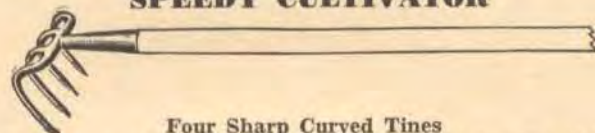


Four Diamond Back Tines
Tubular Ferrule

The right weight and balance for easy efficient work in light garden soil in flower beds and around shrubbery. Forged steel tines bronzed and polished, length 10 inches. Tubular steel ferrule, bronzed. D-top handle, length 30 inches.

AB GCSF—Weight per dozen 25 lbs.....Each \$1.00

SPEEDY CULTIVATOR



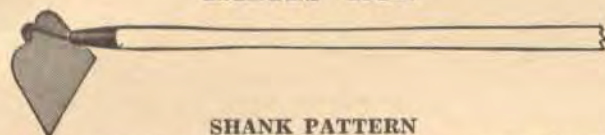
Four Sharp Curved Tines

The sharp pointed curved tines are hung at just the right angle to easily penetrate and rapidly loosen with a simple pulling motion. A fast working tool for preparing the ground for seeding and for cultivating after planting is done.

Forged steel head and tines. Plain ferrule. Gold bronzed head and ferrule. Tines 5 inches long. Space between tines 1½ inches. Length handle 4½ feet.

AB GCSC—Weight per dozen 22 lbs.....Each \$1.25

LADIES' HOE

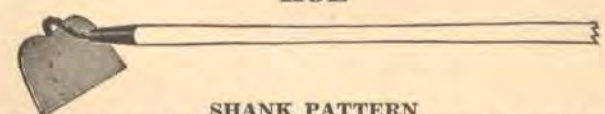


SHANK PATTERN

A light-weight hoe designed especially for small cultivating tasks about the yard and garden. Blade high-grade forged steel, polished. Goose-neck shank and plain ferrule. Gold bronzed. Width blade 5 inches. Length handle 4 feet.

AB GCH5—Weight per dozen 20 lbs.....Each \$1.00

HOE

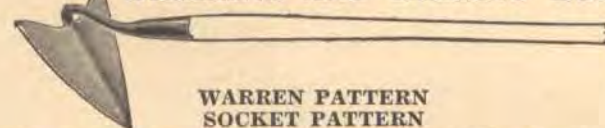


SHANK PATTERN

A general purpose garden hoe; a light, easy, fast worker! High-grade forged steel blade, oil tempered and polished. Goose-neck type. Gold bronzed ferrule. Width blade 6½ inches. Length handle 4½ feet.

AB GCH6½—Weight per dozen 27 lbs.....Each \$1.00

DRILLING AND HILLING HOE



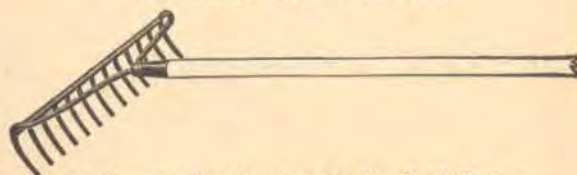
WARREN PATTERN
SOCKET PATTERN

For all-purpose use in drilling seed, covering furrows, hilling, cultivating, and weeding, this hoe is unexcelled. Curved cutting edges for hoeing, hilling and cultivating. Sharp point and ears for weeding.

Forged steel head. Polished blade measures 7 inches along sides. Gold bronzed socket. Handle length 4½ feet.

AB GCW7—Weight per dozen 27 lbs.....Each \$1.25

ROUND BOW RAKE



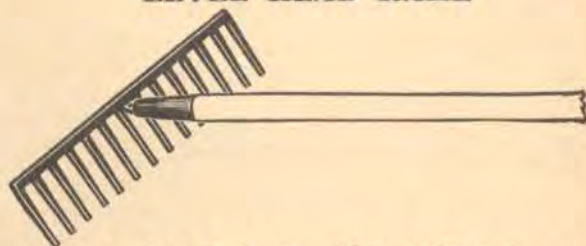
14 Curved Teeth—Length Head 14 Inches

These rakes last—no bending, wobbling or dropped off heads. Do a dependable raking job anywhere.

Forged from one solid piece of steel with convenient curved teeth. Plain ferrule. Gold bronzed head and ferrule. Teeth 3¼ inches long. Length handle 5 feet.

AB GCB14—Weight per dozen 34 lbs.....Each \$1.10

LEVEL HEAD RAKE



14 Straight Teeth—Length Head 14¼ Inches

The sturdy dependable rake for garden, lawn, or yard. Forged from one solid piece of steel. Plain ferrule. Gold bronzed head and ferrule. Teeth 3¼ inches. Length handle 5 feet.

AB GC14—Weight per dozen 34 lbs.....Each \$1.00

BRUME RAKE



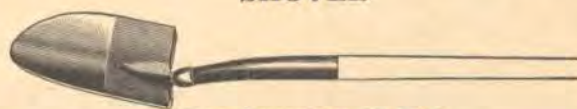
22 Flexible Spring Teeth

Used like a broom for sweeping lawns, gravel paths and garden plots. Light weight, strong, durable.

The flexible flat spring teeth are shaped and twisted for additional strength. An easy sweeping motion picks up the smallest leaves but does not tear the grass roots. Gold bronzed head and teeth. Width 19 inches. Teeth 12 inches long. Length handle 3½ feet.

AB GCBR22—Weight per dozen 18 lbs.....Each \$1.10

SHOVEL



OVAL POINTED BLADE

Just the tool for garden shoveling and spading tasks. Blade forged from high-grade steel, and oval pointed for easy working in the soil. Polished and bronzed blade 8 inches deep, 5¼ inches wide. Bronzed ferrule. Length handle 4½ feet.

AB GCS—Weight per dozen 25 lbs.....Each \$1.10

Three assorted handle colors packed two of each color in one-half dozen bundle.

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

GARDEN TOOLS

These tools are a big step toward a successful garden.
Their high quality assures long life and satisfactory service.

GARDEN TROWELS

KEEN KUTTER

The highest quality trowel that money can buy. The brand preferred by gardeners everywhere.

High-grade forged steel blade neck and socket. Dished blade with pointed end—length 6 inches, width at top 3 3/4 inches. Solid ground neck will stand great strain. Both blade and neck are highly polished—slip smoothly and easily into earth. The shellacked, hardwood handle 3 1/2 inches long, securely riveted into closed socket.

SOCKET PATTERN

Bent Neck

Conveniently raises earth without hand touching ground. Handy for planting and digging under small



plants. Length of neck and socket 4 1/2 inches.

AB K2—Weight per dozen 9 lbs. Each \$0.98

Straight Neck

For digging deep, straight holes. Length neck and socket 3 1/2 inches.



AB K3—Weight per dozen 8 1/2 lbs. Each \$0.98

One-half dozen in a carton.

SIMMONS

ENGLISH PATTERN

Economy "buy" in a well-made trowel.



One-piece, dished blade and slightly bent neck. Rounded and sharpened point, for easier digging... half of blade and neck black lacquered, other half polished. Length blade 6 inches; width at point 1 1/2 inches; width at shoulder 3 1/2 inches. Hand-turned, polished hardwood handle, length 8 inches. Length over all 14 1/2 inches.

AB S15—Weight per dozen 6 lbs. Each \$0.25

One dozen in a carton.

GARDEN WEEDERS

KEEN KUTTER

ADJUSTABLE THREE-PRONG

Handy for weeding between plants and small bushes.



High-grade square steel bent prongs, with forged blade at ends, malleable iron frame and socket. Prongs can be removed or adjusted by loosening bolts. Smooth belted and waxed ash handle.

Extreme spread 4 1/4 inches. Length head 5 1/4 inches, height 4 inches, length handle 8 inches. Length over all 14 inches.

AB KW—Weight per dozen 10 lbs. Each \$0.65

One-half dozen in a bundle.

New style implements for faster, easier garden cultivation.

All made of 18-gauge, low-carbon, rust-resisting steel of much higher quality than ordinarily used in garden tools. Large wood caps on the end of handles protect user's hands. Metal light green enameled finish, handle tips natural finish.

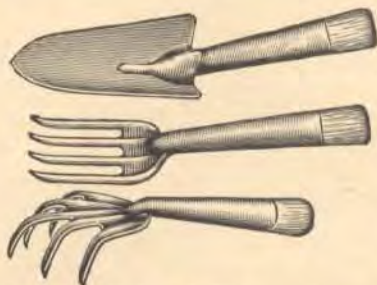
GARDEN TOOL SETS

Set Consists of:

1 garden trowel No. AB 11—11 1/4 inches long.

1 garden fork No. AB 60—11 inches long.

1 garden weeder No. AB 6—10 1/2 inches long.



AB 611—Set. Weight per dozen sets

16 lbs. Per Set \$0.25

One set in a carton. Two dozen sets in a case.

TRANSPLANTING TROWELS

A slender, narrow, pointed tool made just right to penetrate the soil easily



for planting or lifting out small plants.

One-piece blade and socket.

Length blade 5 1/4 inches, width at heel 2 1/4 inches, tapering to point. Length over all 11 1/4 inches.

AB 111—Weight per dozen 5 1/2 lbs. Each \$0.10

GARDEN FORKS

A handy home garden tool for loosening the soil around plants.



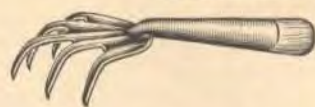
One-piece head and socket. Four prongs.

Size of head 3x4 1/2 inches. Length prongs 3 1/4 inches. Length over all 11 inches.

AB 60—Weight per dozen 5 1/2 lbs. Each \$0.10

GARDEN WEEDERS

The home gardener's handy helper for weeding and mulching around young bushes and plants in the garden or in window boxes.



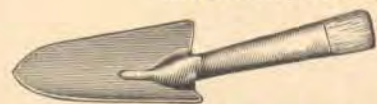
One-piece head and socket. Five sharp claws.

Size of head 3x4 1/2 inches. Length claws 1 1/2 inches. Length over all 10 1/2 inches.

AB 6—Weight per dozen 5 1/2 lbs. Each \$0.10

GARDEN TROWELS

A large, strong tool for hand spading and planting.



One-piece blade and socket.

Length blade 6 inches, width at heel 3 1/2 inches, tapering to point. Length over all 11 1/4 inches.

AB 11—Weight per dozen 6 lbs. Each \$0.10

One dozen in a carton.

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KEEN KUTTER SHOVELS AND SPADES

America's Finest

Design of these outstanding tools is one of extreme strength. They have the proper lift and balance. The successive forging operations improve the molecular structure of the high carbon steel which is **full heat treated**, resulting in the strongest type of shovel or spade known.

Quality—KEEN KUTTER is never satisfied with anything but the best. Each shovel or spade as it passes from one operation to the next in the forging process is subjected to the most rigid tests and inspection. Only those that pass every requirement are branded **KEEN KUTTER**.

Handles—these quality shovels and spades are fitted with select second growth straight grained ash handles, polished, waxed and labeled. The distinctive **KEEN KUTTER** trade mark is stamped on the socket. It is your assurance that you are getting the most for your money when you buy these tools.

Choose the types to suit your particular requirements and be assured that they will give you the maximum of service and efficiency.

DIRT SHOVELS

SOLID SHANK, FORGED SOCKET PATTERN

The strongest possible shovel construction. Blade, shank, and socket forged from a solid bar of steel. Nothing to break loose—it's all one piece. Offers greatest resistance to strain.

HIGH CARBON STEEL, FULL HEAT TREATED, FULL MIRROR POLISHED



**SQUARE POINT—LIGHT WEIGHT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Blade, Inches	Length Handle, Inches	Weight Doz., Lbs.
AB KDST2S	\$1.95	12½x9¾	26½	48

Repair Handle No. AB SSSSD Series



**SQUARE POINT—LIGHT WEIGHT
LONG HANDLE**

No.	Each	Blade, Inches	Length Handle, Inches	Weight Doz., Lbs.
AB KLST2S	\$1.95	12x9½	46½	48

Repair Handle Nos. AB SSSSL, AB LSSK Series



**SQUARE POINT—REGULAR WEIGHT
LONG HANDLE**

No.	Each	Blade, Inches	Length Handle, Inches	Weight Doz., Lbs.
AB KLSHT2	\$1.95	12x9¾	51	61

Repair Handle No. AB SSSSL Series

HIGH CARBON STEEL, FULL HEAT TREATED, VELVET FINISH



**SQUARE POINT—LIGHT WEIGHT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Blade, Inches	Length Handle, Inches	Weight Doz., Lbs.
AB KDST2T	\$1.89	12½x9¾	26½	48

Repair Handle No. AB SSSSD Series



**ROUND POINT—LIGHT WEIGHT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Blade, Inches	Length Handle, Inches	Weight Doz., Lbs.
AB KDRT2S	\$1.95	12½x8¾	26½	48

Repair Handle No. AB SSSSD Series



**ROUND POINT—LIGHT WEIGHT
LONG HANDLE**

No.	Each	Blade, Inches	Length Handle, Inches	Weight Doz., Lbs.
AB KLRT2S	\$1.95	12x9¼	46½	48

Repair Handle Nos. AB SSSSL, AB LSSK Series



**ROUND POINT—REGULAR WEIGHT
LONG HANDLE**

No.	Each	Blade, Inches	Length Handle, Inches	Weight Doz., Lbs.
AB KLRHT2	\$1.95	12x9½	51	56

Repair Handle No. AB SSSSL Series



**ROUND POINT—LIGHT WEIGHT
LONG HANDLE**

No.	Each	Blade, Inches	Length Handle, Inches	Weight Doz., Lbs.
AB KLT2RT	\$1.89	12½x9¾	46½	48

Repair Handle Nos. AB SSSSL, AB LSSK Series

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.

KEEN KUTTER SHOVELS

AMERICA'S FINEST

DIRT SHOVELS

SOCKET STRAP PATTERN

HIGH CARBON STEEL, FULL HEAT TREATED
FULL MIRROR POLISHED



SQUARE POINT
HEAVY STEEL D, LARGE WOOD GRIP

Nos.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
REGULAR WEIGHT				
AB KDS2	\$1.95	11 5/8 x 9 3/4	26 1/2	58
LIGHT WEIGHT				
AB KDSL2	1.95	11 5/8 x 9 3/4	26 1/2	54

Repair handle Nos. AB KSS, AB DK, AB SD series.



SQUARE POINT
LONG HANDLE

Nos.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
REGULAR WEIGHT				
AB KLS2	\$1.95	11 5/8 x 9 3/4	51	64
LIGHT WEIGHT				
AB KLSSL2	1.95	11 5/8 x 9 3/4	51	60

Repair handle Nos. AB KSL, AB SSL, AB LK series.



ROUND POINT—REGULAR WEIGHT
HEAVY STEEL D, LARGE WOOD GRIP

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KDR2	\$1.95	11 3/4 x 8 1/2	26 1/2	56

Repair handle Nos. AB KSS, AB DK, AB SD series.



ROUND POINT
LONG HANDLE

Nos.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
REGULAR WEIGHT				
AB KLR2	\$1.95	11 3/4 x 9 1/4	51	64
LIGHT WEIGHT				
AB KLRL2	1.95	11 3/4 x 9 1/4	51	58
FEATHERWEIGHT				
AB KLLR2*	1.95	11 1/2 x 9	48	48

* Has top knob handle.

Repair handle Nos. AB KSL, AB SSL, AB LK series.

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.

RICE SHOVELS

HIGH CARBON STEEL, FULL HEAT TREATED

FULL MIRROR POLISHED

Exceptionally strong and capable of tremendous leverage. Favored by rice farmers to clean out the old and dig new ditches and keep a uniform water level in the fields. Blades have three 5/8-inch perforations to drain off water and lighten the load. Designed with extra line and balance that makes them extremely handy to use.



Solid Shank—Forged Socket Pattern
BLUNT POINT—FEATHERWEIGHT

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KBPR2T	\$1.98	10 1/4 x 9	48	48

Repair handle Nos. AB SSSSL, AB LSSK series.



Solid Socket Pattern
ROUND POINT
LONG HANDLE

Nos.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KRPR1	\$2.29	10 1/4 x 8 1/4	51	56
AB KRPR2	2.29	11 1/4 x 9 1/4	51	61

Repair handle No. AB SML series.

One-half dozen in a bundle.

CAMPERS OR FLORAL SHOVELS



KEEN KUTTER
Shank Pattern
OVAL POINT

Designed to meet the needs of campers and gardeners. For campers it is compact and readily fits into the trailer equipment. It also fills the requirements for an all-around garden tool.

Blade forged from one-piece high carbon steel, carefully oil tempered and taper rolled with a thick center. Top is turned over 1/2 inch, providing a flat step. One-third polished, the balance finished in a brilliant gold bronze. Tubular brown ferrule 8 inches long with bronze cap. Beautifully finished gloss handle. Handle length 40 inches.

No.	Each	Blade, Ins.	Length Over All, Ins.	Wt. Per Doz., Lbs.
AB KC100L	\$1.00	8x5 3/4	48	35

One-half dozen in a bundle.

IRRIGATING SHOVELS

Solid Shank—Forged Socket Pattern

HIGH CARBON STEEL, FULL HEAT TREATED

FULL MIRROR POLISHED

Will lighten digging work tremendously. Made with the right blade shape and size, the proper lift, correct handle and grip for hard digging and handling of materials. Round points slip easily into soil and release freely. Long handles provide greater leverage and prevent back strain.



ROUND POINT—LIGHT WEIGHT

LONG HANDLE

With Round Corner Riveted Steel Step

Regular irrigating lift $4\frac{1}{2}$ inches.

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KIT14 $\frac{1}{2}$ RS	\$2.10	11x8	47	48

Repair handle Nos. AB SSSSL, AB LSSK series.



ROUND POINT—LIGHT WEIGHT

LONG HANDLE

Regular irrigating lift $4\frac{1}{2}$ inches.

Nos.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KIT1S4 $\frac{1}{2}$	\$1.95	11x8	47	48
AB KIT2S4 $\frac{1}{2}$	1.95	11 $\frac{1}{2}$ x8 $\frac{7}{8}$	47	49

Repair handle Nos. AB SSSSL, AB LSSK series.

One-half dozen in a bundle.

MINERS' SHOVELS

Solid Shank, Forged Socket Pattern

HIGH CARBON STEEL, FULL HEAT TREATED

FULL MIRROR POLISHED



SHALLOW DISH SPRING BLADE

ROUND POINT—STANDARD WEIGHT

LONG HANDLE

Fitted with extra select second growth, straight grained ash handles, polished and lacquered.

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KHST2	\$1.95	11 $\frac{3}{4}$ x9	56	56

Repair handle No. AB SSSSL, AB LSSK series.

MOULDERS' SHOVELS

Solid Shank, Forged Socket Pattern

HIGH CARBON STEEL, FULL HEAT TREATED

FULL MIRROR POLISHED



FEATHERWEIGHT

HEAVY STEEL D, LARGE WOOD GRIP

For hand tamping and handling sand, these shovels are leaders in the field. They are designed with a blade which carries just the right load, with a lift the moulder likes and with handle and grip to feel right in his hand. Fitted with extra select second growth straight grained ash handles, polished and waxed.

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KMD2	\$1.95	12x10	26 $\frac{1}{2}$	59

Repair handle No. AB SSSSD series.

One-half dozen in a bundle.

SPECIAL PACKING FOR KEEN KUTTER SHOVELS AND SPADES



KEEN KUTTER shovels and spades are wrapped in heavy paper to protect them from rust and dust. As an additional protection the bundle is also covered with a white cotton bag—this insures clean, salable goods.

The handles on KEEN KUTTER and SIMMONS shovels are individually wrapped in paper tubes.

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

KEEN KUTTER SPADES

AMERICA'S FINEST

Here are spades of many types, all made for lasting service. Forged from high carbon steel, full heat treated and polished. Handles are select second growth straight grained ash, polished, waxed and labeled. Choose the types best suited to your particular requirements and save by buying the best.

**SOLID SHANK—FORGED SOCKET PATTERN
HIGH CARBON STEEL, FULL HEAT TREATED
FULL MIRROR POLISHED**



**IOWA PATTERN—ROUND POINT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KIP2	\$2.10	13x5 $\frac{7}{8}$	30	60

Repair handle No. AB SSSSD30 series.



**LIGHT WEIGHT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KCDT2S	\$1.95	12x7 $\frac{1}{4}$	26 $\frac{1}{2}$	48

Repair handle No. AB SSSSD series.

**SOCKET STRAP PATTERN
HIGH CARBON STEEL, FULL HEAT TREATED**



**LUTHER BURBANK PATTERN
With Riveted Steps**

**FULL POLISHED BLADE
HEAVY STEEL D, LARGE WOOD GRIP**

Digging up shrubbery and trees calls for a good deal of prying to loosen stubborn roots—that's where this shovel shows its strength.

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KBS2	\$2.10	12 $\frac{1}{2}$ x6 $\frac{1}{2}$	30	52

Repair handle Nos. AB KSSS, AB SSD series.
One-half dozen in a bundle.

A New
**KEEN KOOKER CAST
IRON RANGE**

Will Give You
Better, Faster Cooking

**SOCKET STRAP PATTERN
HIGH CARBON STEEL, FULL HEAT TREATED
FULL MIRROR POLISHED**



**REGULAR PATTERN—SQUARE POINT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Blade, Inches Bottom Top	Length In.	Wt. per Doz., Lbs.
AB KSD2	\$1.95	6 $\frac{7}{8}$ 7 $\frac{1}{8}$ 11 $\frac{7}{8}$	26	68

Repair handle Nos. AB KSSS, AB SSD series.



**REGULAR PATTERN—SQUARE POINT
LONG HANDLE**

No.	Each	Blade, Inches Bottom Top	Length In.	Wt. per Doz., Lbs.
AB KSL2	\$1.95	6 $\frac{7}{8}$ 7 $\frac{1}{8}$ 11 $\frac{7}{8}$	51	70

Repair handle No. AB SSL series.



**IOWA PATTERN—ROUND POINT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KSR2	\$2.10	12 $\frac{1}{2}$ x6 $\frac{3}{4}$	30	56

Repair handle Nos. AB KSSS, AB SV34 series.



**IOWA PATTERN—ROUND POINT
LONG HANDLE**

No.	Each	Blade, In.	Length Handle, In.	Wt. per Dozen, Lbs.
AB KSLR2	\$1.95	12 $\frac{1}{2}$ x6 $\frac{3}{4}$	51	56

Repair handle No. AB SSL series.
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.

SIMMONS SHOVELS

Economical! Dependable!

Save money and lighten your hand labor tasks! Will give long service. Designed with the proper lift and balance for ease in handling. Second only to **KEEN KUTTER** in quality. Every one made of high carbon steel, full heat treated and tested. They look well and wear well. All fitted with select grade ash handles, polished, waxed and labeled.

SOLID SHANK, FORGED SOCKET PATTERN
HIGH CARBON STEEL, FULL HEAT TREATED
POLISHED FRONT, VELVET OR SATIN BACK



LIGHT WEIGHT—SQUARE POINT
HEAVY STEEL D, LARGE WOOD GRIP

No.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
AB SDST2	\$1.89	12½x9¾	26½	48

Repair handle No. AB SSSSD series.



LIGHT WEIGHT—SQUARE POINT
LONG HANDLE

No.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
AB SLT2S	\$1.89	12½x9¾	46½	48

Repair handle Nos. AB SSSSL, AB LSSK series.



LIGHT WEIGHT—ROUND POINT
HEAVY STEEL D, LARGE WOOD GRIP

No.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
AB SDRT2	\$1.89	12½x8¾	26½	48

Repair handle No. AB SSSSD series.



LIGHT WEIGHT—ROUND POINT
LONG HANDLE

No.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
AB SLT2R	\$1.89	11½x8¾	46½	48

Repair handle Nos. AB SSSSL, AB LSSK series.

One-half dozen in a bundle.

SOCKET STRAP PATTERN

HIGH CARBON STEEL, FULL HEAT TREATED
POLISHED FRONT, VELVET OR SATIN BACK



FEATHERWEIGHT—SQUARE POINT
HEAVY STEEL D, LARGE WOOD GRIP

No.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
AB SSDST2	\$1.89	11½x9¾	26½	51

Repair handle No. AB SD series.



FEATHERWEIGHT—SQUARE POINT
LONG HANDLE

No.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
AB SLLST2	\$1.89	11½x9¾	48	54

Repair handle Nos. AB SLL, AB LK series.



ROUND POINT—LONG HANDLE

Nos.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
REGULAR WEIGHT				
AB SSLRT2	\$1.89	11¾x9½	51	60

FEATHERWEIGHT

AB SLLRT2	1.89	11½x9	48	51
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Repair handle Nos. AB SL, AB SLL, AB LK series.

One-half dozen in a bundle.

KEEN KUTTER

FILES

WORK SMOOTHLY

and

QUICKLY

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

SIMMONS SHOVELS AND SPADES

You will save money and lighten your digging and spading labor when you use these fine quality tools. They last longer and do more efficient work than ordinary spades. Choose the type you need for your particular work. It pays to buy the right tool and you'll be properly equipped with **SIMMONS**. Second only to **KEEN KUTTER** in quality. Every one made of high carbon steel and fitted with select grade long lasting ash handles, waxed and labeled.

CONCRETE SHOVELS

Solid Shank, Forged Socket Pattern
HIGH CARBON STEEL, FULL HEAT TREATED
BLACK FINISH



HEAVY STEEL D, LARGE WOOD GRIP

The blades of these shovels are 15-gauge steel, which makes them ideal for handling concrete, gravel, sand and other heavy materials. Workmen like it because it will not break where blade joins the shank.
The blade lift is 6½ inches, handle lift 18 inches.

No.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
AB SCD4B	\$1.89	11x13	27	63

Repair handle No. AB SSSSD series.

IRRIGATING SHOVELS

Solid Shank, Forged Socket Pattern
HIGH CARBON STEEL, FULL HEAT TREATED
POLISHED FRONT, VELVET OR SATIN BACK



ROUND POINT LIGHT WEIGHT—LONG HANDLE

Regular Irrigating Lift 4½ Inches.

Nos.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
AB SIT14½	\$1.89	11x8	47	48
AB SIT24½	1.95	11½x8¾	47	49

Repair handle Nos. AB SSSSL, AB LSSK series.

RICE SHOVELS

Solid Shank, Forged Socket Pattern
HIGH CARBON STEEL, FULL HEAT TREATED
POLISHED FRONT, VELVET OR SATIN FINISH BACK



FEATHERWEIGHT BLUNT POINT—LONG HANDLE

Makes rice cultivation an easier task! Specially designed with three ¾-inch perforations in blade to drain off water and lighten load. Lift and balance of this shovel makes it extremely handy to use, and effective for cleaning out ditches.

No.	Each	Blade, Ins.	Length Handle, Ins.	Wt. per Dozen, Lbs.
AB SBPR2T	\$1.89	10¼x9	48	48

Repair handle Nos. AB SSSSL, AB LSSK series.
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.

Solid Shank, Forged Socket Pattern

HIGH CARBON STEEL, FULL HEAT TREATED
POLISHED FRONT, VELVET OR SATIN BACK



LIGHT WEIGHT — SQUARE POINT HEAVY STEEL D, LARGE WOOD GRIP

No.	Each	Blade, Inches	Length per Handle, Doz., In.	Wt. per Doz., Lbs.
AB SCDT2	\$1.89	12x7¼	26½	48

Repair handle No. AB SSSSD series.

IOWA PATTERN

This type of spade is preferred by potato growers and gardeners for digging efficiency and easy handling.



ROUND POINT HEAVY STEEL D, LARGE WOOD GRIP

No.	Each	Blade, Inches	Length per Handle, Doz., In.	Wt. per Doz., Lbs.
AB SR12	\$1.98	12½x6¾	30	56

Repair handle No. AB SV34 series.



ROUND POINT — LONG HANDLE

No.	Each	Blade, Inches	Length per Handle, Doz., In.	Wt. per Doz., Lbs.
AB SRIL2	\$1.89	12½x6¾	51	56

Repair handle No. AB SSL series.
One-half dozen in a bundle.

*Go Modern
Now...*

Install

**SIMMONS
LIGHTING
FIXTURES**

SIMMONS SPADES

Economical! Dependable!

Digging post holes and ditches and cleaning out drains requires long slender bladed tools with good cutting edges. These are fine tools for this work, and will give lasting service.

DRAIN SPADES

Solid Shank, Forged Socket Pattern

HIGH CARBON STEEL, FULL HEAT TREATED
POLISHED FRONT, VELVET OR SATIN BACK



HEAVY STEEL D, LARGE WOOD GRIP

Concave tapering blade, sharpened on both sides and points. Turn-back top step. Spread at step 5½ inches, at point 4¼ inches.

Nos.	Each	Blade, Inches	Length per Handle, In.	Wt. per Doz., Lbs.
AB SDT14	\$1.98	14	27	60
AB SDT16	2.09	16	27	63

Repair handle No. AB SSSSD series.

ALL BLACK BLADE

AB ST16B	\$1.89	16	27	64
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Repair handle No. AB SSSSD series.

Socket Strap Pattern

FORGED HIGH CARBON STEEL
POLISHED FRONT, VELVET OR SATIN BACK



HEAVY STEEL D, LARGE WOOD GRIP

Concave tapering blade, sharpened on both sides and points. Regular flat step on top edge of blade. Spread at step 5½ inches, at point 4½ inches.

Nos.	Each	Blade, Inches	Length per Handle, In.	Wt. per Doz., Lbs.
AB SD14	\$1.98	14	27½	48
AB SD16	2.09	16	27½	50
AB SD18	2.19	18	27½	54

Repair handle Nos. AB S146S, AB KSPP series.

One-half dozen in a bundle.

POST OR DITCHING SPADES

Digging ditches and post holes requires long, slender-bladed tools with good cutting edges. These spades will give efficient service and last a long time.

Solid Shank, Forged Socket Pattern

HIGH CARBON STEEL, FULL HEAT TREATED
POLISHED FRONT, VELVET OR SATIN BACK



HEAVY STEEL D, LARGE WOOD GRIP

Concave tapering blade, sharpened on both sides and points. Turn-back top step. Spread at step 5½ inches, at point 6 inches.

Nos.	Each	Blade, Inches	Length per Handle, In.	Wt. per Doz., Lbs.
AB SPT14	\$1.98	14	27	60
AB SPT16	2.09	16	27	63

Repair handle No. AB SSSSD series.

Socket Strap Pattern

HIGH CARBON STEEL, FULL HEAT TREATED
POLISHED FRONT, VELVET OR SATIN BACK



SPECIAL ANDERSON PATTERN HEAVY STEEL D, LARGE WOOD GRIP

Plain back construction. Straps electrically welded to blade. Special round corners. Tennon steps.

Nos.	Each	Blade, Inches	Length per Handle, In.	Wt. per Doz., Lbs.
AB SPA14	\$1.98	6x14	27	50
AB SPA16	2.09	6x16	27	52
AB SPA18	2.19	6x18	27	54

Repair handle No. AB KSPP series.

Socket Strap Pattern

FORGED HIGH CARBON STEEL
POLISHED FRONT, VELVET OR SATIN BACK



HEAVY STEEL D, LARGE WOOD GRIP

Concave tapering blade, sharpened on both sides and points. Regular flat step on top edge of blade. Spread at step 5½ inches, at point 6 inches.

Nos.	Each	Blade, Inches	Length per Handle, In.	Wt. per Doz., Lbs.
AB SPD14	\$1.98	14	27½	51
AB SPD16	2.09	16	27½	55
AB SPD18	2.19	18	27½	58

Repair handle No. AB KSPP series.

One-half dozen in a bundle.

Keep Young and Fit

RIDE A

SIMMONS

BANNER or DELMAR
BIKE

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

Klicker SHOVELS

You Can't Buy Better Shovels for the Money!

DIRT SHOVELS

Solid Shank—Forged Socket Pattern

Exceptionally strong construction! Blade shank and socket are forged from a solid bar of steel. Nothing to break loose because it's all one piece. Improved bend, designed for perfect balance and easier handling.

Special analysis steel blades, heat treated to make them unbreakable, offers greatest resistance to shocks and strains. Sturdy smooth belted ash handles.

CARBON STEEL

BLACK FINISH BLADE, WITH POLISHED SOCKET



**SQUARE POINT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Size	Blade, Ins.	Length Hdle., Ins.	Wt. Per Doz., Lbs.
AB 2DSK	\$1.49	2	9 $\frac{5}{8}$ x 12	26 $\frac{1}{2}$	52

Repair handle No. AB SSSSD series.



**SQUARE POINT
LONG HANDLE**

No.	Each	Size	Blade, Ins.	Length Hdle., Ins.	Wt. Per Doz., Lbs.
AB 2LSK	\$1.49	2	9 $\frac{5}{8}$ x 12	51	54

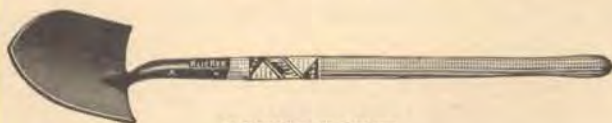
Repair handle Nos. AB LSSK, AB SSL series.



**ROUND POINT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Size	Blade, Ins.	Length Hdle., Ins.	Wt. Per Doz., Lbs.
AB 2DRK	\$1.49	2	8 $\frac{3}{4}$ x 11 $\frac{3}{8}$	26 $\frac{1}{2}$	49

Repair handle No. AB SSSSD series.



**ROUND POINT
LONG HANDLE**

No.	Each	Size	Blade, Ins.	Length Hdle., Ins.	Wt. Per Doz., Lbs.
AB 2LRK	\$1.49	2	8 $\frac{3}{4}$ x 11 $\frac{3}{8}$	47	51

Repair handle Nos. AB LSSK, AB SSL series.
One-half dozen in a bundle.

DIRT SHOVELS

Plain Back Pattern

These plain back shovels are much stronger and much more dependable than the ordinary shovel in this price range. Yet they are light and easy to handle and will give satisfactory service.

Made of high carbon steel with sturdy, smooth belted ash handles.

CARBON STEEL BLACK FINISH BLADE



**SQUARE POINT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Size	Blade, Ins.	Length Hdle., Ins.	Wt. Per Doz., Lbs.
AB DS2KB	\$1.49	2	11 $\frac{5}{8}$ x 9 $\frac{3}{8}$	26 $\frac{1}{2}$	56

Repair handle Nos. AB DK, AB SD series.



**SQUARE POINT
LONG HANDLE**

No.	Each	Size	Blade, Ins.	Length Hdle., Ins.	Wt. Per Doz., Lbs.
AB LS2KB	\$1.49	2	11 $\frac{5}{8}$ x 9 $\frac{3}{8}$	51	54

Repair handle Nos. AB LK, AB SL series.



**ROUND POINT
HEAVY STEEL D, LARGE WOOD GRIP**

No.	Each	Size	Blade, Ins.	Length Hdle., Ins.	Wt. Per Doz., Lbs.
AB DR2KB	\$1.49	2	11 $\frac{5}{8}$ x 8 $\frac{1}{2}$	26 $\frac{1}{2}$	53

Repair handle Nos. AB DK, AB SD, AB KSS series.



**ROUND POINT
LONG HANDLE**

Nos.	Each	Size	Blade, Ins.	Length Hdle., Ins.	Wt. Per Doz., Lbs.
FEATHERWEIGHT					
AB LLR2KB	\$1.49	2	11 $\frac{5}{8}$ x 8 $\frac{3}{4}$	48	48
REGULAR WEIGHT					
AB LR2KB	1.49	2	11 $\frac{5}{8}$ x 9 $\frac{1}{4}$	51	52

Repair handle Nos. AB SL, AB SSL, AB LK series.
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.

Klicker SHOVELS AND SPADES

Serviceable Shovels and Spades at a Thrifty Price!

DIRT SHOVELS

Socket Shank Pattern

Your best buy in the medium price field! Has proper weight and balance for easier shoveling.

Socket shank and blade forged from one piece carbon steel, heat treated for long service. Rolled shoulder strengthens blade and makes a convenient shoveling step. Has patented shock band to protect wood. Selected northern ash handle, sanded and waxed. End of handle and shock band painted black.

BLACK LACQUERED BLADE, POLISHED SOCKET



LIGHT WEIGHT — SQUARE POINT HEAVY STEEL D — LARGE WOOD GRIP

No.	Each	Size	Blade, Inches	Length per Handle, Doz., In.	Wt. Lbs.
AB DHSK	\$1.39	2	11 3/4 x 9 5/8	26 1/2	52

Repair handle No. AB DHK series.



FEATHERWEIGHT — SQUARE POINT LONG HANDLE

No.	Each	Size	Blade, Inches	Length per Handle, Doz., In.	Wt. Lbs.
AB LHSK	\$1.39	2	11 3/4 x 9 5/8	48	52

Repair handle No. AB 4K series.



LIGHT WEIGHT — ROUND POINT HEAVY STEEL D, LARGE WOOD GRIP

No.	Each	Size	Blade, Inches	Length per Handle, Doz., In.	Wt. Lbs.
AB DHRK	\$1.39	2	11 7/8 x 8 7/8	26 1/2	50

Repair handle No. AB DHK series.



FEATHERWEIGHT — ROUND POINT LONG HANDLE

No.	Each	Size	Blade, Inches	Length per Handle, Doz., In.	Wt. Lbs.
AB LHRK	\$1.39	2	11 7/8 x 8 7/8	48	50

Repair handle No. AB 4K series.
One-half dozen in a bundle.

SPADES

Handy spades for general use around farm, garden, barn or nursery.

Forged from one piece of carbon steel, with convenient turned step. Fitted with medium grade ash handles, smooth belted.

Plain Back Pattern BLACK FINISH



HEAVY
STEEL D,
LARGE
WOOD
GRIP

No.	Each	Blade, Inches	Length per Handle, Doz., In.	Wt. Lbs.
AB 2SDKB	\$1.49	12 x 7 1/4	27	68

Repair handle Nos. AB DK, AB SSD series.



LONG HANDLE

No.	Each	Blade, Inches	Length per Handle, Doz., In.	Wt. Lbs.
AB 2SLKB	\$1.49	12 1/4 x 7 1/2	52	70

Repair handle Nos. AB SCL, AB SSL series.

Solid Shank — Forged Socket Pattern CARBON STEEL BLACK FINISH



HEAVY STEEL D — LARGE WOOD GRIP

Black finish blade with polished socket.

No.	Each	Blade, Inches	Length per Handle, Doz., In.	Wt. Lbs.
AB 2DK	\$1.49	7 1/4 x 11 3/8	26 1/2	54

Repair handle No. AB SSSSD series.
One-half dozen in a bundle.

GARDEN SPADES



HOLLOW
BACK
PATTERN
BLACK
FINISH

Fitted with smooth belted ash handle, steel D, with wood grip. One-piece carbon steel blade and socket.

No.	Each	Blade, Inches	Length per Handle, Doz., In.	Wt. Lbs.
AB 2K	\$0.89	7 x 12	26 1/2	52

Repair handle No. AB S142S series.
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.

KLICKEr IRRIGATING SHOVELS

Socket Shank Pattern

Your best buy in the medium price field! Has proper weight and balance for easier shoveling.

Socket shank and blade forged from one-piece carbon steel, heat treated for long service. Rolled shoulder strengthens blade and makes a convenient shoveling step. Has patented shock band to protect wood. Selected northern ash handle, sanded and waxed. End of handle and shock band painted black.

CARBON STEEL — HEAT TREATED BLACK LACQUERED BLADE — POLISHED SOCKET



LIGHT WEIGHT — ROUND POINT LONG HANDLE

Regular irrigating lift $4\frac{1}{2}$ inches. Shock band and handle end painted black.

Nos.	Each	Size	Blade, Inches	Length per Handle, Doz.,	
				In.	Lbs.
AB 1L $4\frac{1}{2}$ K	\$1.49	2	11x8	47	48
AB 2L $4\frac{1}{2}$ K	1.49	2	11x8 $\frac{7}{8}$	47	49

Repair handle No. AB 4K series.
One-half dozen in a bundle.

Solid Shank—Forged Socket Pattern

Exceptionally strong construction! Blade shank and socket are forged from a solid bar of steel. Nothing to break loose because it's all one piece. Improved bend, designed for perfect balance and easier handling.

Special analysis steel blades, heat treated to make them unbreakable, offers greatest resistance to shocks and strains. Sturdy smooth belted ash handles.

CARBON STEEL—BLACK FINISH BLADE WITH POLISHED SOCKET



ROUND POINT—LIGHT WEIGHT LONG HANDLE

Regular irrigating lift $4\frac{1}{2}$ inches. Sturdy smooth belted ash handles.

No.	Each	Size	Blade, Ins.	Length per Hdle., Doz.,	
				Ins.	Lbs.
AB 2/ $4\frac{1}{2}$ K	\$1.49	2	11 $\frac{1}{2}$ x8 $\frac{7}{8}$	47	63

Repair handle Nos. AB LSSK, AB SSL series.
One dozen in a bundle.

PENNANT SHOVELS

An amazing value in hollow back shovels! They have the features you want—standard quality and long service, at a low price! Turned over top edge and ridge in center of blade gives extra strength.

Hollow Back Pattern

Steel blade and socket made from one piece of regular quality shovel steel. Smooth finished ash handles.

BLACK BLADE—POLISHED SOCKET



ROUND
POINT
HEAVY
STEEL D,
LARGE
WOOD
GRIP

No.	Each	Blade, In.	Length per Handle, Dozen,	
			In.	Lbs.
AB PDR	\$0.89	8 $\frac{5}{8}$ x11 $\frac{1}{2}$	26	45

Repair handle No. AB S142S series.
One-half dozen in a bundle.

ROUND POINT—LONG HANDLE

No.	Each	Blade, In.	Length per Handle, Dozen,	
			In.	Lbs.
AB PLR	\$0.89	8 $\frac{5}{8}$ x11 $\frac{1}{2}$	46	48

Repair handle Nos. AB SCL, AB SSL series.
One-half dozen in a bundle.



SQUARE
POINT
HEAVY
STEEL D,
LARGE
WOOD GRIP

No.	Each	Blade, In.	Length per Handle, Dozen,	
			In.	Lbs.
AB PDS	\$0.89	9 $\frac{5}{8}$ x11 $\frac{1}{4}$	26	48

Repair handle No. AB S142S series.
One-half dozen in a bundle.

SIMMONS

Improved Airtight Wood Heaters

PRODUCE MORE HEAT FROM LESS FUEL

— They Give You Years of Dependable Service —

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

GRAIN SCOOPS



KEEN KUTTER

America's Finest

You can trust this trademark always to indicate the highest quality. These scoops will give you superior service and so are more economical in the long run, even though the initial cost may be a trifle more than the ordinary type.

Hollow Back—Light Weight

FULL HEAT-TREATED

Western Pattern

CORRUGATED BLADE—FULL POLISHED

HEAVY STEEL D, LARGE WOOD GRIP

Highest grade 17-gauge one-piece steel blade and small tapered socket. Blade extra hard. Extra select Northern ash handle 27½ inches long, waxed and polished.

Nos.	Each	Size	Width Blade, Ins.	Length Blade, Ins.	Wt. Per Doz., Lbs.
AB KDW6	\$2.29	6	12¾	16	65
AB KDW8	2.39	8	13¾	16¾	67
AB KDW10	2.49	10	14¾	17¾	69
AB KDW12	2.59	12	14¾	18¾	73
AB KDW14	2.69	14	15¾	19¾	76

Repair handle Nos. AB KSDH, AB DSK series.

CLAYBANK



Western
Pattern
Hollow Back
Pattern
CORRU-
GATED
BLADE

HEAVY STEEL D, LARGE WOOD GRIP

Large capacity scoop for easier handling of heavy loads. One-piece medium grade 17-gauge steel blade and socket. Medium grade ash handle, 27½ inches long.

VELVET OR SATIN FINISH

Nos.	Each	Size	Width Blade, Ins.	Length Blade, Ins.	Wt. Per Doz., Lbs.
AR CDW6	\$1.65	6	12¾	16	65
AY CDW8	1.75	8	13¾	16¾	68
AY CDW10	1.85	10	14¾	17¾	74
AY CDW12	2.09	12	14¾	18¾	79
AY CDW14	2.19	14	15¾	19¾	82

Repair handle Nos. AB S142S, AB KCDH, AB DSK series.

BLACK FINISH

Nos.	Each	Size	Width Blade, Ins.	Length Blade, Ins.	Wt. Per Doz., Lbs.
AR CDW6B	\$1.45	6	12¾	16	66
AY CDW8B	1.65	8	13¾	16¾	70
AY CDW10B	1.75	10	14¾	17¾	74
AY CDW12B	1.95	12	14¾	18¾	79

Repair handle Nos. AB S142S, AB KCDH series.

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.

GRAIN SCOOPS

CLAYBANK

Hollow Back Pattern

Blade Has Polished Front
and Black Brushed Back

One-piece medium grade 16-gauge steel blade and small tapered socket. Medium grade ash handle 27½ inches long.



Eastern Pattern,
Light Weight

HEAVY STEEL
D, LARGE
WOOD GRIP

Nos.	Each	Size	Width Blade, Ins.	Length Blade, Ins.	Wt. Per Doz., Lbs.
AB CDE2	\$1.69	2	10¾	15	63
AB CDE4	1.89	4	11¾	16	64

Repair handle Nos. AB S142S, AB KCDH series.



Eastern Pattern

Light Weight

LONG HANDLE

Handle 47 inches long.

Nos.	Each	Size	Width Blade, Ins.	Length Blade, Ins.	Wt. Per Doz., Lbs.
AB CLE2	\$1.69	2	10¾	14¾	65
AB CLE4	1.89	4	11¾	15¾	67

Repair handle Nos. AB SCL, AB 4K series.

COAL YARD SCOOPS

KEEN KUTTER

These scoops are primarily intended for handling coal and other large bulky materials for which efficiency requires maximum bowl capacity and also a tool as light as possible. Flaring corners and flat edge permits blade to slide into or under the coal with very slight resistance.



Hollow Back Pattern

FLAT POINT—BLACK FINISH

HEAVY STEEL D, LARGE WOOD GRIP

Blade and socket forged from one-piece 16-gauge heat-treated carbon steel. Extra select Northern ash handle 27½ inches long, with armored D.

Nos.	Each	Size	Blade, Inches	Wt. Per Doz., Lbs.
AB KCS7	\$1.98	7	14 x17	75
AB KCS8	2.10	8	14½x17½	75
AB KCS10	2.25	10	15½x18½	80

Repair handles Nos. AB S142S, AB KCDH series.

One-half dozen in a bundle.

LOCOMOTIVE SCOOPS

CLAYBANK
Hollow Back Pattern
BLACK FINISH



SHORT D HANDLE

One-piece medium grade steel blade and socket. Medium grade short D type ash handle only 23 inches long, very convenient for use in crowded or small places.

Nos.	Each	Blade, Inches	Wt. Per Dozen, Lbs.
AB C20	\$1.49	11 x15	72
AB C30	1.59	11 1/2 x15 1/2	74
AB C40	1.69	11 1/2 x16	80

Repair handle No. AB SSSSD series.
One-half dozen in a bundle.

COAL SHOVELS

CLAYBANK
Hollow Back Pattern—Black Finish

Large capacity and light weight make these the ideal shovels for handling coal and other heavy bulk products. Steel blade and socket. Frog in center adds strength and makes blade more rigid. Medium grade smooth belted ash handle.

FLAT BLADE



HEAVY STEEL D LARGE WOOD GRIP

Nos.	Each	Size	Blade, In.	Length Handle, In.	Wt. Doz., Lbs.
AB C CCD20	\$1.60	2	13 1/2 x14 1/2	26 1/2	64
AB C CCD30	1.69	2	14 x15	26 1/2	68

Repair handle No. AB S142S series.

CORRUGATED BLADE

Two lengthwise corrugations add strength to blade and permit greater load.



HEAVY STEEL D LARGE WOOD GRIP

Nos.	Each	Size	Blade, In.	Length Handle, In.	Wt. Doz., Lbs.
AB C CCD1	\$1.49	1	13 x14 1/2	26 1/2	60
AB C CCD2	1.59	2	13 1/2 x14 3/4	26 1/2	64
AB C CCD3	1.69	3	14 x15 1/4	26 1/2	68

Repair handle No. AB S142S series.



LONG HANDLE

No.	Each	Size	Blade, In.	Length Handle, In.	Wt. Doz., Lbs.
AB C CLC20	\$1.59	2	13 1/2 x14 3/4	54	64

Repair handle No. AB SCL series.
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.

COAL SHOVELS

CLAYBANK

Large capacity and light weight make these the ideal shovels for handling coal and other heavy bulk products. Steel blade and socket. Frog in center adds strength and makes blade more rigid. Medium grade smooth belted ash handle.



GOLD BUG

REINFORCED BLADE

HEAVY STEEL D, LARGE WOOD GRIP

Steel blade and extended forked socket gives double strength and makes blade more rigid. Highest grade selected ash handle with red lacquered dee.

BLADE ONE-HALF POLISHED AND ONE-HALF ALUMINIZED FINISH

Nos.	Each	Size	Blade, In.	Length Handle, In.	Wt. Doz., Lbs.
AB 1	\$1.89	1	13x13 3/4	26 1/2	62
AB 2	1.98	2	14 3/4 x14 1/4	26 1/2	72

BLADE ALL BLACK FINISH

AB GB1B	\$1.79	1	13x13 3/4	26 1/2	62
AB GB2B	1.89	2	14 3/4 x14 1/4	26 1/2	72

Repair handle No. AB S142S series.
One-half dozen in a bundle.

FURNACE SCOOPS

Hollow Back Pattern

Light, serviceable scoops for easy handling of coal, coke or ashes.

Blade and socket forged from one-piece 16-gauge steel.

BLACK FINISH



Split D Handle

Medium grade ash handle 29 inches long.

No.	Each	Width Blade, Ins.	Length Blade, Ins.	Wt. Doz., Lbs.
AB C	\$0.98	10 1/2	14 1/4	58

Repair handle No. AB DSK series.



No. AB C390.

BLACK ENAMEL FINISH—HARDWOOD HANDLE

Steel D Top, Large Wood Grip
Length handle 32 inches.

Nos.	Each	Width Blade, Ins.	Length Blade, Ins.	Wt. Doz., Lbs.
AB C390	\$0.59	8 1/2	14	48

Long Handle

Length handle 51 inches.

AB C390L	\$0.59	8 1/2	14	56
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Repair handle No. AB LSSK series.
One-half dozen in a bundle.

GRAVEL SCOOPS

KEEN KUTTER

America's Finest



Hollow Back
Pattern—Black
Finish
Heat-Treated
Sturdee Steel
D, and Wood
Grip

Easy to handle because it is lighter than the ordinary shovel. Designed to scoop and hold maximum load. Will last indefinitely.

Blade and socket one-piece 16-gauge steel. Extra select, smooth ash handle, 26½ inches long.

No.	Each	Blade, Inches	Wt. Per Doz., Lbs.
AB KDG20	\$1.79	14¾x11	61

Repair handle Nos. AB SDS, AB DSK series.

CLAYBANK

Hollow Back Pattern

BLACK FINISH BLADE, SOCKET AND D

Blade and socket made of one-piece 16-gauge medium grade steel. Medium grade ash handle, 27 inches long. Sturdy and long lasting



PLAIN BLADE—SPLIT D HANDLE

No.	Each	Blade, Inches	Wt. Per Doz., Lbs.
AB CDG20	\$1.49	14¾x11	64

Repair handle Nos. AB SDS, AB DSK series.



CORRUGATED BLADE ROUNDED BOTTOM—TURNED BACK STEP Heavy Steel D, Large Wood Grip

No.	Each	Blade, Inches	Wt. Per Doz., Lbs.
AB CDC20	\$1.49	15x11½	63

Repair handle Nos. AB S142S, AB DSK series.



ROUNDED BOTTOM—TURNED BACK STEP PLAIN BLADE—Heavy Steel D, Large Wood Grip

No.	Each	Blade, Inches	Wt. Per Doz., Lbs.
AB CDR20	\$1.49	15x11½	66

Repair handle Nos. AB S142S, AB DSK series.

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.

BREAK DOWN SCOOPS

KEEN KUTTER

America's Finest



Hollow Back Pattern

DIAMOND POINT—BLACK FINISH HEAVY STEEL D, LARGE WOOD GRIP

For handling gravel, sand, and crushed stone—the sharp diamond point penetrates much easier than ordinary square or rounded point scoop. Saves you money in the long run—it's real economy to buy the best.

Blade and socket one-piece 16-gauge, heat-treated carbon steel. Extra select grade northern ash handle, 26½ inches long.

Nos.	Each	Size	Blade, Inches	Wt. Per Doz., Lbs.
AB K4BD	\$1.89	4	11½x15½	68
AB K6BD	1.98	6	12¼x16	76
AB K8BD	2.09	8	12¾x17	84

Repair handle No. AB KCDH series.
One-half dozen in a bundle.

SAND SHOVELS

CLAYBANK

COAL MINERS' AND SAND

Hollow Back Pattern



D HANDLE—POLISHED BLADE

Handles maximum load easily. Light weight but sturdy. Frog in center adds strength and makes blade more rigid. Steel blade and socket. Medium grade ash handle, with wood D.

No.	Each	Size	Blade, In.	Length per Handle, Doz., In. Lbs.
AB CCDS4	\$1.79	4	13x10	26½ 62

Repair handle Nos. AB S142S, AB KCDH series.
One-half dozen in a bundle.

DRAIN CLEANERS

KEEN KUTTER



Saves time and effort in cleaning drains and ditches!

ADJUSTABLE

Separate malleable frame and socket with ratchet on both sides make blade adjustable to any angle. Especially useful cleaner for finishing tile ditches.

Forged steel concave blade, polished. With front and back edges beveled for use in either pulling or pushing. Blade riveted to japanned frame or bracket. Fitted with northern ash handle, belted and waxed—length 6 feet.

Blade 15x5 inches.

AB KC20—Weight per dozen 66 lbs. Each \$1.59

One-half dozen in a bundle.

GENERAL PURPOSE AND BARN SCOOPS



Hollow Back Pattern
BLACK FINISH
LONG HANDLE

Handy scoop to keep about the barn and farmyard for handling feed, grain, refuse, fertilizer, or dirt.

One-piece heavy sheet steel blade and socket. Polished socket. Medium grade ash handle 48 inches long.

No.	Each	Width Blade, Ins.	Length Blade, Ins.	Wt. Per Doz., Lbs.
AB 101HL	\$1.19	11	15	65

Repair handle No. AB LSSK series.

BARN AND SNOW SHOVELS

Hollow Back Pattern



LONG HANDLE
BLACK FINISH

You'll like this light weight long handled shovel for general all around use. Light, low sides, well balanced, ideal for snow in winter. Convenient, too, for handling dirt, debris and barnyard manure.

Sheet steel, 18-gauge dished blade, with socket for bent handle. Natural finish ash handle. Length over all 60½ inches.

No.	Each	Width Blade, Ins.	Length Blade, Ins.	Wt. Per Doz., Lbs.
AY 5S	\$0.49	11	14	62

Repair handle No. AB LSSK series.

SNOW AND STREET SHOVELS



Hollow Back Pattern
BLACK FINISH
BRACED SPLIT D HANDLE

Extra large blade shovels for fast, easy removal of large quantities of refuse, debris, or snow.

Heavy sheet steel black finish blade and socket. Ash handle. 38 inches long.

No.	Each	Blade, Inches	Wt. Per Dozen, Lbs.
AB 1538	\$1.49	15x15	76

One-half dozen in a bundle.

SNOW SHOVELS

Play safe! Be prepared for the next snowstorm, to clear away the snow easily and quickly. These tools are easy to use because they are properly designed and correctly balanced for the work.



Heavy galvanized iron corrugated blade—Turned up top prevents snow sliding over shovel. Sides and top are wired for greater strength. Heavy black steel shoe riveted to bottom edge strengthens and protects blade. Angle iron braces riveted to back and secured to handle give rigidity.

Varnished hardwood handle—Strong and sturdy with rounded edges. Extends to front of blade and is securely riveted. Heavy wrought steel riveted D with 4½-inch comfortable hardwood grip. Length shovel over all 50 inches.

Nos.	Each	Size Blade, Inches	Weight Per Doz., Lbs.
AB 33	\$1.30	17x15	57
AB 34	1.45	21x16	66



Extra Strong

Extra quality, 18-gauge spring steel beaded curved blade with turned-up top. Attractive green finish. Varnished hardwood handle with extra strong ribbed D handle—secured to back of blade by 16-gauge welded steel riveted socket. Socket on back also reinforces the blade. Length over all 48 inches.

Blade 18x15 inches.

AB 31—Weight per dozen 64 lbs. Each \$0.79

One-half dozen in a crate.



Galvanized Steel Blade

Very economical but strong and durable. Strong blade has six ribs for added strength and will carry a heavy load. Hardwood handle with steel D and 5-inch comfortable wood grip. Handle extends to bottom of blade and is securely riveted. Length over all 49 inches.

AB 618—Blade 18x13 inches. Weight per dozen 65 lbs. Each \$0.69

One-quarter 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.

SIDEWALK CLEANERS



KEEN KUTTER

Sharp Double Bevel Blade

Sharpened double beveled blade, excellent for cleaning or chopping ice from sidewalks, scraping stable floors.

SOCKET PATTERN

These first quality cleaners are made rugged for hard use. Blade forged from high-grade steel, oil tempered, one-third polished. Balance of blade and socket painted black. Long lasting, light weight handle 4½ feet long—extra select second growth straight grained ash, smooth belted and waxed.

Blade 7x6 inches.

AB K7—Weight per dozen 45 lbs.....Each \$1.09

One-half dozen in a bundle.

Heads burlapped, handles wrapped in paper.



KLICHER

SOCKET PATTERN

Practical! Economical!

Use this sturdy scraper for breaking hard ice, cleaning stable and garage floors, poultry houses, factory floors. Handy, too, for cutting weeds, edging lawns and flower beds.

High carbon, shovel steel blade, riveted to malleable iron shank and socket. Blade and socket painted red. Straight heavy ash handle—length 4 feet.

Blade 7x4½ inches.

AB 7K—Weight per dozen 34 lbs.....Each \$0.35



SOCKET PATTERN

Sturdy and long lasting!

One-piece high carbon steel blade and socket. Upper part enameled red. Natural finish hardwood handle—length 4 feet.

Blade 7x5 inches.

AB 507—Weight per dozen 36 lbs.....Each \$0.65

One-half dozen in a bundle.

BARN SCRAPERS



IWANS

Pushes or pulls!

A handy tool for cleaning barns, poultry houses, hog lots, sidewalks.

High carbon shovel steel blade. Blue enamel finish. Malleable iron socket riveted to blade. Hardwood handle, 5 feet long, securely fastened in socket.

Blade 18x7 inches.

AB 200—Weight per dozen 64 lbs.....Each \$1.09

One-quarter 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.

SNOW PUSHERS

(OR SIDEWALK CLEANERS)

Use one of these handy tools for quick, clean removal of snow and ice from walks, paths, platforms and all hard flat surfaces. Excellent, too, for cleaning dirt, mud and refuse from sidewalks.



Extra Heavy

Combines best qualities of scraper and shovel!

High carbon steel blade, securely riveted to heavy wrought steel socket. Select hardwood handle 4 feet long, securely fastened in socket.

Blade 18x12 inches.

AB 988—Weight per dozen 70 lbs.....Each \$1.19



Curved Blade

Will push large quantity of snow.

A lighter weight pusher with high carbon 16-gauge steel blade, securely riveted to heavy wrought steel socket. Sturdy hardwood handle, 48 inches long, securely bolted to socket. Blade and socket painted green.

Blade 18x12 inches.

AB 518—Weight per dozen 60 lbs.....Each \$0.89

One-half dozen in a bundle.

POST HOLE AUGERS



SIMMONS

IWAN PATTERN

A guaranteed first quality tool for boring and digging post holes in hard or stony ground.

Blades riveted to malleable iron frame with three steel rivets. This prevents blades from spreading out of line and increases digging accuracy and speed.

Blue Lacquer Finish

Two blued steel split shovel-shaped blades—heavy gauge forged steel. Length 9½ inches, width 6 inches. Tubular iron handle—length 34 inches, diameter 1 inch. Natural finish hardwood cross bar 22 inches long. Length over all 46 inches.

Nos.	Each	Diameter		Weight
		Hole Bored,	Inches	Per
AY SA4	\$1.95	4		84
AY SA6	1.95	6		108
AY SA7	2.25	7		120
AY SA8	2.35	8		120

One-quarter dozen in a bundle.

POST HOLE DIGGERS

Here is a variety to suit every purpose and every type of soil!

KEEN KUTTER America's Finest



Digs fast and accurately.

Perfect construction and correct balance make it easy to handle.

Convenient graduation marks from 2 to 4 feet burned on handles.

Blades forged from high-grade 12-gauge crucible steel, with sharp cutting edge. Securely riveted to heavy shouldered malleable iron frame, double hinged on steel bolt, with closed handle sockets.

Select second growth straight ash handles 4 feet long, round with square lower ends bolted into iron sockets, 4 inches deep. Lower half of blades polished for easy digging and cleaning. Frame and top of blades black japanned.

Length blades 9 inches, width 5 inches. Will dig hole 6 inches in diameter.

AB K—Weight per dozen 144 lbs.....Each \$2.39

One-sixth dozen in a bundle.

AB KH—Digger Handles. Select ash, round with lower end square. Weight per dozen pairs 36 lbs.Per Pair \$0.69

AB KB—Digger Blades. High-grade crucible steel, japanned with polished points. Weight per single dozen 12 lbs.....Per Blade \$0.49

Packing—bulk.

LIGHTNING PATTERN



Shape of blades and total weight of this tool makes it a fast, easy digger!

High carbon 13-gauge steel blades bolted to heavy malleable iron frame. Hinged on heavy steel bolt. Best grade hardwood round handles, 4 feet long, riveted in the round malleable iron sockets. Graduation marks 2 feet, 3 feet and 4 feet embossed on handles and filled black. Frame and blades red enameled.

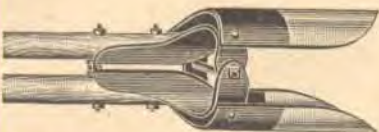
Length blades 9½ inches, width 4¾ inches. Will dig a hole 6 inches in diameter.

AB K2—Weight per dozen 135 lbs.....Each \$2.39

One-third dozen in a bundle.

AB K2H—Digger Handles. Best grade hardwood 4 feet long. Weight per dozen pairs 36 lbs.Per Blade \$0.59

Packing—bulk.



HERCULES PATTERN

Heavy malleable iron frame held together with a hinge bolt in wide bearings which

eliminates all side motion of handles. Extra heavy. High carbon steel blades, tempered and sharpened. Heavy second growth ash handles—length 4 feet. Points of blades polished for easy digging and cleaning. Blades and frame painted bright red.

Length blades 9½ inches, width 6½ inches.

AB H—Weight per dozen 110 lbs.....Each \$1.95

One-sixth dozen in a bundle.

AB HH—Digger Handles. Heavy second growth ash—length 4 feet. Weight per dozen pairs 36 lbs.Per Pair \$0.59

Packing—bulk.

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.



EUREKA PATTERN

Fourteen gauge forged steel blades

riveted under shoulder to malleable iron frame with wide bearing, hinged on steel bolt. Hardwood handles 4 feet long, round at top, squared at bottom, bolted to frame. Points of blades polished. Top of blades japanned.

Length blades 9 inches, width 4½ inches. Will dig hole 6 inches in diameter.

AY 30—Weight per dozen 96 lbs.....Each \$1.65

One-third dozen in a bundle.

AB 30B—Digger Blades. Forged steel japanned, with polished points. Weight per single dozen 12 lbs.Per Blade .49

AB 30F—Digger Frame. Castings, malleable iron, japanned. Weight per dozen 19 lbs...Each .49

AB 30H—Digger Handles. Hardwood, half round. Weight per dozen pairs 36 lbs.....Per Pair .59

Packing—bulk.



ATLAS PATTERN

Malleable iron frame, single hinged on steel

bolt. 14-gauge steel blades riveted on frame.

Round Hardwood Handles 48 inches long with lower ends squared and bolted to frame. Length blades 9 inches, width 4½ inches. Blades polished at lower end. Frame and upper part of blades japanned. Will dig a hole 6 inches in diameter.

AY A—Weight per dozen 108 lbs.....Each \$1.65

One-third dozen in a bundle.

DIGGER HANDLES—Hardwood, round with lower end square.

AB AH—Weight per dozen 36 lbs.....Per Pair \$0.59

Packing—bulk.



RUHMANN—ALL STEEL

Extra heavy hardened steel blades riveted directly to the flattened end of the solid square bars with top edge welded, preventing rivets from shearing off or becoming loose.

Round steel pipe handles are welded to solid steel square bars making digger very rigid and powerful. Handles lacquered red, blades bright blue.

***AB R**—Weight per dozen 200 lbs.....Each \$2.75

Packing—bulk.



CHAMPION

Red lacquered cylindrical blade 6 inches in diameter, welded to blue lacquered steel handle 49 inches long, ¾-inch in diameter. Forked at lower end. Length over all 62 inches.

AB CS—Weight per dozen 132 lbs.....Each \$1.79

One-quarter dozen in a bundle.

KEEN KUTTER AGRICULTURAL TOOL HANDLES

Seasoned Ash Handles at Prices That Save You Money!

Only selected second growth straight grained air dried northern ash is used in making **KEEN KUTTER** replacement handles. They are made sturdy and strong.

Fork, hoe and rake handles have a transparent weather-proof solution applied, producing a permanent white color

KEEN KUTTER handles may cost a trifle more than inferior grades but they will give you longer and more satisfactory service. It pays to buy the best.

HAY FORK

Bent

Black enameled steel tubular ferrule 10 inches long, gold bronzed cap. Square hole.

Used in Hay Forks Nos. AB KB304, AB KB304½; and will fit all similar hay forks.

Nos.	Each	Length, Feet	Doz., Lbs.
AB KHBS4	\$0.69	4	22
AB KHBS4½	.75	4½	24

Bent

Chucked and bored, without ferrule.

Used in Hay Forks Nos. AB KB304, AB KB304½; and will fit all similar hay forks.

Length 4½ Feet

AB KHB4½—Weight per dozen 22 lbs.....Each \$0.50

Boys' Bent

Strap ferrule, gold bronzed cap. Black enameled. Square hole.

Used in Hay Forks No. AB KYB304; and will fit all similar hay forks.

Length 4 Feet

AB KYBS4—Weight per dozen 18 lbs.....Each \$0.69

HEADER OR BARLEY FORK

Bent

Black enameled steel tubular ferrule, 10 inches long. Gold bronzed cap. Square hole.

Used in Header Forks Nos. AB KC304½, AB KC305, AB KH404, AB KH404½, AB KM404, AB KM404½; Grain Forks Nos. AB KD404, AB KD404½; and will fit all similar forks.

Nos.	Each	Length, Feet	Doz., Lbs.
AB KHFS4	\$0.69	4	25
AB KHFS4½	.75	4½	27
AB KHFS5	.79	5	29

MANURE FORK

Bent

Black enameled steel tubular ferrule 10 inches long. Gold bronzed cap, square hole.

Used in Manure Forks Nos. AB K404, AB K404½, AB K504, AB K504½, AB K604, AB K604½, AB KAM404½, AB KCM404½; and will fit all similar forks.

Nos.	Each	Length, Feet	Doz., Lbs.
AB KMBS4	\$0.69	4	25
AB KMBS4½	.75	4½	27

One-half or one 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.

that will not rub off—a smooth hard lasting finish that protects the life of the handle; all other handles polished and waxed.

The distinctive **KEEN KUTTER** gold foil label adds to the appearance of the handle and identifies it as strictly first quality.

ALFALFA FORK

Bent

Black enameled steel tubular ferrule, 10 inches long. Gold bronzed cap. Square hole.

Used in Alfalfa Forks Nos. AB KA404½; and will fit all similar forks.

Length 4½ Feet

AB KAFS4½—Weight per dozen 26 lbs.....Each \$0.75

GARDEN HOE

For Shank Pattern Hoes

Chucked and bored, without ferrule.

Used in Cotton Hoes No. AB KHC106½; Garden Hoes No. AB KS7; Strawberry Hoes Nos. AB KN6½, AB KN7½; Weeding Hoes Nos. AB K10, AB K20, AB KA; Cultivators No. AB KSC4; Potato Hooks Nos. AB K45 and AB S4R; Turf Edgers No. AB KTE40; and will fit all similar hoes.

Length 4½ Feet.

AB KGH—Weight per dozen 13½ lbs.....Each \$0.39

For Socket Pattern Hoes

Chucked but not bored.

Used in Garden Hoes Nos. AB KG20, AB KG206 to AB KG208 and AB KLG6 to AB KLG7, AB KSOA, AB KW7½; Garden Cultivators Nos. AB KHC3 and AB KHC5; and will fit all similar hoes.

Length 4½ Feet.

AB KSGH—Weight per dozen 16 lbs.....Each \$0.39

GARDEN RAKE

Chucked and bored, without ferrule.

Used in Garden Rakes Nos. AB KSB12 to AB KSB16; and will fit all similar rakes.

Length 5 Feet

AB KR—Weight per dozen 18 lbs.....Each \$0.45

One-half or one dozen in a bundle.

**IN SIMMONS
CAST IRON RANGES,
YOU FIND SUPERIOR
QUALITY AT A LOW PRICE**

KEEN KUTTER AGRICULTURAL TOOL HANDLES

Seasoned Ash Handles at Prices That Save You Money!

Only selected second growth straight grained air-dried northern ash is used in making **KEEN KUTTER** replacement handles. They are made sturdy and strong.

KEEN KUTTER handles may cost a trifle more than inferior grades but they will give you longer and more satisfactory service. It pays to buy the best.

LONG SHOVEL



REGULAR PATTERN

Not Chucked

Used in Dirt Shovels Nos. AB KLR2 and AB KLS2; and will fit all similar shovels.

AB KSL—Weight per dozen 27 lbs.....Each \$0.69

Heavy Steel D, Handle With Large Comfortable Wood Grip

One of the most popular metal tops because it is strong without excess weight, attractive in design, has a smooth surface and hand grip roomy enough for large gloved hand.

SHOVEL



Not Chucked

Used in Dirt Shovels

Nos. AB KDS2,

AB KDRL2, AB KDSL2; and will fit all similar shovels.

Length 29 Inches

AB KSS—Weight per dozen 18 lbs.....Each \$0.69

SPADE



Not Chucked

Used in Spades No.

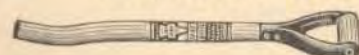
AB KSD2; and will fit

all similar spades.

Length 30 Inches

AB KSSS—Weight per dozen 16 lbs.....Each \$0.65

POST AND DRAIN SPADE



Not Chucked

Used in Drain Spades

Nos. AB K16, AB K18;

Post spades Nos. AB KD14 to AB KD18; and will fit all similar spades.

Length 30 Inches

AB KSPP—Weight per dozen 17 lbs.....Each \$0.65

One-half or one dozen in a bundle.

Heavy Steel D, Handle With Large Comfortable Wood Grip

One of the most popular metal tops because it is strong without excess weight, attractive in design, has a smooth surface and hand grip roomy enough for large gloved hand.

SCOOP



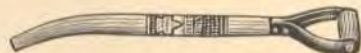
CHISHOLM PATTERN

Not Chucked

For all Scoops.

Length 28 Inches

AB KCDH—Weight per dozen 15 lbs.....Each \$0.65



For Scoops With

Small Tapered

Sockets.

Used in Grain Scoops Nos. AB KDW6 to AB KDW14; and will fit all similar scoops.

Length 30 Inches

AB KSDH—Weight per dozen 15 lbs.....Each \$0.69

One-half or one dozen in a bundle.

HEAVY FORK



For large, heavy

forks and scoops.

Extra strong. Sturdily constructed.

Specially patented pressed steel D handle with comfortable wood grip. 10-inch black enameled steel tubular ferrule. Gold bronzed cap.

Used in AB KBF7, AB K410, AB K412, AB K100, AB KB8, AB KB10; and will fit all other similar, Beet, Cottonseed, Kaffir Korn, Barley, Barn forks and Vegetable scoops.

Length 30 Inches

AB KCF—Weight per dozen 25 lbs.....Each \$0.95

One-half dozen in a bundle.

Polly-Prim

ALUMINUMWARE

DOES THE WORK WELL AND

Costs So Little

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

SIMMONS AGRICULTURAL TOOL HANDLES

Economical! Dependable!

Good quality northern ash handles air dried. Fork, hoe and rake handles have a transparent weather-proof solution applied, producing a permanent white color that will not rub off—a smooth hard lasting finish that protects the life of the handle; all other handles polished and waxed. Attractive foil label. Sturdily constructed. Quality second only to KEEN KUTTER handles.

HAY FORK



Straight

Chucked and bored, without ferrule.

Used in Hay Forks Nos. AB 305K, AB S304½ to AB S305½; handle No. AB SS4½ for sidewalk cleaners, Nos. AB 7K and AB K7; and will fit all other similar tools.

Nos.	Each	Length, Feet	Wt. Per Doz., Lbs.
AB SS4½	\$0.35	4½	20
AB SS5	.39	5	22
AB SS5½	.45	5½	24
AB SS6	.55	6	26



Bent

Chucked and bored, without ferrule.

Used in Hay Forks Nos. AB SB304 to AB SB305 and AB SCB404½, AB SCB405; and will fit all similar tools.

Nos.	Each	Length, Feet	Wt. Per Doz., Lbs.
AB SB4½	\$0.39	4½	20
AB SB5	.45	5	22
AB SB5½	.50	5½	27



Bent

Red enameled 8-inch steel tubular ferrule, gold bronzed cap. Square hole.

Used in Hay Forks Nos. AB SB304 to AB SB305, AB SCB404½, AB SCB405; and will fit all similar forks.

Nos.	Each	Length, Feet	Wt. Per Doz., Lbs.
AB SHB4	\$0.55	4	20
AB SHB4½	.59	4½	23
AB SHB5	.65	5	26

MANURE FORK



Bent

Chucked and bored, without ferrule.

Used in Manure Forks Nos. AB S404, AB S404½, AB S504, AB S504½, AB S604, AB S604½, AB SCM404½; and will fit all similar forks.

Nos.	Each	Length, Feet	Wt. Per Doz., Lbs.
AB S4	\$0.35	4	22
AB S4½	.39	4½	25



Bent

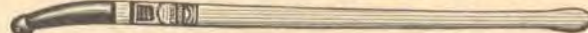
Red enameled 8-inch steel tubular ferrule, gold bronzed cap. Square hole.

Used in Manure Forks Nos. AB S404, AB S404½, AB S504, AB S504½, AB S604, AB S604½, AB SCM404½; and will fit all similar forks.

Nos.	Each	Length, Feet	Wt. Per Doz., Lbs.
AB SM4	\$0.55	4	24
AB SM4½	.59	4½	26

One-half or one dozen in a bundle.

HEADER OR BARLEY FORK



Bent

Red enameled 8-inch steel tubular ferrule, gold bronze cap, square hole.

Used in Barley Forks Nos. AB SX404½, AB SX405 and AB SX505; Grain Forks Nos. AB SD404 and AB SD404½; Header Forks Nos. AB SH404, AB SH404½, AB SM404, AB SM405, AB SM404½R; and will fit all similar forks.

Nos.	Each	Length, Feet	Wt. Per Doz., Lbs.
AB SHE4	\$0.55	4	23
AB SHE4½	.59	4½	25
AB SHE5	.65	5	27
AB SHE5½	.75	5½	28

ALFALFA FORK



Red enameled 8-inch steel tubular ferrule, gold bronzed, square hole.

Used in Alfalfa Forks No. AB SA404½; and will fit all similar forks.

Nos.	Each	Length, Feet	Wt. Per Doz., Lbs.
AB SAB4½	\$0.59	4½	24
AB SAB5	.65	5	26

One-half or one dozen in a bundle.

GARDEN HOE



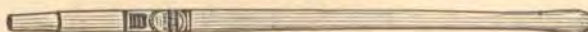
Chucked and bored, without ferrule.

Used in Garden Hoes No. AB SG10; Potato Hooks Nos. AB S40L, AB S50L, AB S50H, AB S4R, AB S5R; Weeding Hoes No. AB S102; and will fit all similar tools.

Length 4½ Feet

AB SGH—Weight per dozen 15 lbs.....Each \$0.35

LIGHT COTTON HOE



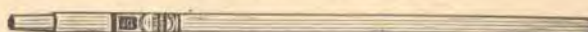
Chucked for socket hoes, not bored, without ferrule.

Used in Southern Meadow Hoes Nos. AB ST207 to AB ST210; Rakes Nos. AB OLC, AB S24; and will fit all similar tools.

Length 5 Feet

AB SLCS5—Weight per dozen 14 lbs.....Each \$0.35

REGULAR COTTON OR PLANTERS' HOE



Chucked and bored, without ferrule.

For Cotton Hoes.

Length 5½ Feet

AB SRCH—Weight per dozen 17 lbs.....Each \$0.45

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

SIMMONS AGRICULTURAL TOOL HANDLES

Economical! Dependable!

MORTAR HOE


Plain steel ferrule and cap. Bored.
Used in Mortar Hoes No. AB KMP10 and will fit all similar hoes.

Length 5½ Feet

AB S66—Weight per dozen 28 lbs.....Each \$0.59



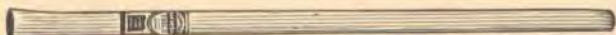
Chucked for socket hoes, not bored.

Used in Mortar Hoes AB KMO10; and will fit all similar hoes.

Length 5½ Feet

AB SO66—Weight per dozen 28 lbs.....Each \$0.49

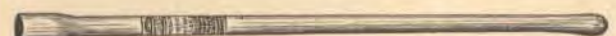
MATTOCK HOE



For Mattock Hoes No. AB KHM; and will fit all similar hoes.

Length 5 Feet

AB SMH—Weight per dozen 13 lbs.....Each \$0.69

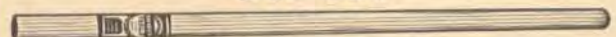


For No. AB KSQ3½ Southern Queen Mattocks; and all similar mattocks.

Length 5 Feet

AB SSQ5—Weight per dozen 15 lbs.....Each \$0.49

EYE HOE



Swell End

For No. AB SES Hoes Nos. KS00, KS0, KS1, 00, 0 and 1; No. AB SEL Hoes Nos. KS2, 2, 3, and 4; and will fit all similar hoes.

Length 5½ Feet

Nos.	Each	Diameter at Butt, Inches	Wt. Per Doz., Lbs.
AB SES	\$0.59	1¾	25
AB SEL	.69	2	27

For Garden Hoe No. AB KGH6; and will fit all similar hoes.

Length 4½ Feet

AB SLPH—Weight per dozen 19 lbs.....Each \$0.49

For Grub Hoes No. AB KGS4½; and will fit all similar hoes.

Length 4½ Feet

AB SLSH—Weight per dozen 19 lbs.....Each \$0.55

GARDEN RAKES



Chucked and bored, without ferrule.

Used in Garden Rakes Nos. AB S9014, AB S9016, AB SSB12 to AB SSB16; and will fit all similar rakes.

Length 5 Feet

AB SR—Weight per dozen 20 lbs.....Each \$0.35

One-half dozen in a bundle.

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SHOVEL AND SPADE



SPADE—Not Chucked

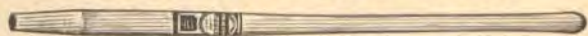
With slight double bend.

For all plain back Spades.

Length 54 Inches

AB SSL—Weight per dozen 21 lbs.....Each \$0.50

LONG SHOVEL AND SPADE



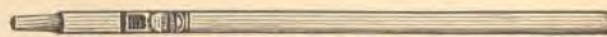
Light Weight Pattern

Without Shoulder, Taper to Fit

For Shovels and Spades Nos. AB KLISST14½, AB KLISST24½, AB SBPR2T, AB SLT2S, AB SLT2R, AB SIT14½, AB SIT24½; and all similar shovels.

Length 46½ Inches

AB SSSSL—Weight per dozen 18 lbs.....Each \$0.49



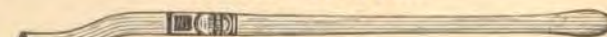
MAYNARD PATTERN

Chucked to fit socket of KEEN KUTTER, SIMMONS and Maynard Shovels and Spades; and Nos. AB KPR1 and AB KPR2 with solid socket.

Length 54 Inches

AB SML—Weight per dozen 26 lbs.....Each \$0.49

LONG SHOVEL



Not Chucked

With full double bend for plain back shovels.

Used in Dirt Shovels Nos. AB CLLR2, AB CLLS2, AB CLR1, AB CLR2B, AB CLS2B, AB KLLR2, AB SLLRT2, AB SSLST2; Irrigating Shovels Nos. AB SSLI2; and all similar shovels.

LIGHT WEIGHT PATTERN

Length 51 Inches

AB SLL—Weight per dozen 19 lbs.....Each \$0.50

Used in Dirt Shovels Nos. AB SSLRT2; and will fit all similar shovels.

REGULAR PATTERN

Length 54 Inches

AB SL—Weight per dozen 21 lbs.....Each \$0.50

One-half dozen in a bundle.

SHOVEL, SPADE AND SCOOP



CHISHOLM PATTERN

Not Chucked

Has a slight single bend, but sawed for further bending if desired.

For Faultless, Claybank and all other hollow back Shovels, Spades and Scoops.

Length 54 Inches

AB SCL—Weight per dozen 21 lbs.....Each \$0.50

One dozen in a bundle.

SIMMONS AGRICULTURAL TOOL HANDLES

ECONOMICAL! DEPENDABLE!

BARLEY FORK



I-D-L Pressed Steel D

Red enameled 8-inch steel tubular ferrule. Bored. Gold bronzed cap.

Length 34 Inches

AB SBF34—Weight per dozen 25 lbs.....Each \$0.89

MANURE FORK



I D L Pressed Steel D

Red enameled 8-inch tubular steel ferrule.

Gold bronzed cap. Bored.

For Manure Forks Nos. AB 40DK, AB 50DK, AB 60DK, AB SD40, AB SD50, AB SD60; and all similar forks.

Length 32 Inches

AB SMSD—Weight per dozen 21 lbs.....Each \$0.79

SPADING FORK



Wood D

Red enameled steel strap ferrule. Gold bronzed cap. Bored.

For Spading Forks No. AB KWD40; and all similar spading forks.

Length 30 Inches

AB SSF—Weight per dozen 25 lbs.....Each \$0.89



Wrought Steel D

Red enameled 8-inch steel tubular ferrule. Gold bronzed cap, bored. With ash grip blue lacquered.

Length 30 Inches

AB SSSF—Weight per dozen 25 lbs.....Each \$0.79



Wood D

Chucked and bored, without ferrule.

For Spading Forks No. AB KWD40 and all similar forks.

Length 30 Inches

AB SS—Weight per dozen 20 lbs.....Each \$0.65



I-D-L Pressed Steel D

Chucked and bored, without ferrule.

Used in Spading Forks No. AB SSD40 and all similar forks.

Length 30 Inches

AB SMSF—Weight per dozen 20 lbs.....Each \$0.59

One-half dozen in a bundle.

HEAVY FORK



Special Patented Pressed Steel D, Wood Grip

Red enameled 8-inch tubular steel ferrule. Gold bronzed cap. Bored.

For Beet Forks AB KBF7 and AB FBF7; Cottonseed Forks Nos. AB K410, AB K412, AB F410 and AB F412; Kar-fir Korn Forks Nos. AB K100, AB F100, and AB FF100; Barn Forks Nos. AB KB8, AB KB10, AB FB8 and AB FB10; Vegetable Scoop Forks Nos. AB FV10 and AB FV12; and all similar tools.

Length 30 Inches

AB SCF—Weight per dozen 24 lbs.....Each \$0.79

VEGETABLE SCOOP FORK



Special Patented Pressed Steel D, Wood Grip

Fitted with red enameled 8-inch tubular steel ferrule, gold bronzed cap. Bored. Will fit Vegetable Scoop Forks Nos. AB KV8, AB KV10; and all similar forks.

Length 29 Inches

AB SVD—Weight per dozen 24 lbs.....Each \$0.79

SHOVEL



Not Chucked Heavy Steel D, Large Wood Grip

Full double bend. To fit plain back Shovels.

For Shovels Nos. AB DR2KB, AB DS2KB, AB DR2KB, AB LDS2K, AB LDS4K, AB SCD2S, AB SSD2T; and all similar shovels.

Length 29 Inches

AB SD—Weight per dozen 18 lbs.....Each \$0.59

SHOVEL AND SPADE



Heavy Steel D, Large Wood Grip

Chucked to fit socket of SIMMONS solid shank, forged socket pattern Shovels.

For Shovels and Spades Nos. AB SCDT2, AB SDMT2, AB SDRT2 and AB SDST2; also for Maynard solid socket Shovels and Spades.

Length 24½ Inches

AB SSSSD—Weight per dozen 14 lbs.....Each \$0.49

Length 27 Inches

AB SSSSD27—Weight per dozen 16 lbs.....Each \$0.49

SHOVEL, SPADE AND SCOOP



CHISHOLM PATTERN Not Chucked Heavy Steel D, Large Wood Grip

Slight single bend, but sawed for bending further if desired. For Faultless, Claybank or other hollow back Shovels, Spades or Scoops.

For Scoops Nos. AB C, AB CDE2, AB CDE4, AY CDW6 to AB CDW14, AB CCOD1 to 3, AB CCOD10 to 30, AB SCS8, AB SCS10, AB SDG20, AB STW6 to 14; No. 2 Gold Bug Shovels; and all similar tools.

Length 28 Inches

AB S142S—Weight per dozen 16 lbs.....Each \$0.59

One-half dozen in a bundle.

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SIMMONS AGRICULTURAL TOOL HANDLES

ECONOMICAL! DEPENDABLE!

SPADE



With slight double bend to fit Iowa Pattern Spade No. AB KSR2.

Length 34 Inches

AB SV34—Weight per dozen 20 lbs.....Each \$0.65



REGULAR PATTERN

Not Chucked

Heavy Steel D. Large Wood Grip

With slight double bend to fit plain back spades. For Spades Nos. AB SCDT2, AB LSD2K, AB 2SDKB and AB KBS2; and all similar spades.

Length 30 Inches

AB SSD—Weight per dozen 17 lbs.....Each \$0.59

One-half dozen in a bundle.

POST AND DRAIN SPADE

Not Chucked



With medium double bend to fit post, drain or ditching spades.

For Spades Nos. AB SD14 to AB SD18, AB SPD14 to AB SPD20; and all similar spades.

Length 30 Inches

AB S146S—Weight per dozen 17 lbs.....Each \$0.59

SCOOP



Extra full single bend, to fit hollow back Scoops.

For Scoops Nos. AB KDG10, AB CDG20, AB CDR20, AB CDC20, AB CDW; AB KDW, Grain Scoop; and all similar scoops.

Length 30 Inches

AB SDS—Weight per dozen 17 lbs.....Each \$0.59

One-half dozen in a bundle.

Klicker AGRICULTURAL TOOL HANDLES

Attractive! Serviceable! Low Priced!

Good grade northern ash. Fork, hoe and rake handles have a transparent weather-proof solution applied, producing a permanent white color that will not rub off—a smooth hard lasting finish that protects the life of the handle; all other handles polished and waxed. These handles are specially designed to fit the tools. They are easily handled and adjusted. Be sure to select the correct handles for your tools. It will save you time, effort and money.

HAY FORK

Bent

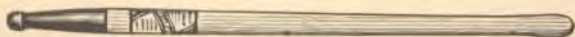


Fitted with silver bronzed 8-inch tubular ferrule and cap. Square hole.

Will fit all bent handle Hay Forks.

Nos.	Each	Length, Feet	Weight Per Dozen, Lbs.
AB 4HBK	\$0.45	4	18
AB 4½HBK	.49	4½	20
AB 5HBK	.55	5	22
AB 5½HBK	.59	5½	27

Straight



Fitted with silver bronzed 8-inch tubular ferrule and cap. Square hole.

Will fit all bent handle Hay Forks.

Nos.	Each	Length, Feet	Weight Per Dozen, Lbs.
AB 4½SHK	\$0.45	4½	23
AB 5SHK	.49	5	25
AB 5½SHK	.55	5½	27
AB 6SHK	.59	6	30

MANURE FORK

Bent



Fitted with silver bronzed 8-inch tubular ferrule and cap. Square hole.

Will fit all bent handle Manure Forks.

Nos.	Each	Length, Feet	Weight Per Dozen, Lbs.
AB 4MBK	\$0.45	4	24
AB 4½MBK	.49	4½	26

One-half or one dozen in a bundle.

HEADER AND BARLEY FORK

Bent



Fitted with silver bronzed 8-inch tubular ferrule and cap. Square hole.

Will fit all bent Header or Barley Forks.

Nos.	Each	Length, Feet	Weight Per Dozen, Lbs.
AB 4HFK	\$0.45	4	25
AB 4½HFK	.49	4½	27

MANURE FORK



Chucked and bored, without ferrule.

Will fit all shank pattern Manure Forks.

Length 4½ feet.

AB 4½CK—Weight per dozen 13 lbs.....Each \$0.33

GARDEN HOE



Chucked and bored, without ferrule.

Will fit all shank pattern Garden Hoes.

Length 4¼ feet.

AB GHK—Weight per dozen 15 lbs.....Each \$0.23

LIGHT COTTON HOE



Chucked and bored, without ferrule.

Will fit all shank pattern Cotton Hoes.

Length 5 feet.

AB 5LCHK—Weight per dozen 14 lbs.....Each \$0.25



Chucked but not bored, without ferrule.

Will fit all socket pattern Hoes.

Length 5 feet.

AB 5LCSK—Weight per dozen 14 lbs.....Each \$0.25

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Klicker AGRICULTURAL TOOL HANDLES

Attractive! Serviceable! Low Priced!

PLANTERS' HOE



Chucked and bored, without ferrule.

Will fit all shank pattern Planters' Hoes.

Length 5 feet.

AB PHK—Weight per dozen 14 lbs. Each \$0.25

SOUTHERN MEADOW HOE



TRINITY PATTERN

Chucked for and will fit all socket pattern Meadow Hoes. Without ferrule.

Length 5 feet.

AB THK—Weight per dozen 14 lbs. Each \$0.25

EYE HOE



Swell End—Diameter of butt 1 1/4 inches.

Will fit Eye Hoes Nos. AB KS00 and 00 series and all similar hoes.

Length 5 1/2 feet.

AB 1 1/4 ESK—Weight per dozen 25 lbs. Each \$0.49

GARDEN RAKE



Chucked and bored, without ferrule.

For Garden Rakes.

Length 5 Feet

AB GRK—Weight per dozen 14 lbs. Each \$0.25

LONG SHOVEL



REGULAR PATTERN

Not Chucked

With full double bend for plain back or socket strap shovels.

Length 54 Inches

AB LK—Weight per dozen 21 lbs. Each \$0.45

FEATHER WEIGHT PATTERN

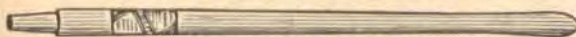
Chucked and Bent

For Dirt Shovel No. AB LHRK; and all similar shovels.

Length 48 Inches

AB 4K—Weight per dozen 18 lbs. Each \$0.45

SHOVEL AND SPADE



LIGHT WEIGHT PATTERN

Chucked But Not Bored

For Shovels and Spades Nos. AB SBPR1T, AB SLT2S, AB SLT2R, AB SIT14 1/2, AB SIT24 1/2, AB SHST2, AB CLI14 1/2 and AB CLI24 1/2; and all similar shovels.

Length 44 Inches

AB LSSK—Weight per dozen 15 lbs. Each \$0.39

One-half or one dozen in a bundle.

HEAVY FORK



Special Patented Pressed

Steel D With Wood Grip

For Beet Forks Nos.

AB KBF7 and AB FBF7;

Cottonseed Forks Nos. AB K410, AB K412, AB F410 and AB F412; Kaffir Korn Forks Nos. AB K100, AB F100 and AB FF100; Barley Fork No. AB SXD50; Barn Forks Nos. AB KBS, AB KB10, AB FB8 and AB FB10; Vegetable Scoop Forks Nos. AB FV10 and AB FV12; and all similar tools.

Silver bronzed 8-inch tubular ferrule and cap.

Length 30 inches.

AB OFK—Weight per dozen 25 lbs. Each \$0.75

One-half or one dozen in a bundle.

SPADING FORK



Wood D

Bored, with ferrule. Silver bronzed 8-inch tubular ferrule.

Length 32 inches.

AB 1SFK—Weight per dozen 25 lbs. Each \$0.79

SHOVEL

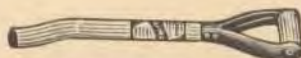


Not Chucked
Heavy Steel D, Large
Wood Grip

With full double bend. To fit all plain back or socket strap Shovels.

Length 29 Inches

AB DK—Weight per dozen 18 lbs. Each \$0.49



Chucked and Bent
Heavy Steel D, Large
Wood Grip

For Dirt Shovels Nos. AB DHRK and AB DHSK; and all similar shovels.

Length 26 1/2 Inches

AB DHK—Weight per dozen 21 lbs. Each \$0.55

SCOOP



Regular Scoop Bend
Heavy Steel D, Large
Wood Grip

For Grain Scoops Nos. AB CDW and AB KDW; Gravel Scoops AB CDG, AB KDG, AB CDR and AB CDC20; and all scoops with small tapered sockets.

Length 29 1/2 Inches

AB DSK—Weight per dozen 19 lbs. Each \$0.49

One-half or one dozen in a bundle.

Use
KEEN KUTTER
Cutlery and Tools

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

PENNANT AGRICULTURAL TOOL HANDLES

Serviceable and unusually low priced!
Made of good quality ash—smooth belted finish.

HAY FORK



Bent

Gold bronzed steel strap ferrule and cap, square hole.

Nos.	Each	Length, Feet	Weight Per Dozen, Lbs.
AB PHB4	\$0.35	4	20
AB PHB4½	.39	4½	23
AB PHB5	.45	5	26



Straight

Chucked and bored, without ferrule.

Nos.	Each	Length, Feet	Weight Per Dozen, Lbs.
AB PHC4½	\$0.19	4½	20
AB PHC5	.23	5	22

MANURE FORK



Bent

Gold bronzed steel strap ferrule and cap, square hole.

Nos.	Each	Length, Feet	Weight Per Dozen, Lbs.
AB PM4	\$0.35	4	24
AB PM4½	.39	4½	26

HEADER OR BARLEY FORK



Bent

Gold bronzed steel strap ferrule and cap, square hole.

Nos.	Each	Length, Feet	Weight Per Dozen, Lbs.
AB PHE4	\$0.35	4	23
AB PHE4½	.39	4½	25

One-half dozen in a bundle.

GARDEN HOE



Chucked and bored, without ferrule.

For Garden Hoes, Potato Hooks and Weeding Hoes.

Length 4½ feet.

AB PGH—Weight per dozen 15 lbs.....Each \$0.15

One-half dozen in a bundle.

COTTON HOE

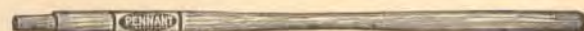


Chucked and bored, with gold bronzed plain ferrule.

For Cotton and Planters' Hoes.

Length 4½ feet.

AB PCPHE—Weight per dozen 15½ lbs.....Each \$0.19



Chucked and bored, without ferrule.

For Cotton and Planters' Hoes.

Length 4½ feet.

AB PCPH—Weight per dozen 15 lbs.....Each \$0.15

GARDEN RAKE



Chucked and bored, without ferrule.

Length 5 feet.

AB PR—Weight per dozen 20 lbs.....Each \$0.19

LONG SHOVEL



REGULAR PATTERN—Not Chucked

Length 54 inches.

AB PL—Weight per dozen 21 lbs.....Each \$0.35

One-half dozen in a bundle.

The Finest Quality Materials in **KEEN KUTTER**
Axes Combined with Splendid Workmanship
Make Them the Choice of Many Thousands

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

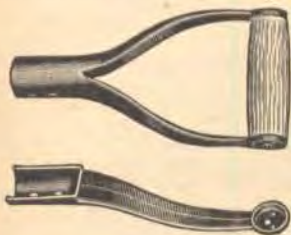
Replacement Parts for Agricultural Hand Tools

Designed just right to fit the tools for which they are made.

Good quality materials, sturdy and long lasting!

STURD-E STEEL D's

Correct handle top for use on short-handled shovels and spades where unusual weight or pressure is required. Strong, roomy and comfortable for the grip. Helps make rehandling easier. More economical as it can be removed from a broken handle and affixed to a new one.



Pressed steel. Black lacquered. Socket 2 inches long, 1½ inches inside diameter. Large, comfortable white ash wood grip. 4½ inches long.

AB TESD—Weight per dozen 6½ lbs. Each \$0.29

Packing—bulk.

MALLEABLE D's

Light Weight



Popular for farm tools because it is light but strong. Malleable iron, plain finish. Large, comfortable wood grip 4¾ inches long. Inside width 4 inches.

AB A—Weight per dozen 8 lbs. Each \$0.23

BOLTON & JOHNSON PATTERN

Heavy, All Iron



Extra heavy, designed for railroad tamping shovels. Length 6 inches. Inside width 3 inches.

AB BT—Weight per dozen 14 lbs. Each \$0.25

Packing—bulk.

I-D-L PRESSED STEEL D's



Roomy enough for a large gloved hand. Pressed steel, black lacquered finish. Length socket 2 inches, inside diameter 1½ inches. Comfortable black wood grip 4½ inches long.

AB IDL—Weight per dozen 9½ lbs. Each \$0.23

Packing—bulk.

Skilled Carpenters
Know and Prefer
KEEN KUTTER
SAWS

FERRULES



No. AB H



No. AB SH

Tapering

Stamped from heavy sheet steel, plain finish.

HOE

Cupped ends. Length 4½ inches. Largest diameter 1½ inches.

AB H—Weight per dozen 1½ lbs. Each \$0.10

RAKE

Cupped ends. Length 4½ inches. Largest diameter 1½ inches.

AB R—Weight per dozen 1½ lbs. Each \$0.10

HAY FORK

Strapped. Length 10 inches. Largest diameter 1½ inches.

AB SH—Weight per dozen 3½ lbs. Each \$0.15

MANURE FORK

Strapped. Length 10 inches. Largest diameter 1½ inches.

AB SM—Weight per dozen 4½ lbs. Each \$0.15

Packing—bulk.

FERRULE CAPS

For ends of ferrules.



Stamped from heavy sheet steel. Plain finished.

FOR HAY FORKS

Small. ⅞-inch in diameter.

AB HC—Weight per dozen ½ lb. Each \$0.05

FOR MANURE FORKS

Medium. 1¼ inches in diameter.

AB MC—Weight per dozen ½ lb. Each \$0.05

Packing—bulk.

SPADE STEPS



KINK

For Top or Bottom Tiling Spades

Heavy stamped steel. Width of step or lip ¾-inch. Length over all 4¼ inches.

No Bolts or Nuts Furnished

AB S—Weight per dozen 1½ 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.

GARDEN PLOWS

Save time and labor. Minimizes your cultivating tasks. Long lasting, sturdy, easy to use.

KEEN KUTTER All-Steel Adjustable

America's finest!
Heavy channel steel frame and handles, extra rigid and strong with malleable shaped grips, ventilated to prevent hands from perspiring or blistering. Selected steel wheel, diameter 24



inches with 1 1/4-inch tread, 8 staggered spokes, special hub and bright steel bushings. Can be adjusted both for pitch of tool and height of handles.

Finished in weatherproof paint—green and red. Red wheel. Polished attachments. Length over all 54 1/2 inches.

Complete with one 5-prong cultivator, one 4-inch shovel, one 2-inch shovel, one special solid moldboard, with landside and one malleable wrench.

AB K25—Weight each 23 1/2 lbs.....Each \$3.65

KLICHER

A strong, sturdy, substantial plow at a thrifty price. Has a wide range of adjustments for handles and attachments. Flat steel 1x1 1/4-inch frame. Good grade oak bent handles, for comfortable grip. Steel wheel, diameter 24 inches, with six spokes 1 1/4-inch convex rim. Runs in special steel bushings.



Frame painted green, black wheel, red handles, lacquered attachments. Length over all 42 inches.

Complete with 4-inch carbon steel shovel, 5-prong cultivator and malleable iron wrench.

AB 100SK—Weight each 18 1/2 lbs.....Each \$2.79

Knocked down, one in a bundle, wired.

CULTIVATOR ATTACHMENTS

INVINCIBLE FIVE-PRONG—ADJUSTABLE

Especially adapted for use with AB K25, AB SSG, AB SGP, and AB 100SK garden plows.

High-grade square steel prongs with forged blades at ends. Each prong held to frame in separate groove, so that one or more prongs can be removed, if desired. Use it for surface cultivation or for plowing to a depth of 3 to 4 inches. Works a strip of soil 9 inches wide. Painted black.



AB 1GC28—Weight each 2 1/2 lbs.....Each \$0.79

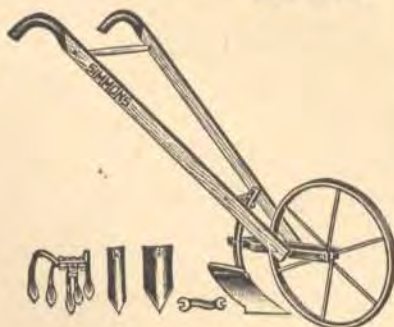
One-half dozen in a bundle.

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

SIMMONS

SOUTHERN GARDENER

Extra strong frame of 1x1 1/4-inch flat steel correctly shaped to permit wide range of adjustments. Strong oak, well varnished handles. Steel wheel, diameter 18 inches with 1 1/4-inch tread, six tangent spokes.



Runs on special steel bushing. Slightly convexed for easy operation in any soil.

Nicely finished. Red shank and brace. Green wheel arms. Black wheel and attachments.

Complete with one 5-prong cultivator, one 4-inch shovel, one 2-inch shovel, one extra strong moldboard and one malleable wrench.

AB SSG—Weight each 18 lbs.....Each \$3.49

Flat steel 1x1 1/4-inch beam, hook and handle brace, securely bolted. Selected oak handles reinforced at tips to prevent splitting. Waterproof varnish finish. Selected steel wheel, diameter 24 inches with 1x1 1/4-inch tread, with polished steel bushings. Can be adjusted both for



pitch of tool and height of handle.

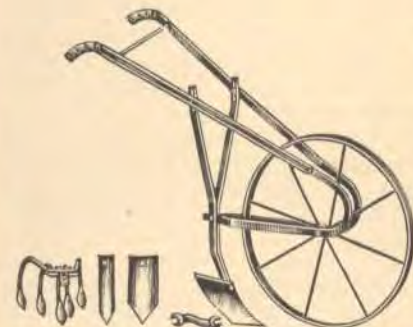
Attractively finished—red frame, black wheel, green grips and lacquered attachments.

Complete with one 5-prong cultivator, one 4-inch shovel, one 2-inch shovel, one moldboard and one malleable wrench. Length over all 53 inches.

AB SGP—Weight each 20 lbs.....Each \$3.29

Efficient all-purpose garden tool built for long service. Beautifully finished and well made of high-grade materials. Can be adjusted for pitch of tools and height of handles.

Channel steel frame, lacquered red, green and black. One-inch channel steel handles with malleable grips, lacquered green. Steel wheel 24 inches in diameter with 8 staggered spokes and flat rim tread 1 1/4 inches wide, enameled black. Attachments enameled black. Length over all 54 1/2 inches.



Complete with 1 moldboard plow with landside, 2 shovels—one 4 inches and one 2 inches wide, 1 five-prong cultivator and 1 wrench.

AB SSGP—Weight each 22 lbs.....Each \$3.29

Knocked down, one in a bundle wired.

GARDEN MULCHER AND CULTIVATOR



Showing Machine
in Mulching
Position

"BUSHNELL" GARDEN GROWER

A full size, sturdy machine for killing weeds, cultivating and mulching the soil quickly and easily.



Heavy wrought steel reel frame $8\frac{3}{4}$ inches, with eight 10-inch high carbon steel blades, sharpened. High carbon steel reversible weeding knife sharpened on both edges, and adjustable for depth. Lawn-mower-type varnished maple handle, with heavy cross bar, adjustable for height. Width of cut 10 inches. All metal parts finished in green and silver.

Complete With:

Cultivator—Five shovel type prongs $\frac{5}{8}$ inch square spring steel, securely bolted to drawbar. Cultivates full width of machine (10 inches). Prongs detachable and interchangeable.

Leaf Guards—Two-bar one-piece construction, oscillating, full-floating and detachable.

AB 10B—Weight each 18 lbs. Each \$5.75

One in a carton (assembled), handles shipped separate.

GARDEN CULTIVATORS



NEW IMPROVED EASY GARDEN RAISER

Provides a better, easier, faster way to care for the garden.

Kills all weeds, and thoroughly cultivates the soil and leaves it perfectly mulched.

Eight revolving blades chop the soil surface. A cutting blade just below the surface cuts through weed roots and soil. This combined action chops up all clods, cuts up the weeds, shakes off the dirt, leaving

them on top of the ground, to dry and die.

Frame made of rust-resisting galvanized steel. High carbon steel revolving cutters and double edge underground cutter. Heavy flat steel braces and handle brackets. Substantially constructed, well riveted and bolted. Hardwood handle, with cross bar, varnished in natural finish, length 40 inches.

Complete With:

Three well-crowned, correctly shaped high carbon steel shovels $7\frac{1}{2}$ inches long, for deep cultivation.

Two four-bar, permanently attached, reversible wire leaf guards.

Standard, Width $8\frac{1}{2}$ Inches

AB 8 $\frac{1}{2}$ —Weight each 19 lbs. Each \$5.25

Perfect, Width $10\frac{1}{2}$ Inches

AB 10 $\frac{1}{2}$ —Weight each 20 lbs. Each 5.75

Packing—bulk. Knocked down for shipment.

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GARDEN CULTIVATORS

NEW AMERICAN GARDENER With Permanent Attachments



Combines all the tools necessary to do the work required in present-day gardening—without back-breaking labor. It hoes, plows, mulches, pulverizes, cultivates! Height can be adjusted as desired for individual comfort. The 49-

inch hardwood handles, natural with green painted hand grips have a spread of 20 inches.

Frame and handle braces heavy wrought steel, painted green. Steel wheel, diameter 14 inches, tread $1\frac{1}{4}$ inches, with oval spokes painted black. Length over all $62\frac{1}{2}$ inches. All tools permanently attached to revolving center. The mulcher-pulverizer and adjustable cultivator teeth are fully assembled ready for use.

Complete With:

Thin blade polished scuffle hoe, width 9 inches.

Drill or trenching plow, length $4\frac{1}{2}$ inches.

Mulcher-pulverizer.

Five forged steel adjustable cultivator teeth.

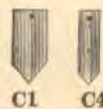
AB G2—Weight each 23 lbs. Each \$6.25

All metal parts in a wood box. Handles wired in pairs and wrapped in paper.

REPAIRS FOR GARDEN PLOWS



Nos. KH and
SKW



C1 C4



C2LP, C2LR

GARDEN PLOW WHEELS

Cast hub; tangent $\frac{1}{4}$ inch; round spokes; $\frac{1}{8} \times \frac{1}{4}$ inch rim; diameter $23\frac{1}{4}$ inches.

AB KW—For **KEEN KUTTER** Plow No. AB K25; 8 spokes; flat rim; red finish; weight each 5 lbs. Each \$1.20

AB SKW—For **SIMMONS** No. AB SGP and **KLICHER** No. AB 100SK Plows; 8 spokes; flat rim; black finish; weight each $4\frac{3}{4}$ lbs. Each \$1.15

GARDEN PLOW SHOVELS

Oil tempered steel, tumbled lacquered finish; length 8 inches.

For **KEEN KUTTER** No. AB K25, **SIMMONS** No. AB SGP and **KLICHER** No. AB 100SK Plows.

AB C1—4 inches wide; weight each $\frac{3}{4}$ lb. Each \$0.29

AB C4—2 inches wide; weight each $\frac{1}{2}$ lb. Each .25

GARDEN PLOW MOLDBOARDS

AB C2LP—For **KEEN KUTTER** Plow No. AB K25; one piece plow and landside; oil tempered steel; full polished Each \$0.65

AB C2LR—For **SIMMONS** Plow No. AB SGP; plow with landside; tempered steel, tumbled lacquered finish Each \$0.60

Weight each $1\frac{1}{4}$ lbs.

Packing—bulk.

SEED SOWERS

For Easy, Accurate Planting
Use These Time-saving Seed Sowers

The seed bag, of heavy white duck, has a wide tape shoulder strap, so that the sower may be carried comfortably. Seed or grain flows smoothly and with regularity—none wasted.



CAHOON

Just turn the crank as you walk and the sower will do the rest.

Japanned, sheet steel, tapering hopper 11 inches wide, 8½ inches long at top. Breast plate 11x10 inches; stamped brass distributing funnel with four partitions; front, diameter 5¼ inches. Adjustable large and small feed gates. Japanned malleable iron cast-

ings. Large driving gear 8 inches in diameter with hardwood handle; beveled intermediate gears. White duck bag laced to hopper easily removed for cleaning. Capacity of hopper 22 quarts.

AB 5—Weight per dozen 90 lbs.....Each \$5.85

Note—The breadth of cast will depend upon the weight of seed or grain, but ordinarily the cast will be as follows: Wheat or rye, 30 to 36 feet; barley, 27 to 33 feet; hemp, 27 to 30 feet; oats, 21 to 25 feet; clover, millet, alfalfa, hungarian, 20 to 24 feet; timothy, 15 to 18 feet; blue grass, 8 to 12 feet.

Packing—bulk.



CYCLONE DOUBLE FEED

For sowing alfalfa, clover, timothy and all other seeds that can be sown broadcast. Light running—good for many seasons. A strong fan sows seed from side to side and forward, evenly and without waste of seed.

Kiln-dried hardwood base, painted red. Cast-iron gearing and steel distributing wheel. Adjustable double feed,

with stop. Heavy steel wire crank with wood grip. The white duck bag is tacked to base. All metal parts black enameled. Capacity of bag ½ bushel.

AB 8—Weight per dozen 44 lbs.....Each \$2.59

One-sixth or one-fourth dozen in a carton.



TIN HORN Swing Funnel from Side to Side to Scatter Seed

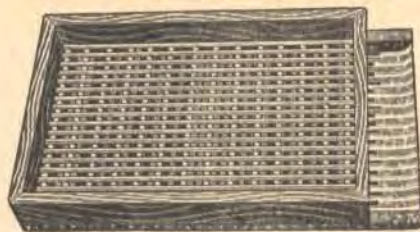
Select white duck bag 15½ inches long, 14 inches deep, with 11-inch extension or funnel of same material sewed to tin distributing funnel. The funnel

is in four joints; collapsible to 13½ inches or can be extended to 22 inches in length over all. Diameter at base 1¼ inches, at end ¾ inch. Adjustable feed gate in base or stub joint; tinned wire guards at opening. Entire seeder can be folded into space of about 11x2½x2 inches and carried readily in the pocket.

AB 9—Weight per dozen 8 lbs.....Each \$0.89

Wrapped in paper.
One dozen in a crate.

SEED CORN GRADERS



PERFECTION

Separates imperfectly formed kernels from the perfect ones, after corn is shelled. By simply agitating the grader, kernels are gently forced through a series of corrugated and perforated metal sheets, and separated into four grades. Capacity 6 to 8 bushels per hour.

Sturdy hardwood frame, painted red. Heavy galvanized bottom. A hinged frame on the top section permits kernels to pass out without turning grader over. There are two galvanized, corrugated and perforated screens, the lower one having transverse corrugation, which keeps the corn constantly moving. Dimensions of grader: Length 19 inches; width 11 inches; height 3¼ inches.

AB 1—Weight per dozen 63 lbs.....Each \$1.39

Packing—bulk.

CORN PLANTERS

TRIUMPH



Japanned sheet steel covered hopper connected to sliding feed channel which automatically and quickly drops the

seed into steel shoe 2¾ inches wide. Varnished hardwood uprights, securely bolted to wood grip handles. Length over all 34½ inches. Diameter hopper 2¾ inches, depth 9¼ inches.

AB T—Weight per dozen 51 lbs.....Each \$1.19

One dozen in a carton.

BUSH HOOKS

Serviceable, high quality tools for cutting bushes, clearing out underbrush, tree sprouts and thick shrubbery.

STRAP EYE PATTERN—WITH HANDLE

KEEN KUTTER

Medium Weight



Forged from high-grade steel, extra tempered. Gold bronzed, polished edge. Length of cut 10 inches, width of blade 3 inches, extreme width 6 inches. Fitted with extra quality 36-inch hickory handle.

AB K95—Weight per dozen 65 lbs.....Each \$2.19

One dozen in a wood box.

SIMMONS



One-piece high-grade forged steel blade and front eye, steel strap rear eye, bolted. Blade tempered, red enameled with polished cutting edge. Blade length 10¼ inches, width 2¾ inches. Good grade ivory lacquered hickory handle 36 inches long, with black lacquered tip.

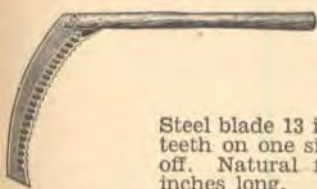
AB S175—Weight per dozen 48 lbs.....Each \$1.98

One-half dozen in a case.

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CORN HOOKS

• Well made of good materials.



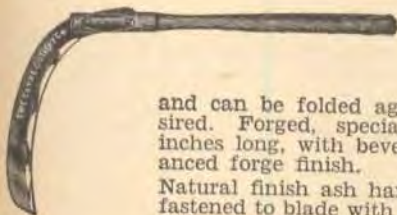
C. C. BROOKS

The teeth engage instantly on coming in contact with cornstalks and cut fast and easy.

Steel blade 13 inches long, with corrugated teeth on one side only that will not grind off. Natural finish hardwood handle 18 inches long.

AB CCB—Weight per dozen 12 lbs.....Each \$0.59

One dozen in a carton.



CLYDE— ADJUSTABLE

Blade adjustable to two positions, and can be folded against handle if desired. Forged, special steel blade 10½ inches long, with bevel ground edge, balanced forge finish.

Natural finish ash handle 18 inches long, fastened to blade with two bolts reinforced with steel felloe plate on each side.

AB 42—Weight per dozen 17 lbs.....Each \$0.35

One dozen in a wood box.

CANE KNIVES



STRAIGHT HOOK

High-grade spring steel polished blade, length 11¼ inches, 4¾ inches wide at end, 2¾ inches wide at handle. Hard-

wood handle secured with four steel rivets. Length over all 19¾ inches.

AB 12—Weight per dozen 12 lbs.....Each \$0.69

One dozen in a carton.

HOOKE-UP CORN KNIVES



The "hook-up" feature enables you to quickly pick up either lean-

ing or fallen stalks and does away with the tiresome stooping and gathering up by hand, before cutting. With this style blade it is possible to cut 25% more corn per hour, with considerable less physical effort, than with ordinary corn knife.

High-grade, heavy-gauge steel blade, tempered finish; two hooks on back; half tang natural finish hardwood handle fastened to blade with three steel rivets. Blade length 16 inches, 2¾ inches wide at front, 1½ inches at rear.

AB 1160—Weight per dozen 13 lbs.....Each \$0.49

One dozen in a carton.

CORN KNIVES

HARDENED, TEMPERED AND SHARPENED

Well made and nicely finished. Shank of blade extends 5 inches into handle and is secured by three iron rivets.



KEEN KUTTER

High-grade steel blade, full polished. Length 15 inches, width at front 3 inches. Varnished hardwood handle, length 6½ inches.

15 inches, width at front 3 inches. Varnished hardwood handle, length 6½ inches.

AB K89—Straight blade. Weight per dozen 12 lbs.Each \$0.45



SIMMONS

High-grade polished steel blade, length 15 inches, 3 inches wide at front. Natural finish hardwood handle, length 6½ inches.

15 inches, 3 inches wide at front. Natural finish hardwood handle, length 6½ inches.

AB SC—Curved blade.....Each \$0.39

AB SS—Straight bladeEach \$0.39

Weight per dozen 12 lbs.



KLICKER

Special steel blade, natural black finish. Length 15 inches, width at front 3 inches. Natural finish hardwood handle, length 6½ inches.

Length 15 inches, width at front 3 inches. Natural finish hardwood handle, length 6½ inches.

AB 2K—Straight blade. Weight per dozen 12 lbs.Each \$0.30

One-half dozen in a carton.



KLICKER

Carbon tool steel blade, temper finish. Length 16 inches, greatest width 3 inches. Natural finish shaped smooth wood handle, length 6½ inches.

Length 16 inches, greatest width 3 inches. Natural finish shaped smooth wood handle, length 6½ inches.

AB 2SK—Scimitar pattern. Weight per dozen 11 lbs.Each \$0.35

One dozen in a carton.



VILLAGE BLACKSMITH

Suitable for corn or light hedges. Forged cutlery steel blade, tempered, hand ground. Length 18 inches, width at handle 1½ inches, at tip 2 inches. Varnished maple handle fastened to blade with heavy steel rivets.

Forged cutlery steel blade, tempered, hand ground. Length 18 inches, width at handle 1½ inches, at tip 2 inches. Varnished maple handle fastened to blade with heavy steel rivets.

AB 2—Weight per dozen 15 lbs.....Each \$0.65

One dozen in a wood case.

Buy and Try Anything with the

KEEN KUTTER Trademark on It.

You'll Be More Than Pleased

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

BEET TOPPING KNIVES

Well constructed of high quality materials—will give long and satisfactory service.



CLYDE

Special cutlery steel 12-gauge polished blade. Through tang. Drop forged, tough steel hook 2½ inches long. Beechwood handle secured to shank with three brass saw rivets.

Nos.	Each	Length Blade, In.	Greatest Width of Blade, In.	Wt. Per Doz., Lbs.
AB 4024½H10	\$0.65	10	1½	8½
AB 4024½H12	.75	12	1½	9¾



CLYDE

Special cutlery steel 12-gauge polished blade. Through tang. Drop forged, tough steel hook 2½ inches long. Beechwood handle secured to shank with six steel rivets. Length blade 10 inches, greatest width 1½ inches.

AB 24½H10—Weight per dozen 8½ lbs.....Each \$0.60



Natural forge finish 12-gauge special cutlery steel blade. Through tang. Length blade 10 inches, greatest width 1½ inches. Flat forged steel hook 2½ inches long. Beechwood handle, length 5½ inches, secured to shank with six steel rivets.

AB 25—Weight per dozen 8 lbs.....Each \$0.55



Natural finish 12-gauge chill hardened steel blade with bright cutting edge. Through tang. Blade length 10 inches, greatest width 1½ inches. Drop forged steel hook 3 inches long, securely riveted. Beechwood handle fastened with six steel rivets.

AB 4½FFH10—Weight per dozen 6½ lbs.....Each \$0.45

One-half dozen in a carton.

OUR LINE OF FARM TOOLS IS COMPLETE

Send Us Your Orders

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

HEDGE KNIVES

KEEN KUTTER

The high quality material used in KEEN KUTTER hedge knives makes them stronger and more resistant to wear.



Two-hand style

A light weight, serviceable, long-handled knife, specially designed for cutting light, green hedges.

Concave blade forged from high-grade tool steel and accurately tempered. Natural black finish with polished cutting edge—length 16 inches, width 1½ inches. Selected hickory handle 20 inches long with steel ferrule. Tang of blade secured by two steel rivets.

AB K1620—Weight per dozen 20 lbs.....Each \$2.19

One dozen in a wood box.



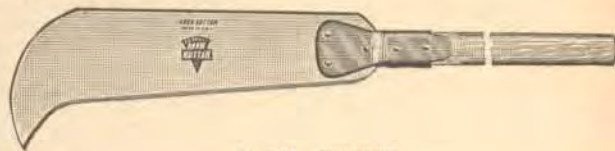
High-grade steel blade, 13-gauge, full polished and etched—length 17 inches, width at front 3 inches. Applewood handle, length 7 inches, secured with three rivets.

AB K41—Weight per dozen 15 lbs.....Each \$0.69

One-half dozen in a cardboard box.

DITCH BANK BLADES

For clearing weeds and brush from ditch banks . . . along railroad right-of-ways or any hillside where the pitch is too steep for a scythe. They are also ideal for certain types of tree trimming.



KEEN KUTTER

SOCKET PATTERN

Highest grade tempered and polished tool steel blade with curved end—length 21 inches, width 8 inches. Cutting edge length 19½ inches. Natural finish straight grained hardwood handle, length 49½ inches. Extra heavy steel gold bronzed socket. Blade riveted to socket and handle. Length over all 71 inches.

AB KDB—Weight per dozen 75 lbs.....Each \$2.19



Straight handle used on AB DB



Axe type handle used on AB DB42

ATKINS'

Silver steel 15-gauge polished blade—length 21 inches, width 7½ inches. Cutting edge 18 inches. Natural finish handle with steel plate on each side riveted on.

AB DB—With 48-inch straight beechwood handle.

Weight per dozen 60 lbs.....Each \$2.19

AB DB42—With 42-inch axe type hickory handle.

Weight per dozen 55 lbs.....Each 1.98

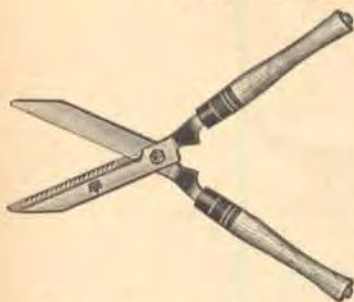
One dozen in a case.

HEDGE SHEARS

KEEN KUTTER

Serrated

The finest hedge shear made. Highest quality for faster, easier hedge trimming! Has saw tooth edge which keeps the twigs from slipping. New large bolt and nut holds the adjustment. Improved shaped handle gives a better grip and balance.



High-grade cutlery steel blades with long bevels and thin edge, hardened and tempered, hollow ground and beautifully polished. Top blade has sharp hooked teeth. Notch in blade for cutting large twigs and heavy branches. Natural colored varnished handles with red trim just above the steel ferrules. The tang extends through the entire handle and is bolted at end. Length blades 9 inches.

Length handles 10 inches. Length over all 22 $\frac{3}{4}$ inches.

AB KBT9S—Weight per dozen 36 lbs.....Each \$2.95

KEEN KUTTER

Serrated

America's finest!

Ideal for use on hedges of small and large growth.

The serrated lower blade makes cutting easy, holds as it cuts.

One-piece special forged steel blades, shanks and tangs. Blades 1 $\frac{1}{2}$ inches wide, hollow ground, hardened, tempered and polished.



Strong bolt and nut with shakeproof lock washer permits tension regulation. Round hardwood handles 10 inches long, walnut weatherproof finish, with brass-plated steel ferrule. Rivet through handles, ferrules and tangs.

Nos.	Each	Lgth. Blade, In.	Lgth. Over All, In.	Wt. Per Doz., Lbs.
AB K8S	\$2.59	8	21 $\frac{3}{4}$	33
AB K9S	2.79	9	22 $\frac{3}{4}$	35

SIMMONS

Sturdy, well constructed shears. Both blades notched for easier cutting of large twigs and shoots.

Forged steel blades and shanks—blades nicely polished, shanks natural finish. Heavy steel nut, bolt and split washer at joint.

Mahogany finish hardwood handles 10 $\frac{1}{4}$ inches long, with heavy steel ferrules riveted.



Nos.	Each	Lgth. Blade, In.	Lgth. Over All, In.	Wt. Per Doz., Lbs.
AB S8W	\$1.75	8	18 $\frac{1}{4}$	30
AB S9W	1.98	9	19 $\frac{1}{4}$	35
AB S10W	2.19	10	20 $\frac{1}{4}$	40

One-half dozen in a carton.

HEDGE SHEARS

KLICKER

Serviceable!

Economical!

Both blades notched for cutting large twigs and stems.

One-piece steel blade, shank and tang. Blades hollow ground, semi-polished finish—width 1 $\frac{1}{2}$ inches. Heavy bolt and nut with split washer. Round maple handles 10 $\frac{1}{2}$ inches long, natural Steel ferrules.



finish with green enameled tips.

Nos.	Each	Lgth. Blade, In.	Lgth. Over All, In.	Wt. Per Doz., Lbs.
AB 8K	\$1.00	8	22	33
AB 9K	1.29	9	23	35



TRUE-KUT

A fine shear with the new sliding draw-cut action. One-piece high-grade cutlery steel blades, shank and tang. Blades are hollow ground with long bevels and a highly polished finish. Lower blade is notched and serrated. Polished steel bolt and nut with lock washer. Slim pattern hardwood ebony finished handles with orange tips and orange stripes. Long steel ebony finished ferrules. Length of blade 9 inches. Length of handle 11 inches. Length over all 23 inches.

AB 1209—Weight per dozen 40 lbs.....Each \$2.49



Ladies' Light Weight

Smaller in size, lighter in construction, these shears are very handy for small trimming jobs. Economically priced.

Carbon steel blades 6 inches long—ground, bright finish. Red enameled hardwood handles, 7 inches long, with steel ferrules. Length over all 16 inches.

AB 06—Weight per dozen 18 lbs.....Each \$0.80

One-half dozen in a carton.

BOUQUET HOLDERS

SAVORY (CEMETERY VASES)

High-grade steel vase, water-tight and well constructed. Finished in weather-resisting green japan enamel. Vase 3 $\frac{3}{4}$ x 6 $\frac{1}{2}$ inches supported by a removable wire stem; sturdy prongs take a firm hold in ground. Height over all 10 $\frac{1}{2}$ inches.



AB 35—Weight per dozen 4 lbs.....Each \$0.10

Three 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.

PRUNER—TRIMMER



KEEN KUTTER

Finest quality! Saves you time and money in pruning work!

The right tool for orchard owner, nursery man, berry raiser or for general trimming around the home. Highest grade materials—strong, durable construction.

Cuts $\frac{1}{2}$ inch limb easily. A pull on the slide lever handle cuts the branch and the spring draws back the blade for the next cut.

Selected natural finish basswood $\frac{3}{4}$ inch square, with rounded corners. Two-piece high carbon tool steel hook, firmly riveted together. High carbon tool steel blade. Sides of hook extending down the pole $4\frac{1}{2}$ inches are firmly riveted. Hardwood slide lever handle. Round wire operating rod with spring to hold blade open. Length over all 51 inches.

AB KHP4—Weight per dozen 19 lbs.....Each \$1.00

One-half dozen in a bundle.

TREE PRUNERS

Keep your trees carefully pruned and trimmed—for their beauty and health. These tools will do the job correctly, and with the least expenditure of time and effort. Preferred by professional orchardists, foresters, farmers and nursery men.



KEEN KUTTER

America's finest! Operated by a lever connected to blade by a strong wire. Easily cuts one-inch branch-

es. Strictly first-grade materials throughout. Select hardwood pole, natural finish. Forged steel hook, painted red, firmly riveted to handle. Tempered forged tool steel draw cutting blade $4\frac{1}{4}$ inches long. Steel lever handle, painted red, extends clear through hardwood grip and end is riveted to prevent loosening. Clip in which handle works is bolted to pole. Length of lever handle 13 inches.

Nos.	Each	Length Over All, Feet	Weight Per Dozen, Lbs.
AB K110	\$2.15	10	52
AB K112	2.35	12	64

One dozen in a bundle, heads burlapped, handles wrapped in paper.

TIP TOP

This full 12-foot tree pruner can be set up and taken down easily and quickly. A pull on the rope cuts the branch and the spring opens the pruner for the next cut. Can be used as 4-foot, 8-foot or 12-foot pruner. Three-section pole is of light, strong airplane spruce, with simple, positive joints.

Heavy wrought steel hook, riveted to pole. Hardened and tempered cutlery steel blade. Steel operating lever with rod and spring. Handle stained green. All metal parts black enameled. Complete with braided white sash cord.

Full length 12 feet. Additional 4-foot sections can be purchased and added to pole if needed.

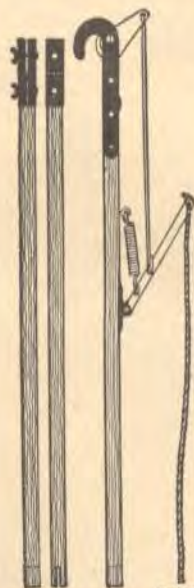
AB 1312—Complete. Weight per dozen 64 lbs.....Each \$2.50

One in a carton 48x5x1 $\frac{1}{2}$ inches.
One-half dozen in a case.

EXTRA POLE SECTIONS

AB 13S—Length 4 feet. For No. **AB 1312** tree pruners. Weight per dozen 17 lbs.....Each \$0.75

Two dozen in a carton.



PRUNING SHEARS

LONG HANDLE

Allows greater freedom in pruning trees, high-up limbs and shrubbery in places hard to reach.

KEEN KUTTER America's Finest



Curved blade and hook, forged from high-grade steel, tempered and polished. Ratchet tightening nut permits tension adjustment. Extra heavy steel

bronzed strap sockets. Hardwood handles, natural finish riveted through ferrule and tang. Length blade and hook $3\frac{1}{2}$ inches, length handles 24 inches, length over all 30 inches.

AB K30—Weight per dozen 42 lbs.....Each \$2.45
One in a paper bag.

REPAIRS FOR AB K30 PRUNING SHEARS

AB K30EH—Handle only. Weight each $1\frac{1}{4}$ lbs.Each \$0.60

AB K30BN—Ratchet, bolt and nut. Weight each $\frac{1}{8}$ lb.Each .60

Packing—bulk.

SIMMONS

High quality for long service!



HEAVY DUTY

Heavy steel curved blade and hook, length $3\frac{1}{2}$ inches, tempered and polished. Heavy steel bolt and nut at joint. Natural finish hardwood handles

with gold bronzed steel strap ferrules and caps. Length blade and hook $3\frac{1}{2}$ inches. Length handles 24 inches. Length over all $30\frac{1}{2}$ inches.

ABS 24—Weight per dozen 48 lbs.....Each \$1.95



Heavy curved forged steel blade and hook, length 3 inches. Offset shank. Heavy hinge bolt and nut. Varnished hardwood handles, with extra heavy steel bronzed strap sockets. Length blade and hook

3 inches. Length handles 20 inches. Length over all 23 inches.

ABS 20—Weight per dozen 41 lbs.....Each \$1.79

One dozen in a case.



CLYDE—DRAW CUT

The special construction of this shear produces a powerful sliding cut movement of the blade which cuts easily through thick, hard branches and twigs.

Forged tool steel blade, hook and shank held together with a hardened steel bolt and lock nut, with wearing washer under bolt head.

Natural finish, second growth Northern ash handles, reinforced with bronze lacquered pressed steel strap ferrules and caps. Length blade and hook $3\frac{1}{4}$ inches. Length handles 24 inches. Length over all 40 inches.

AB 540224—Weight per dozen 70 lbs.....Each \$3.45

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.

PRUNING SHEARS



BERNARD'S "LOPWELL"

Strong, sturdy with maximum shearing action.

Heat-treated tempered tool steel offset cutting blade, highly polished and uniformly beveled. Heat-treated tool steel hooked anvil. "Shakeproof" lock washer assembly. Tang extends 3 inches into handles. First-quality, tough, light weight ash handles with reinforced 10-inch strap ferrules. Length over all 26 inches.

Painted assorted colors: red, blue and green.

AB 7526—Weight per dozen 37 lbs. Each \$1.65

One-half dozen in a burlapped bundle.



ESSEX LOPPING

Ideal for use in orchard or garden. And the price is moderate. Tempered steel blade and hook, natural black finish, securely riveted to strong, unbreakable, green enameled

$\frac{3}{4}$ x $\frac{1}{2}$ inch flat steel handles. Natural finish wood grips, 5 inches long, riveted on. Large strong rivet at joint. Length handles 22 inches. Length over all 25 inches.

AB 3—Weight per dozen 38 lbs. Each \$1.10

One dozen in a carton.

KEEN CUTTER

REISER PATTERN

A rugged, high-quality, easy-cutting pruner. Preferred by experts for heavy duty work.

Drop forged steel, full polished. Specially tempered hook; high carbon tool steel blade riveted to frame, ground to assure a clean, easy cut. Ratchet adjustment. Flat brass double springs between handles. Clip for holding closed. Length over all 8½ inches.

Complete With One Extra Blade and Rivets

AB K200—Weight per dozen 13½ lbs. Each \$2.45

One in a box. One-half dozen in a carton.

EXTRA PARTS FOR No. AB K200 PRUNING SHEARS

AB KBS—Brass spring. Weight per dozen 6 ozs. Each \$0.29

AB KBRN—Bolt and nut. Weight per dozen 12 ozs. Each .29

AB KB—Blades. Weight per dozen 12 ozs. Each .39
Packing—bulk.



SNAP CUT

Rugged, powerful, durable, clean cutting. The thin, keen blade cuts onto a soft metal block with a

long shearing or drawing cutting action. Will cut ½ inch seasoned hardwood, ¾ inch greenwood and the smallest twigs and twine. Can be easily honed.

Special tool steel blades. Chromium finish steel non-pinching handles. Finger guard holds the hand in natural, comfortable position. Case hardened bolt with brass nut that will not rust tight to bolt. Spring lock washer, steel wire end fastening clip. Length over all 7¼ inches.

AB 119—Weight per dozen 8 lbs. Each \$1.95

One-half dozen in a display box, one-half dozen boxes in a carton.

PRUNING SHEARS

SIMMONS

High quality for long service!

CALIFORNIA PATTERN

Extra rugged and efficient.

Blade and handles of one-piece high-grade forged

steel. Polished head and blades. Red enameled handles with black ends. Equipped with double flat brass springs and ratchet nut. Spring wire clip on end holds blades together when not in use. Length over all 9 inches.

AB S89—Weight per dozen 11½ lbs. Each \$1.19



Blades and handles one-piece high-grade forged steel. Blade and head polished. Handles enameled red.

Quick-acting volute spring. Plain nut and bolt at joint. Spring wire end clip. The blades are carefully ground and tempered and can be resharpened. Length over all 9 inches.

AB S505—Weight per dozen 10½ lbs. Each \$0.89



Heavy malleable iron handles and hook. Polished hook. Red and black enameled handle. Hardened, tempered, polished

ished steel blade riveted to head. Plain nut and bolt at joint. Quick-acting volute spring. End catch to hold handles together. Length over all 9 inches.

AB S50—Weight per dozen 12 lbs. Each \$0.69



Heavy malleable iron handles and hook. Hardened and tempered polished steel blade, riveted to head. Plain nut and bolt at joint. Quick acting

volute spring. Green enameled handles. End catch for holding handles together. Length over all 9 inches.

AB S60—Weight per dozen 12 lbs. Each \$0.59

One in an individual box. One-half dozen in a carton.

Serviceable! Practical! Low Priced!



Blades and handles one-piece solid forged steel. All red enameled with polished cutting edge.

Plain nut and bolt at joint. Quick acting volute spring. Spring wire end clip for holding handles together! Length over all 9 inches.

AB S501—Weight per dozen 11½ lbs. Each \$0.49

One-half dozen in a carton.



A light weight, serviceable pruner at a surprisingly low cost! Just the tool for odd pruning jobs about the yard and garden.

Cast-iron handles, green enameled finish. Hardened bright steel blade riveted on. Plain nut and bolt. Quick-acting volute spring. Wire catch between handles. Length over all 9 inches.

AY 225—Weight per dozen 9 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.

FLOWER SHEARS



ACME GARDEN CLIPPER

Snips the flower and holds it as it cuts without injury to stem! Protects the hands from thorns, scratches and cuts. Has nickel-plated steel flower holding device with knurled edge actuated by tempered spring steel wire. Automatic in operation—will not get out of order. High-grade forged steel. Length 6¾ inches. Improved jaws 1½ inches. Durable, lustrous nickel finish. Flower green enameled rustproof handles.

AB 750—Weight per dozen 4¼ lbs.....Per Pair \$0.49

Each pair in an envelope. One dozen in an attractively colored display carton.

GRASS SHEARS



KEEN KUTTER

Finest quality shear steel blades, hardened, tempered and finely polished. Cutting edge 5½ inches. Refined malleable iron handles, orange and black enameled

finish. Tempered coil spring. Nickel-plated steel latch between handles. Length over all 12½ inches.

AB K09—Weight per dozen 11 lbs.....Each \$0.89

One dozen in a carton.



SIMMONS

For quick, easy cutting.

Oil tempered hollow ground cutlery steel blades, natural finish outside,

bright ground finish inside. Cutting edge 5½ inches. Coppered steel wire coil spring. Green enameled malleable iron handles. Coppered steel wire latch between handles. Length over all 12½ inches.

AB S8—Weight per dozen 13 lbs.....Each \$0.49

One-half dozen in a carton.



CRONK

Carbon steel blades, riveted to smoothly finished green enameled cast handles. Tempered coil

spring; catch between handles. Cutting edge 5½ inches, length over all 12½ inches.

AB 519—Weight per dozen 10 lbs.....Each \$0.29

One dozen in a carton.

GRASS SHEARS

KEEN KUTTER

America's finest!



LEVEL CUT

Makes grass cutting easy. They have an easy-cutting motion with arm and hand in

comfortable, natural position. One blade is stationary, the other movable.

Movable blade correctly placed for greatest leverage and is operated by a side-arm connected to lower handle.

Unbreakable coil spring in handle adjusts tension of blades to suit any hand, cone-shaped pivot spring keeps proper tension on blades. Highest quality materials carefully assembled and adjusted to give the most satisfactory results.

High carbon steel hollow ground forged blades, hardened, tempered and nicely polished. Cutting edge 4 inches. Green enameled handles. Cadmium finish side-arm and tension springs. Length over all 10¾ inches.

AB K37—Weight per dozen 17 lbs.....Each \$0.98

One in a cardboard box.

Handles fit the hand with a natural grip and are offset to prevent skinning of knuckles. Spring tension washer keeps shears in permanent adjustment.



SNIP-IT

A handy tool for trimming edges and borders along walks and around shrubbery. Up and down motion allows natural

hand and arm position at all times.

Blades are case-hardened steel, mottled finish. Wrought steel frame and handles with pinchproof extension. Tilting toggle stud makes shears self-sharpening. No adjustments required. Semi-loose assembly reduces friction. Length cutting blades 4½ inches. Length over all 10½ inches.

AB 1—Weight per dozen 14 lbs.....Each \$0.98

One in a carton. One-half dozen in a corrugated shipping container.



SIMMONS

SINGLE BOW

Fast cutting, high quality shears, one piece—nothing to adjust. Straight blades, trowel shanks and

strong, flexible spring tempered bow forged from one piece of steel. Tempered, set and sharpened steel blades, with polished face and half polished back. Polished grips.

Length blades 5½ inches. Length over all 13 inches.

AB S93—Weight per dozen 9 lbs.....Each \$0.49

One-half dozen in a carton.

EXPERIENCED HOUSEWIVES

go for

Colly Prim

KITCHENWARE

LAWN WEEDERS

DOO-KLIP

This very practical weeder can be operated effectively from an erect position without injury to the turf. Positively removes weeds quickly, easily, and accurately whether lawn is wet or dry.



All-steel construction. High carbon cold-rolled steel blade and raker hook, tempered and case hardened. Blade is serrated and curved to facilitate entering and cutting root. Pinchproof grips mounted on 32-inch seamless tubular steel handle.

Both grip and handles are jade green enameled. Blade and raker hook in Udyllite rustproof and acidproof finish. Each weeder equipped with slip cover over the head. Length over all 41 1/2 inches.

AB DKW—Weight per dozen 28 lbs. Each **\$1.75**

One-half dozen in a carton.

TURF EDGERS



SIMMONS

SHANK PATTERN

Edges around walks, drives and flower beds can be kept carefully trimmed with this handy turf edger. Circular blade has sharp cutting edge that penetrates the soil and turf easily. Flanged flat top makes comfortable foot step when pressure is required for thick sod or hard packed soil.

Polished rounded blade, with flanged flat top. Bronzed round end steel ferrule, gold bronzed cap. Handle selected straight ash, polished and lacquered. Width cut 9 inches, depth blade 5 inches.

No.	Each	Length Handle, Feet	Wt. Per Dozen, Lbs.
AB STE40	\$0.85	4	32

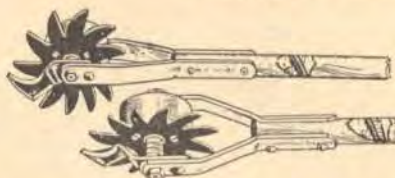
One dozen or one-half dozen in a bundle. Heads and handles wrapped in paper.

KEEN KUTTER

Quality Saves You
Time,
Effort and Money

LAWN EDGERS

MULTI-SHEAR



This is a handy tool to remove grass around walks and curbs easily and with little effort. Cuts with a shearing action. Cutter very

sturdily constructed. Hardened 16-gauge steel blade, 5 1/2 inches diameter, with twelve shearing teeth, bolted to accurately machined heavy cast iron rubber-tired pulley. Hardened steel stationary side cutter blade, 12-gauge, bolted to frame with heavy steel spring to keep correct shearing tension. 2 3/4 x 3/8-inch cap bolt, with 1/2 x 1 1/4-inch cold rolled steel spacer and bearing. Blue and red finish head. Natural finished hardwood handle, with 2 coats of shellac. Length 40 inches.

AB 175MS—Weight per dozen 50 lbs. Each **\$1.69**

One-half dozen in a wood box.

PERFECTION

Makes the edging of lawns as simple as mowing. Cuts clean and straight and does the work much faster than ordinary edgers.

• It cuts with a shear-like action.

• Its circular, saw-toothed blade rips through the grass and sod very easily.

• Another sharp blade cuts with razor smoothness.

Round saw-toothed tool steel blade, 5 inches in diameter. With sharpened tool steel shank. Blade 1 1/4 inches wide. Guide flange 3/4 inch wide. Depth of cut 1 1/2 inches. Blue painted wood handle 40 inches long.



AB PLE—Weight per dozen 23 lbs. Each **\$0.79**

One dozen in a bundle.

LAWN EDGER AND WEEDER



Cuts a beveled trench 1 1/2 inches deep along the edge of sidewalks, driveways and flower beds. Cuts trench wide enough to allow wheels of a lawn mower to run in it

and cut grass as close as desired. Cuts a better channel when the ground is slightly damp. Can also be used as a weed extractor by placing point of blade close to root. Push down as deep as desired and pry out root.

Steel blade natural finish, varnished—cutting edges tempered and sharpened. Depth of channel gauged by flat side of blade 1 1/2 inches wide resting on edge of walk. Varnished hardwood handle 39 inches long, with wood grip and malleable D handle, riveted into malleable iron socket. Blade length 12 inches. Mouldboard, height 3 1/4 inches. Length over all 48 inches.

AB FL—Weight per dozen 35 lbs. Each **\$1.35**

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.

WEED CUTTERS

KEEN KUTTER
America's Finest



Diamond-Shaped Cutting Edge

The cutter blade is composed of a double row of binder blade sections having diamond-shaped cutting surface that insures a slicing stroke. Sharp serrations on blades add the action of a saw to the keen edge. Blade sections easily removed for sharpening or replacing when necessary.

Blade sections are oil tempered, soft-center steel, giving a hard cutting edge and a tough center to prevent breaking. Each section secured to bar with bolts, nuts and lock washers. Yoke is alloy steel,

rounded channel formed into an arch. Smooth finish, selected ash handle shaped to fit grip. All parts held by bolts, nuts and lock washers. Yoke and bar red enameled. Length cutting edge 12 inches. Length over all 41 inches.

AB KL125—Weight per dozen 42 lbs.....Each \$1.25

Packing: Blade covered with wood guards, wired. Handle protected by heavy kraft paper tube.



Serrated Concave Blade

Exceptionally well adapted for cutting weeds, bushes and grass with little effort and no back bending. Double edge blade cuts on forward or backward stroke.

High-grade heavy forged steel detachable blade, oil tempered, size 14x3 inches. Wrought steel oval arms, fire bronze finish, bolted to blade and handle. Straight grained, clear lacquered hickory handle 31 inches long. Length over all 41 inches.

AB KWCS—Weight per dozen 44 lbs.....Each \$0.98

One-quarter dozen in a bundle.

EXTRA BLADES FOR WEED CUTTERS

For No. AB KWCS weed cutters.

Serrated concave blade, 14½x2½ inches, oil tempered.

AB KWB—Weight per dozen 6 lbs.....Each \$0.65

Packing—bulk.



Klicker

Cuts weeds easily, efficiently. Light in weight, properly balanced, easy to swing.

Double lock blade cuts on forward or backward stroke. High-grade black finish steel blade 12x2¼ inches, sharpened on

both edges. Green enameled wrought steel oval braces riveted to natural finish hardwood handle 23½ inches long. Length over all 40 inches.

AB 85K—Weight per dozen 27 lbs.....Each \$0.69

One-half dozen in a crate.

WEED CUTTERS

LIVELY LAD

For cutting weeds, grass, bushes, etc. Cuts easily both ways and without back bending or undue exertion. It is light, strong and durable.

Frame and handle, second growth ash in natural finish. High-grade saw steel double edge blade, 12 inches long, 2½ inches wide. Length over all 36 inches.

AB LL—Weight per dozen

32 lbs.Each \$1.10

One-half dozen in a crate.



KELLY PERFECT

Double edge blade cuts easily and efficiently on both right and left stroke.

High-grade forged steel detachable blade 14½x2½ inches, oil tempered. Blue enameled wrought steel oval braces bolted to blade and handle. Mahogany finish hardwood handle, length 31 inches. Length over all 41 inches.

AB 26P—Weight per dozen

44 lbs.Each \$0.98

SEYMOUR

High carbon steel double edge blade 14½x2½ inches, with extra long bevel, gold bronzed finish. Bolted to heavy steel brackets. Easily detachable for sharpening. Select northern ash handle natural finish, sanded and waxed. Shaped for easy comfortable grip. Length 35½ inches. Brackets lacquered bright red.

AB 10S—Weight per doz.

36 lbs.....Each \$0.79



One-quarter 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.

GRASS HOOKS

KEEN KUTTER



This hook is made of finest quality material and is expertly finished. It is light in weight, scientifically balanced, has offset handle to protect the hand and is easily resharpened when necessary.

One-piece high-grade forged steel double bevel blade, offset and tang. Tang extends half-way into handle and is secured by two large brass rivets. Blade full polished with lower section and offset enameled. Cocobolo handle, 5 1/4 inches long. Width blade 1 1/2 inches. Length from point to tang 11 1/4 inches.

AB KPC75—Weight per dozen 9 lbs. Each \$0.75

SCYTHE PATTERN

Ribbed back blade screwed to bent offset shank. Ribbed hardwood handle. Blade may be folded against handle by removing bolts.

Highest grade forged steel blade, cutting width 12 1/2 inches, with green enameled upper web. Green enameled back. Red enameled ridged drop forged steel shank, 7 1/2 inches long.

Black rubberoid finish, extra grade handle, 5 3/4 inches long.

AB K1—Weight per dozen 12 lbs. Each \$0.69

TROWEL SHANK

High-grade forged steel blades, tempered and polished, ground and honed, sharpened ready for use.

Natural finish hardwood handle 6 inches long. Width blade 1 1/2 inches.

Length 11 inches from point to shank. Shank extends into handle 3 1/4 inches and is fastened with two steel rivets.

AB KKB—Weight per dozen 10 lbs. Each \$0.55

One dozen in a carton.

SIMMONS

Economical! Dependable!



SCYTHE PATTERN

High-grade cutlery steel blade polished on upper side, natural finish on under side. Length 12 inches. Red enameled drop forged steel shank, length 7 inches. Corrugated black enameled wood handle, 5 inches long.

Nickel-plated ferrule. Shank tang extends through handle and is firmly riveted.

AB SJ—Weight per dozen 12 lbs. Each \$0.49

One-half dozen in a box.

SICKLE PATTERN OFFSET HANDLE

Special steel blade, tempered and sharpened. Walnut stained wood handle, 6 inches long. Length from point to shank 11 inches. Trowel shank securely fastened to handle with three steel rivets.

AB SGB—Weight per dozen 8 lbs. Each \$0.35

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.

GRASS HOOKS

KLICKER

Serviceable! Low priced!



Heavy cold rolled steel blade, natural finish, 11-inch cut. Spot welded to 7-inch round steel japanned shank, which extends into handle and is rigidly secured. Oak wood grip, hammer handle shape, 5 1/4 inches long.

Enameled assorted colors: Red, green and orange.

AB 3K—Weight per dozen 10 lbs. Each \$0.25

One dozen (4 each with Red, Green and Orange handles) in a carton.



High carbon tool steel blade, black finish, with ground polished cutting edge, length 14 1/2 inches, with offset section attached to hardwood handle by two rivets. Handle and offset enameled orange. Length 5 1/2 inches.

AB 25K—Weight per dozen 7 1/2 lbs. Each \$0.23

One dozen in a carton.

LITTLE GIANT

A high-grade cutter that will give long service.

Forged steel blade, 12 1/2-inch cut, with blue enameled upper web and back. Red enameled ridged drop forged steel shank, 7 1/2 inches long. Black rubberoid finish, extra grade handle, 5 3/4 inches long.

AY GH—Weight per dozen 12 lbs. Each \$0.59

One-half dozen in a carton.



GERMAN BLUE BLADE

These thin blade imported grass hooks well made and nicely finished are in demand in some sections of the country. Fully warranted.

High-grade German blue steel blade, 16 inches long, 1 1/4 inches wide. Natural finish wood handle.

AB OG—Weight per dozen 5 1/2 lbs. Each \$0.65

Twenty-five dozen in a case.

EXTRA GRASS HOOK BLADES

FOR Nos. AB K1 AND AY GH GRASS HOOKS

KEEN KUTTER



Highest grade forged steel, with green enameled upper web and green back. Length of cut 12 1/2 inches.

AB K10B—Weight per dozen 2 1/2 lbs. Each \$0.39

Packing—bulk.

GRASS HOOKS



KEEN KUTTER—America's finest

SCYTHE PATTERN—LONG HANDLE

Allows free, wide swing, cuts fast and easily, prevents back strain and cramped arms and legs.

Blade has turned-up back, with stiffening bead in web for greater endurance. Two-section pressed steel shank riveted to handle and bolted to blade with three bolts, permitting easy removal of blade for grinding.

Highest grade forged steel blade, length 12½ inches, with green enameled upper web and green enameled back. Red enameled handle socket. High-grade, straight grained ash handle with red enameled end. Length 44 inches.

AB KGH—Weight per dozen 18 lbs.....Each \$0.98

One-half dozen (assembled) in a box.

EXTRA BLADES—FOR GRASS HOOKS NO. AB KGH

Highest grade forged steel blade, length 12½ inches.

AB KGHB—Weight per dozen 3 lbs.....Each \$0.49

Packing—bulk.



KLICKER

Serviceable! Low Priced!

SCYTHE PATTERN

Permits using a wide swing in standing position. No strained back or aching legs.

High quality tempered steel beaded blade 13½ inches long with ground and polished bevel. Heavy malleable iron shank bolted to blade. Natural finish ash handle 30 inches long with steel ferrule. Blade, shank and ferrule black finish.

AB 75K—Weight per dozen 16 lbs.....Each \$0.69

One-half dozen in a bundle.

SCYTHOOK



NOWATOCO

This practical tool is larger than a grass hook but smaller and lighter than a scythe and snath, for cutting light bushes, weeds and grass.

Natural finish 15-gauge oil tempered sheet steel blade, 15 inches long, 3 inches wide at heel, with turned-up back and stiffening head in web. Cutting edge ground sharp and polished. Two-section pressed steel shank riveted to handle and bolted to blade with three bolts. Easily removed for grinding. Complete with straight hardwood handle, 4½ feet long, with nib attached for handhold.

AB 125SH—Weight per dozen 56 lbs.....Each \$1.45

One dozen in a wood box.

GRASS CUTTERS

KEEN KUTTER

Does excellent work with little exertion! Cuts on forward and backward stroke! Easy to swing! Very handy to use along walls and fences. Made of the finest materials and attractively finished.

Serrated edge

Highest grade forged steel, double edged serrated blade, length 9½ inches, width 1½ inches. Securely riveted to black enameled ⅝ inch wrought steel shaft. Polished and waxed hardwood handle, 14 inches long. Long steel ferrule. Length over all 40 inches.

AB KS100—Weight per dozen 16 lbs.....Each \$1.00

One-half dozen in a carton.



KLICKER

Practical! Economical! This double-edged grass cutter is ideal for cutting long grass and weeds. Cuts on forward and backward stroke and does excellent work without much exertion.

Tempered steel, bright finish, double-edged blade, length 8½ inches, securely riveted to shank. Round steel maroon enameled shank, diameter ⅞ inch. Heavy hardwood handle, 8 inches long, with blue painted tip. Length over all 38½ inches.

AB 65K—Weight per dozen 18 lbs.Each \$0.65

One-half dozen in a carton.



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.

SCYTHE SNATHS

STA-TITE—BACK SAVER

These snaths are equipped with the new and improved back saver heel plate so constructed and attached that it eliminates stooping and makes mowing considerably easier.

Body is selected second growth northern ash, with fine grade certified malleable iron fittings. Maple nib handles.



For All Standard Weed, Bush and Grass Scythes

Extra strong and sturdy, properly balanced for light or heavy mowing. Extra heavy fittings. Full strength wood, reinforced. **Sta-Tite fastening** encircles clamp and shank with a tight, immovable hold. Length over all 60 inches.

AB 300—Weight per dozen 51 lbs.....Each \$1.95



For Grass Scythes

Strong, sturdy, properly balanced. Heavy fittings. Full strength wood, reinforced.

Improved loop bolt fastening for maximum holding power. Length over all 60 inches.

AB 50/IBS—Weight per dozen 48 lbs.....Each \$1.69

STA-TITE



Fits all standard blades—grass, weed, bush and heavy duty.

Scythe is easily and quickly adjusted and will stay tight. Unusually strong and durable—has perfect balance.

Body is second growth ash. Malleable iron fittings. Maple nib handles. Length over all 60 inches.

AB 200—Weight per dozen 50 lbs.....Each \$1.89

One-half dozen in a bundle.

SCYTHE SNATH NIBS

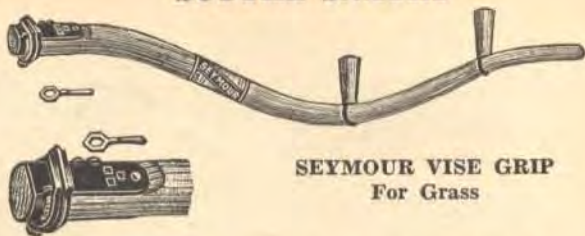
Will Fit All Our Scythe Snaths Except Sta-Tite Brand



Natural finish hardwood, with iron and ferrule. Wood section length $4\frac{1}{8}$ inches. Diameter $1\frac{1}{8}$ inches. Ferrule opening $1\frac{1}{4}$ inches.

AB 16—Weight per dozen 3 lbs.....Each \$0.29
Packing—bulk.

SCYTHE SNATHS



SEYMOUR VISE GRIP
For Grass

Vise grip fastening and strong set-screw against a grooved iron plate on back of snath holds the ring like a vise. Butt of snath is protected by iron.

Select bent ash body, varnished. Malleable iron fittings. Maple nib handles 5 inches long, with malleable iron ferrules and loops to fasten to body. Length over all 62 inches. Complete with wrench.

AB 60VG—Weight per dozen 60 lbs.....Each \$1.89

One dozen in a bundle.



AB 30



Fastening on
No. AB 30

Fastening on
No. AB 100S

Fastening on
No. AB 125

Select bent ash varnished body. Malleable iron fittings. Maple nib handles, 5 inches long, with malleable iron ferrules and loops to fasten to body. Length over all 62 inches. Complete with wrench.

GRASS—patent adjustable swing socket loop fastening.

AB 30—Weight per dozen 50 lbs.....Each \$1.65

BUSH—double ring fastening.

AB 100S—Weight per dozen 60 lbs.....Each 1.89

BRUSH—patent loop fastening solid plate.

AB 125—Weight per dozen 60 lbs.....Each 1.89



STRAIGHT PATTERN

Specially designed for use with German pattern grass scythes No. AB 2830.

This snath is straight except at butt end where there is a slight bend to give scythe blade the proper hang.

Varnished ash body, with steel collar and set-screw to hold scythe. Hardwood nib handle. Length over all 61 inches. Complete with steel wrench.

AB R4—Weight per dozen 34 lbs.....Each \$1.49

One-half dozen in a bundle.

For Penetrating Warmth,

use a

SIMMONS

Circulator Heater

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

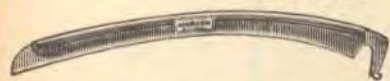
GRASS SCYTHES
GRASS—WIDE HEEL
DUTCHMAN PATTERN

KEEN KUTTER—America's Finest!

Hand forged three-piece blade—two pieces of soft steel on outside. Middle or cutting edge of high carbon steel, carefully ground, tempered, and sharpened, ready for use. Half set blade, double bead. Black enameloid finish, polished cutting edge. Width at heel 3 inches.

Nos.	Each	Lengths Assorted, In.	Wt. Per Doz., Lbs.
AB KBGD24	\$1.95	24 to 28	25
AB KBGD28	1.95	28 to 30	26
AB KBGD30	1.95	30 to 32	27

SIMMONS



One-piece heavy forged steel flanged blade, carefully tempered, ground

and sharpened. Dead black finish blade and shank, polished cutting edge. Width at heel 3 inches.

Nos.	Each	Lengths Assorted, In.	Wt. Per Doz., Lbs.
AB SGD28	\$1.75	28 to 30	26
AB SGD30	1.75	30 to 32	27

KLICKEER



One-piece forged steel flanged, tempered blade. Black finish blade and shank, polished

cutting edge. Width at heel 3 1/4 inches.

Nos.	Each	Lengths Assorted, In.	Wt. Per Doz., Lbs.
AB GDK28	\$1.39	28 to 30	26
AB GDK30	1.39	30 to 32	27

One-half dozen in a burlapped bundle.

GERMAN—GRASS, WIDE HEEL



Hand hammered solid steel. Concave set thin blade, natural blued finish, tempered and

sharpened. Width at heel 3 inches. Assorted lengths 28 and 30 inches.

AB 2830—Weight per dozen 20 lbs.....Each \$2.19

One-half dozen (assorted 1/2 dozen each length) in a burlapped bundle.

SWEDISH—GRASS, WIDE HEEL

Economical! Serviceable!



High-grade Swedish steel, carefully ground and sharpened. Natural finish, polished cutting edge. Width at heel 3 inches.

Nos.	Each	Lengths In.	Wt. Per Doz., Lbs.
AB 528	\$1.45	28	24
AB 530	\$1.55	30	25

One-half dozen in a burlapped bundle.

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

WEED AND BUSH SCYTHES

KEEN KUTTER

America's Finest!

Hand-forged three-piece blade—two pieces of soft steel on outside, middle or cutting edge of high carbon steel, carefully ground, oil-tempered. Sharpened ready for use. Heavy double beaded blade, black enameloid finish, polished cutting edge.



WEED—WIDE HEEL
Width at Heel 2 3/4
Inches

Nos.	Each	Lengths Assorted, In.	Wt. Per Doz., Lbs.
AB KBW20	\$2.00	20	24
AB KBW22	2.00	20 to 24	26
AB KBW24	2.00	24 to 28	28



BUSH—WIDE HEEL
Width at Heel 3 Inches

Nos.	Each	Lengths Assorted, In.	Wt. Per Doz., Lbs.
AB KBB18	\$2.00	18 to 21	25
AB KBB21	2.00	21 to 24	31

SIMMONS

One-piece heavy forged steel flanged blade, carefully tempered, ground and sharpened. Dead black finish blade and shank. Polished cutting edge.



WEED—WIDE HEEL
Width at Heel 3 1/4
Inches

Nos.	Each	Lengths Assorted, In.	Wt. Per Doz., Lbs.
AB SW22	\$1.85	20 to 24	26
AB SW24	1.85	24 to 28	28



BUSH—WIDE HEEL
Width at Heel 3 1/4 Inches
Lengths assorted 18 to 21
inches.

AB SB18—Weight per dozen 30 lbs.....Each \$1.85

KLICKEER

Economical! Serviceable!



WEED—WIDE HEEL
Width at Heel 3 1/2
Inches

One-piece forged steel flanged, tempered blade. Black finish blade and shank, polishing cutting edge.

Nos.	Each	Lengths Assorted, In.	Wt. Per Doz., Lbs.
AB WK22	\$1.49	20 to 22	25
AB WK24	1.49	22 to 26	26



BUSH—WIDE HEEL
Width at Heel 3 1/2 Inches
Lengths assorted 18 to 22
inches.

AB BK18—Weight per dozen 25 lbs.....Each \$1.49

One-half dozen in a burlapped bundle.

SCYTHE STONES

KEEN KUTTER



Fast cutting. Gives a fine edge.

Specially selected natural Vermont grit. Oval shape, natural finish. Length 10 inches, width $1\frac{1}{4}$ inches, thickness $\frac{5}{8}$ inch.

AB K92—Weight per box of $\frac{1}{4}$ gross, 27 lbs. Each \$0.19

One-sixth gross in a carton.



GENUINE CARBORUNDUM

General purpose stone for sharpening scythes, grass hooks, knives, chisels.

Flat tapered type. Length 9 $\frac{3}{4}$ inches, width at center $1\frac{1}{2}$ inches, thickness $\frac{1}{2}$ inch.

AB 198—Weight per gross, 61 lbs. Each \$0.29

One in an individual carton. One dozen in a package.



GENUINE CARBORUNDUM

Fast, clean cutting stones made from Silicon carbide—a manufactured abrasive or grinding material

that is hard, sharp and tough. Just the right grit to give the right edge.

Nos.	Each	Size, Inches	Weight Per Gross, Lbs.
AB 190	\$0.25	10x1 x $\frac{5}{8}$	66
AB 192	.29	10x1 $\frac{1}{4}$ x $\frac{3}{4}$	93

One dozen in a display carton.

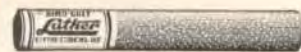


ALOXITE

These scythe stones are made of Aloxite, a finely ground, electric furnace product that cuts fast and clean. Reinforced by a steel wire rod through the center. Oval shape. Length 10 inches, width $1\frac{1}{8}$ inches, thickness at center $\frac{1}{4}$ inch, thickness at edges $\frac{3}{16}$ inch.

AB 188R—Weight per gross 87 lbs. Each \$0.25

One dozen in a display carton.



LUTHER—FAST CUTTER

A high quality vitrified stone without steel center.

Fast and clean cutting. Oval shape. Length 10 inches, thickness $\frac{3}{4}$ inch, width $1\frac{1}{8}$ inches.

AB 110—Weight per gross 96 lbs. Each \$0.29

One-sixth gross in a carton.



LUTHER—SPECIAL

A serviceable stone at a low price! Made of artificial abrasive, carefully bonded. Has long life and smooth cutting qualities. Oval shape. $\frac{5}{8}$ -inch medium weight. Length 10 inches.

AB 109—Weight two dozen 15 lbs. Each \$0.10

Two dozen in a carton.

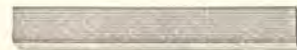
SCYTHE STONES

STANDARD EMERY



Specially bonded and kilned. Strengthened by steel rod through center. Full oval shape. Length 10 inches, width $1\frac{1}{4}$ inches, thickness $\frac{1}{2}$ inch.

AB TS4—Weight per box $\frac{1}{4}$ gross 24 lbs. Each \$0.10



SELECTED NATURAL GRIT STONE

Square edge shape, one end painted red. Length 10 inches, width $1\frac{1}{4}$ inches, thickness $\frac{1}{2}$ inch.

AB 100—Weight per box of $\frac{1}{4}$ gross 26 lbs. Each \$0.10

One-quarter gross in a wood box.



Heavy Duty File

For sharpening scythes, shovels, hoes, serrated edge hay knives. Excellent for sharpening blades of mowing machines (without removing blade sections).

Genuine carborundum file, length 9 inches, thickness 1 inch tapering from $1\frac{1}{2}$ to 1 inch on top, and from 2 inches to $1\frac{1}{2}$ inches on bottom. Natural finish hardwood handle.

AB 57—Weight per dozen 25 lbs. Each \$0.85

One dozen in a carton.

SHARPENING STONES

HOME AND GARDEN



CARBORUNDUM

Will sharpen lawn mowers, lawn edge trimmers, hoes, axes, grass shears, general household knives and other edge tools.

Medium fine grain genuine Carborundum brand, silicon carbide. Head 6x1 $\frac{1}{2}$ inches with square edges, one side flat and one side rounded. Durable wood handle is enameled in assorted colors—Green, red and yellow. Nickel plated brass ferrules. Length over all 10 $\frac{1}{2}$ inches.

AB 46—Weight per dozen 6 lbs. Each \$0.49

One in an attractive carton. One dozen in a package.

ABRASIVE FILES



LUTHER - DIMO

GRIT
The Farmer's Friend

Because of its high quality and modest price, this is a popular abrasive for edging up mower sections, discs, lawn mowers, shovels, axes, hoes and other farm tools. Cuts clean and fast. Does not glaze.

Made of highest quality electric furnace artificial abrasive grain, fully vitrified. File section length 9 inches, thickness tapers from $1\frac{1}{4}$ to 1 inch. Width tapers from 2 to $1\frac{1}{2}$ inches at bottom and $1\frac{1}{2}$ to 1 inch at top. Large, well balanced wood grip. Length over all 14 inches.

AB 253—Weight per dozen 18 lbs. Each \$0.69

One dozen in a carton.

**It's Thrifty to Buy
Long Wearing,
Useful, Attractive.**

Polly-Prim

Kitchen Utensils

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

Outstanding Features of

KEEN KUTTER

LAWN MOWERS

The Finest Money Can Buy!

FIRST QUALITY THROUGHOUT

The **KEEN KUTTER** name is your assurance of value—long life, easy operation, excellent performance. **KEEN KUTTER** mowers are America's finest. All materials are of the highest quality, selected to withstand years of hard usage. The latest improvements in design and construction assure continued performance with very little attention.

EASY OPERATION — CLEAN CUTTING — FAST MOWING

All moving parts are accurately machined and fitted to operate easily, quietly and smoothly with a minimum of friction. Drive wheels are made full width with deep corrugations for good traction. Every **KEEN KUTTER** mower has gear ratio of $5\frac{1}{2}$ to 1 or better which revolves blades faster.

Reel knives, or blades, are heat-treated crucible steel with sharp cutting edges—they meet in perfect alignment. The lower bar is smoothly ground, making a flat surface for the lower knife—a very important feature, as it makes the lower knife fit perfectly flat, insuring even contact with the reel knives. The lower knife is saw steel, tempered in oil.

This **KEEN KUTTER** mechanical excellence gives you a self-sharpening mower and easier, cleaner, faster mowing.

STRONG REEL SPIDERS

The revolving blades or reel knives are mounted on heavy, strong malleable alloy reel spiders with heavy collars. Reel shafts and shrub rods are $\frac{5}{8}$ -inch in diameter.

BALL BEARING

Reel spins on ball bearings. The patented ball bearing device used on **KEEN KUTTER** mowers is dust proof and permanent. No springs to eventually develop side play. The factory adjustment is accurate and usually permanent. Two adjusting screws are provided for adjustment if necessary after long use.

DURABLE CONSTRUCTION

Lower knife in all **KEEN KUTTER** mowers is attached to lower bar with machine screws and washers (not rivets). The lower bars are made with a cone or shoulder which seats into the side frame giving added strength and rigid construction with practically no strain on the bolt that holds the lower bar.

Pinions are made of fine quality grey iron. Teeth or gears are carefully designed for superior service.

All castings are smoothly finished, including the lower bar to which the lower knife is attached.

Pawls are case hardened steel, large and strong.

All roller brackets have grass catcher hooks.

All rollers are steel shafted, and either finished in red enamel or varnished.

ATTRACTIVELY FINISHED THROUGHOUT

All wood parts are protected by weather resisting varnish or enamel. Metal parts are enameled or painted in attractive colors.

There's a genuine satisfaction in using a **KEEN KUTTER** trouble-free lawn mower!

KEEN KUTTER QUIET LAWN MOWERS

America's Finest Streamlined Mower

You cannot get a better value for the money!



Quiet-Running, Ball-Bearing, Easy to Operate

An Efficient Grass Cutting Machine

Unusually Attractive In Design and Finish

Ball Bearing

Here is the ideal quiet-running, free-reeling mower that gives perfect service! The revolving reel knives, heat-treated crucible steel with sharp cutting edges, do not come in contact with lower knife, but are perfectly aligned with it for quiet, easy, fast cutting. Eliminates the ordinary mower shearing noises. The bed knife is a cast bar with extra heavy heat-treated oil-tempered knife.

Streamlined

The latest in modern design and pleasing appearance is yours when you choose this extraordinary mower. Extra large chromium-plated hub caps, oversize rubber tires, gleaming chromium-plated shrub rod—all add a distinction not usually found even in mowers much higher priced. You'll find this streamlined machine a joy to own and to use.

Semi-Pneumatic Rubber Tires

Oversize 1½-inch semi-pneumatic rubber tires are practically noiseless on walks and other hard surfaces. They protect the wheels against breaking when striking curbs, cement walks or steps.

High Wheel—Drive Wheels 10 Inches in Diameter, 1½-Inch Tread

Ball-Bearing Revolving Reel Cutter—Heat-treated crucible steel revolving knives. All bearings are readily accessible for proper lubrication. Diameter reel 6 inches. Five blades—four malleable spiders.

Frame—Sturdy metal, smoothly finished. One inch chromium-plated shrub rod. Extra large chromium-plated hub caps.

Handle—Hardwood, varnished. Length 38 inches. Heavy steel handle braces.

Adjustable—To cut grass to a height of ½ to 1¾ inches. Will cut grass standing 7 inches high.

Roller—Oversize. Diameter 2½ inches. Covered with durable black rubber.

Easy to Adjust—Easy to keep in adjustment.

Finish—Attractively finished in red, black and chromium.

Nos.	Each
AB KKQ16	\$13.50
AB KKQ18	14.50

Width Cut, Inches	Extreme Width, Inches	Weight Each, Lbs.
16	22½	46
18	24½	52

One in a carton.

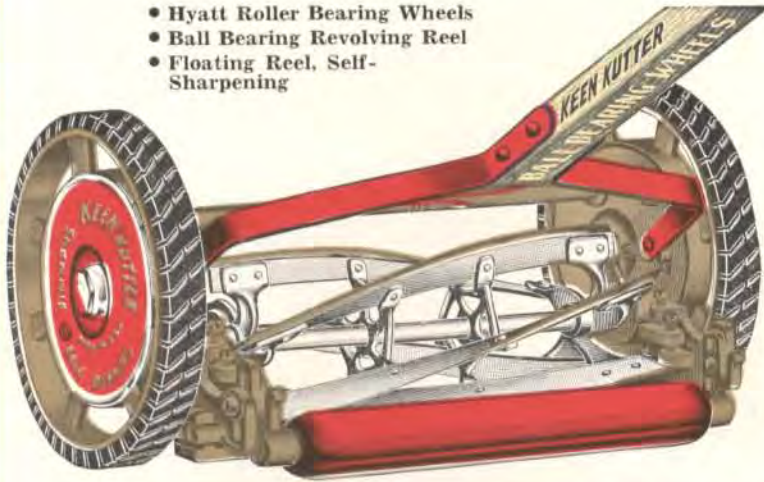
Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

KEEN KUTTER LAWN MOWERS

AMERICA'S FINEST

Solidly Built "Four-Square" Construction

- Hyatt Roller Bearing Wheels
- Ball Bearing Revolving Reel
- Floating Reel, Self-Sharpening



This mower is superior to practically all other high grade mowers in the adjustment of cutters. The reel is adjustable to and from lower bed knife instead of adjusting lower knife. Adjustments are easily made as all adjusting screws are on upper side of mower.

Rubber Tires! More Quiet!

Practically noiseless on sidewalks and other hard surfaces. Protect wheels against breaking when they strike curbs, cement walks and steps. These tires, of extra heavy solid rubber are permanently attached in flange of the special wheel and will last indefinitely.

Heat treated, crucible steel revolving blades, accurately fitted and adjusted. Detachable saw steel bed knife with lipped or raised edge tempered in oil, fastened to lower bars with machine screws and washers.

HIGH WHEEL—DRIVE WHEELS 11 INCHES IN DIAMETER, 1¼-INCH TREAD

Ball bearing revolving reel cutter—Cups and cones solid tempered steel. Patented ball retainers. Bearings and pinions in dust-proof cases. Diameter reel 6 inches with five blades and four strong spiders. End spiders double riveted.

Adjustable—To cut grass to height of ¼ to 1½ inches. Will cut grass standing 7 to 7½ inches high.

Handle—Hardwood, extra large, varnished. Length 42 inches.

Roller—Hardwood, red enameled. Diameter 1¾ inches.
Finish—Attractive red enamel, gold bronze and silver bronze.

Nos.	Each	Width Cut, Inches	Extreme Width, Inches	Weight Each, Lbs.
AB KK9/16	\$15.75	16	21½	63
AB KK9/18	16.95	18	23½	65

QUICK ADJUSTING — BALL BEARING

A sturdy mower of extra fine quality. Ideal for use on large lawns, estates, cemeteries and parks.

Self-Sharpening

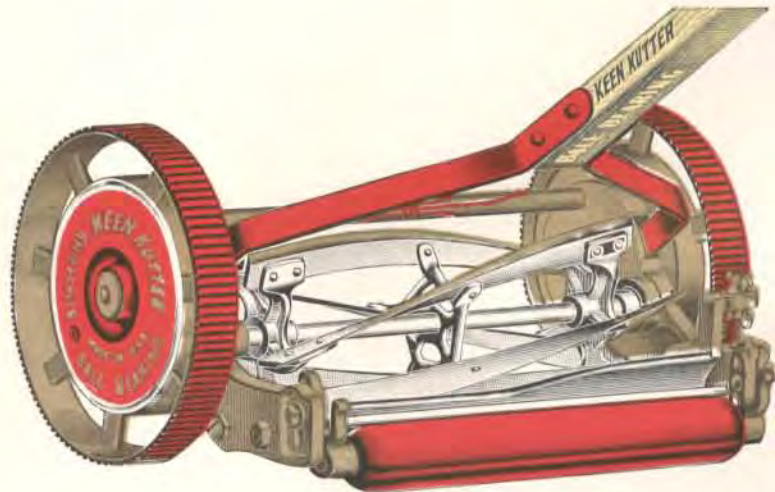
with patented adjusting device and full floating knife bar.

No Tools Needed to Adjust

Adjustment is simple and positive by means of thumb nut on right side of knife bar.

Heat-treated crucible steel revolving blades, accurately fitted and adjusted. Malleable alloy spiders.

Detachable, lipped bed knife of extra heavy, crucible steel, tempered in oil. Knife bar extra heavy, full floating.



HIGH WHEEL—DRIVE WHEELS 10 INCHES IN DIAMETER, 1¼-INCH TREAD

Ball bearing revolving reel cutter. Patented ball bearing assembly with cups and cones guaranteed to wear indefinitely. Diameter reel 6 inches. Five blades. Three spiders.

Adjustable. To cut grass to a height of ½ to 1¾ inches. Will cut grass standing 6 to 6½ inches high.

Handle. Extra large, varnished. Length 42 inches.

Roller. Hardwood, red enameled. Diameter 2 inches.
Finish. Attractively finished in red enamel, gold bronze and silver bronze.

Width of cut 16 inches.

Extreme width 21 inches.

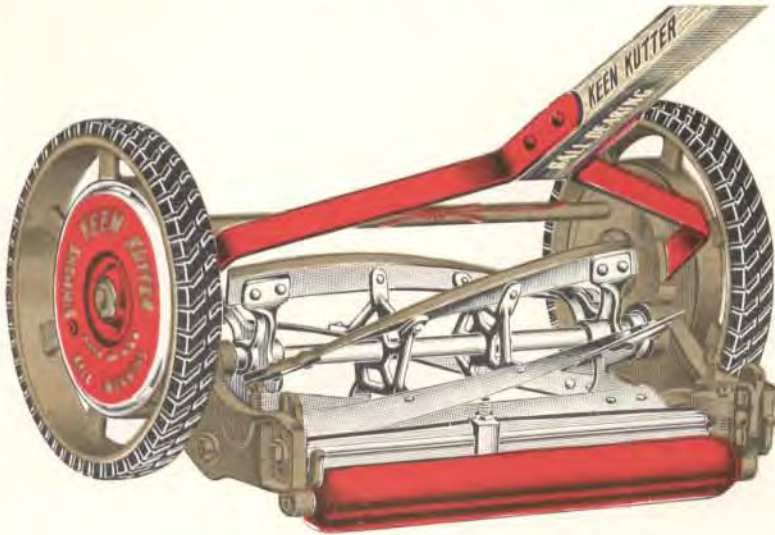
AB KK7/16—Weight each 62 lbs. Each \$13.75

One in a wood case.

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

KEEN KUTTER LAWN MOWERS

AMERICA'S FINEST
SOLIDLY BUILT "FOUR-SQUARE" CONSTRUCTION



HIGH WHEEL—DRIVE WHEELS 11 INCHES IN DIAMETER, 1¼-INCH TREAD

Ball bearing revolving reel cutter. Perfect ground solid steel cups and cones and best quality steel balls. Dust-proof. Diameter reel 6 inches. Five blades 1½ inches wide. Four spiders. End spiders double riveted.

Adjustable. To cut grass to a height of ½ to 1¾ inches. Will cut grass standing 7 to 7½ inches high.

Handle. Extra large, varnished. Length 42 inches.

Roller. Hardwood, red enameled. Diameter 2 inches.

Finish. Attractively finished in red enamel, gold bronze and silver bronze.

Width of cut 16 inches.

Extreme width 21 inches.

AB KK6/16—Weight each 61 lbs. Each \$13.00

One in a wood case.

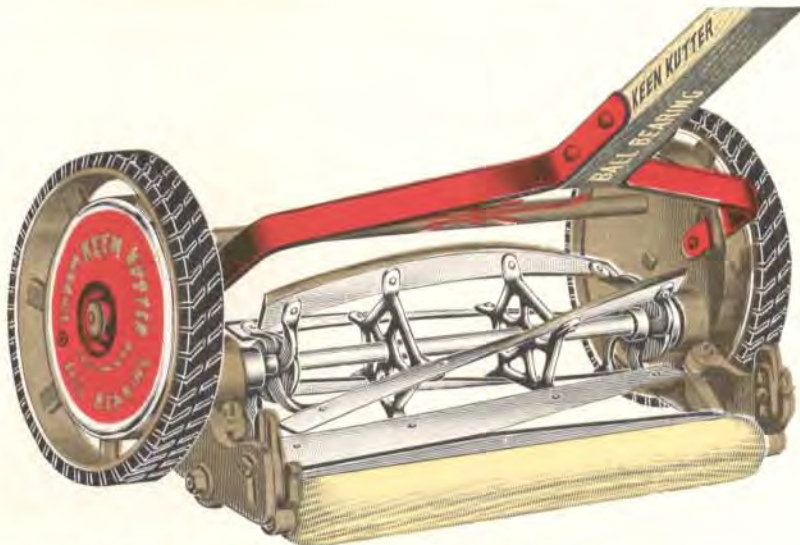
BALL BEARING—RUBBER TIRED

A super-quality at a low price!

Light weight, easy running, high wheel mower with **rubber tires**. Practically noiseless on sidewalks and other hard surfaces. The rubber tires protect wheels against breaking when they strike cement curbs, steps and walks. Extra heavy solid rubber tires are permanently attached in flange of the new special wheel and will last indefinitely.

Superior Construction

Heat treated crucible steel revolving blades, accurately fitted and adjusted. Detachable saw steel bed knife with lipped or raised edge, tempered in oil, fastened to lower bar with machine screws and washers.



HIGH WHEEL—DRIVE WHEELS 10 INCHES IN DIAMETER, 1¼-INCH TREAD

Ball bearing revolving reel cutter—Diameter reel 6 inches. Five crucible steel blades. Four malleable spiders.

Adjustable—To cut grass to a height of ½ to 1¾ inches. Will cut grass standing 6 to 6½ inches high.

Handle—Hardwood, varnished. Length 38 inches.

Roller—Hardwood, varnished. Diameter 2 inches.

Finish—Attractively finished in red enamel, gold bronze and silver bronze.

Width of cut 16 inches.

Extreme width 21 inches.

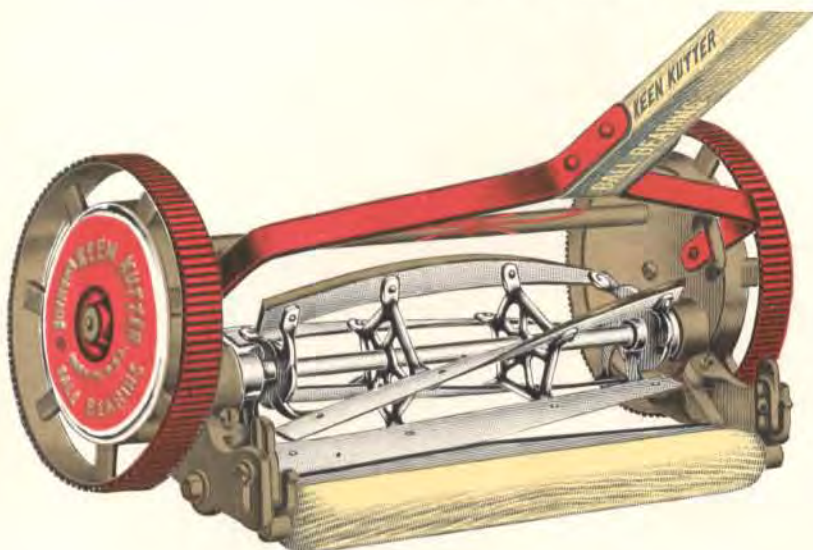
AB KK5/16—Weight each 49½ lbs. Each \$10.50

One 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.

KEEN KUTTER LAWN MOWERS

AMERICA'S FINEST



BALL BEARING—LIGHT WEIGHT

This easy running mower is of extraordinary quality for the unusually low price!

Constructed throughout to give long, satisfactory service.

Heat treated crucible steel revolving blades, accurately fitted and adjusted. Detachable saw steel bed knife, with lipped or raised edge, tempered in oil, fastened to lower bar with machine screws and washers.

HIGH WHEEL—DRIVE WHEELS 10 INCHES IN DIAMETER, 1 1/8 -INCH TREAD

Ball Bearing, Revolving Reel Cutter. Diameter reel 6 inches. Five blades. Four spiders.

Adjustable—To cut grass to a height of 1/2 to 1 3/4 inches. Will cut grass standing 6 to 6 1/2 inches high.

Handle—Hardwood, varnished. Length 38 inches.

Roller—Hardwood, varnished. Diameter 2 inches.

Finish—Attractively finished in red enamel, gold bronze, and silver bronze.

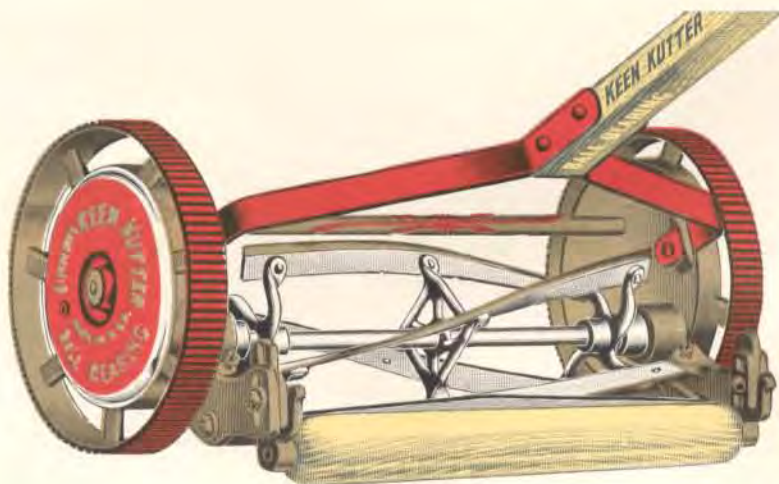
Nos.	Each	Width Cut, Inches	Extreme Width, Inches	Weight Each, Lbs.
AB KK3/16	\$8.75	16	21	49 1/2
AB KK3/18	8.95	18	23	54

BALL BEARING

This mower is outstanding in beauty, design and price!

It is a light weight, ball bearing machine, easy to run and practical for use on the average size lawn or yard.

Heat treated crucible steel revolving blades, accurately fitted and adjusted. Detachable saw steel bed knife with lipped or raised edge, tempered in oil and fastened to lower bar with machine screws and washers. Jam screw adjustment.



HIGH WHEEL—DRIVE WHEELS 10 INCHES IN DIAMETER, 1 1/8 -INCH TREAD

Ball Bearing, Revolving Reel Cutter. Diameter reel 5 1/2 inches. Four blades. Three spiders.

Adjustable—To cut grass to a height of 1/2 to 1 3/4 inches. Will cut grass standing 6 to 6 1/2 inches high.

Handle—Hardwood, varnished. Length 38 inches.

Roller—Hardwood, varnished. Diameter 2 inches.

Finish—Attractively finished in red enamel, gold bronze, and silver bronze.

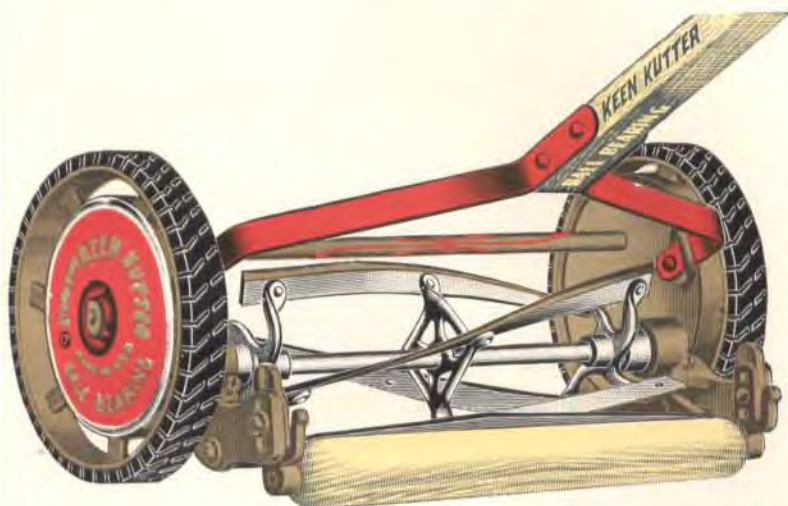
Nos.	Each	Width Cut, Inches	Extreme Width, Inches	Weight Each, Lbs.
AB KK2/14	\$7.75	14	19 1/2	46
AB KK2/16	8.00	16	21 1/2	48

One 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.

KEEN KUTTER LAWN MOWERS

AMERICA'S FINEST



HIGH WHEEL—DRIVE WHEELS 10 INCHES IN DIAMETER, 1½-INCH TREAD

BALL BEARING—RUBBER TIRED

This is a light weight, easy running mower, exceptional in value, outstanding in beauty and design!

The rubber tires are practically noiseless on sidewalks or other hard surfaces. The tires protect the wheels against breaking when they strike sidewalks, cement steps and curbs. Tires are permanently attached in the flange of the new special wheel, are practical and will last indefinitely.

Heat-treated crucible steel revolving blades, accurately fitted and adjusted. Detachable saw steel bed knife with lipped or raised edge, tempered in oil and fastened to lower bar with machine screws and washers. Jam screw adjustment.

Ball bearing revolving reel cutter. Diameter reel 6 inches. Four blades. Three spiders.

Adjustable. To cut grass to a height of ½ to 1¾ inches. Will cut grass standing 6 to 6½ inches high.

Handle. Hardwood, varnished. Length 38 inches.

Roller. Hardwood, varnished. Diameter 2 inches.

Finish. Attractively finished in red enamel, gold bronze and silver bronze.

Width of cut 16 inches.

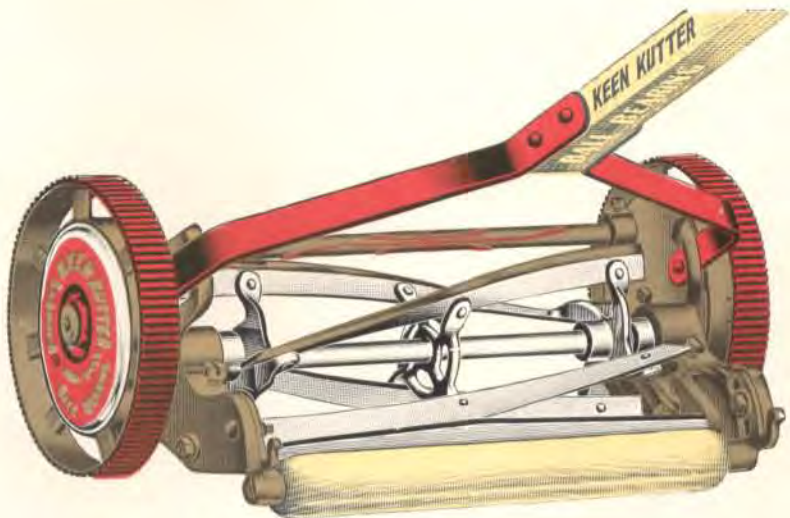
Extreme width 21½ inches.

AB KK4/16—Weight each 48 lbs..... Each \$9.75

BALL BEARING

A serviceable lightweight ball bearing mower of superior grade at a very low price!

First Quality Construction Throughout
Heat-treated crucible steel revolving blades, accurately fitted and adjusted. Detachable saw steel bed knife, tempered in oil and fastened to lower bar with machine screws and washers. Jam screw adjustment.



LOW WHEEL—DRIVE WHEELS 8 INCHES IN DIAMETER, 1½-INCH TREAD

Ball bearing revolving reel cutter. Diameter reel 5½ inches. Four blades width 1½ inches. Three spiders.

Adjustable. To cut grass to a height of ½ to 1¾ inches. Will cut grass standing 5 to 5½ inches high.

Handle. Hardwood, varnished. Length 38 inches.

Roller. Hardwood, varnished. Diameter 2 inches.

Finish. Red enamel, gold bronze, silver bronze.

Width of cut 14 inches.

Extreme width 20 inches.

AB KK1/14—Weight each 42 lbs..... Each \$6.75

One 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.

LAWN MOWERS

KEEN KUTTER

BALL BEARING—EXTRA WIDE TREAD

This easy running mower has extra wide tread for use on lawns having soft or sandy sod. It gives outstanding service at a low price!

Heat-treated crucible steel revolving blades, accurately fitted and adjusted. Detachable saw steel bed knife with lipped or raised edge, tempered in oil, fastened to lower bar with machine screws and washers.

HIGH WHEEL—DRIVE WHEELS 10 INCHES IN DIAMETER, 2½-INCH TREAD

Ball bearing revolving reel cutter. Diameter reel 6 inches. Five blades. Four spiders.

Adjustable. To cut grass to a height of ½ to 1½ inches. Will cut grass standing 6 to 6½ inches high.

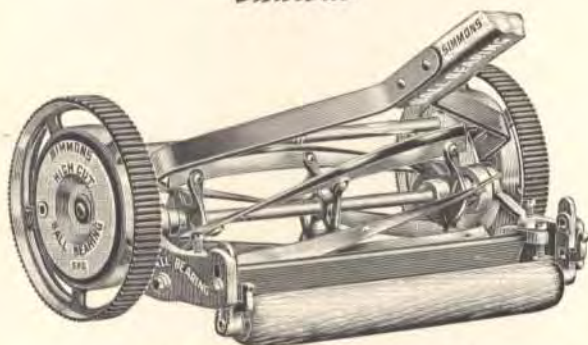
Handle. Hardwood, varnished. Length 38 inches.

Roller. Hardwood, varnished. Diameter 2 inches.

Finish. Attractively finished in red enamel, gold bronze and silver bronze.

Nos.	Each	Width Cut, Inches	Extreme Width, Inches	Weight Each, Lbs.
AB KK3WW16	\$10.50	16	21	51½
AB KK3WW18	10.95	18	23	56

SIMMONS



BALL BEARING—HIGH CUT

Drive wheels 9 inches in diameter, 1⅝-inch tread.

Specially designed to cut grass to a height above the average! A light running, self-sharpening mower at a moderate price!

Heat-treated crucible steel revolving blades, accurately fitted and adjusted. Malleable alloy spiders. Patented ball bearing assembly with cups and cones guaranteed to wear indefinitely. Oil tempered crucible steel bed knife, with lipped or raised edge.

Ball bearing revolving reel cutter. Diameter reel 5½ inches. Five blades. Three spiders.

Adjustable to leave grass standing 2¼ inches high.

Handle. Hardwood, varnished. Length 39 inches.

Roller. Hardwood, varnished. Diameter 2 inches.

Finish. Gold finish, trimmed in green.

Width of cut 16 inches.

Extreme width 21 inches.

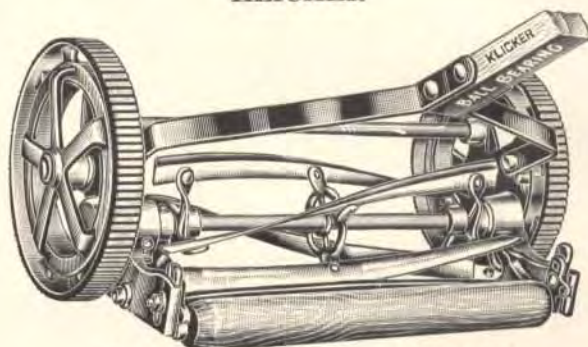
#AB SHG16—Weight each 47 lbs.....Each \$8.50

One in a wood box.

#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.

KLICKER



BALL BEARING—SELF-SHARPENING

Width of tread 1⅝-inch.

A light running, attractive, practical mower, far superior in construction to the ordinary mower at its price range. Ball bearing revolving cutter reel with heat-treated crucible steel knives. Malleable alloy spiders. Detachable bed knife mounted on shoulders. Steel shrub rod and reel shaft, diameter ⅝ inch. Patented ball bearing assembly with cups and cones that will not wear out nor require adjustment.

Handle. Hardwood, varnished. Length 39 inches.

Roller. Hardwood, varnished, diameter 1½ inches.

Finish. Silver bronze, blue enameled trim.

Nos.	LOW WHEEL AY 814K	HIGH WHEEL AY 1016K
Width of Cut, In.	14	16
Will Cut Grass, In.	5 to 5½	6 to 6½
Diameter Wheels, In.	8	10
Diameter Reel, In.	5½	5½
No. of Knives	3	4
No. of Spiders	3	3
Extreme Width, In.	20½	22½
Weight Each, Lbs.	36	44
Each	\$4.49	5.45

One in a wood box.

LAWN TRIMMERS

SIMMONS



For cutting grass close to walls, trees, shrubbery and flower beds. Built like a lawn mower, with one large wheel.

High-grade material and workmanship throughout—will give long-lasting, satisfactory service. Easily readjusted, if necessary. Blades are crucible steel, accurately fitted and adjusted. Self-aligning floating revolving cutter bearings.

Drive Wheel—Diameter 8 inches.

Revolving Reel—Diameter 4 $\frac{3}{4}$ inches, with four knives.

Adjustable—To cut grass to a height of $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches. Will cut grass standing 6 inches high.

Handle—Hardwood, varnished, length 38 inches.

Roller—Hardwood, varnished, diameter 2 inches.

Finish—Decorated in gold and aluminum bronze with green trimmings.

EXTREME WIDTH—9 $\frac{1}{2}$ INCHES

WIDTH OF CUT—6 INCHES

AB ST—Weight each 23 lbs. Each \$6.45

One in a wood box.

LAWN MOWER HANDLES



Will fit practically all standard lawn mowers.

Smoothly finished hardwood, nicely varnished. Cross handle 13 $\frac{3}{4}$ inches long, 1 $\frac{1}{4}$ inches diameter, secured to upright by bolt passing through handle and malleable fittings. Two $\frac{1}{2}$ -inch holes spaced through edge of handle near bottom, spaced 1 $\frac{1}{4}$ -inch centers. Upright 37x1 $\frac{1}{4}$ x1 $\frac{1}{4}$ inches. Length over all 38 $\frac{3}{4}$ inches.

AB H—Weight each 3 lbs. Each \$0.75

Packing—bulk.

LAWN MOWER ROLLERS



Will fit practically all standard lawn mowers. Smoothly finished hardwood, diameter 1 $\frac{1}{4}$ inches. Nicely varnished. Steel shaft, diameter $\frac{3}{8}$ inch driven into ends.

Nos.	AB R14	AB R16	AB R18
Length Roller, In.	14 $\frac{3}{4}$	16 $\frac{3}{4}$	18 $\frac{3}{4}$
Length over all, In.	16 $\frac{3}{4}$	18 $\frac{3}{4}$	20 $\frac{3}{4}$
Wt. each, Lbs.	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$
Each	\$0.35	.35	.35

Packing—bulk.

LAWN MOWER OIL



A new type oil containing colloidal graphite and other fine lubricating ingredients. Made especially for lawn mowers, washing machines, refrigerators and other appliances, requiring a heavy body oil—builds a lubricating film on the metal that eliminates friction, and quiets noisy mechanisms quickly. Very efficient and should be used sparingly.

5 ounces in a high quality lithographed metal oiler.

AB 600—5-oz. can. Weight per dozen 5 $\frac{1}{2}$ lbs. Per Can \$0.25

One dozen in a carton.

RUBBER TIRES FOR LAWN MOWERS



A lawn mower equipped with these high-grade rubber tires is practically noiseless on sidewalks and is amply protected against wheel breakage when striking curbs, cement walks and steps. They are easy to attach and will wear indefinitely.

High-grade, tough, flexible black rubber, deep tread, fit snugly.

AB LT1 $\frac{1}{4}$ —For mowers Nos. AB KK7, AB SUB1016, AB SUB1018, AB SRB14, AB SRB16, AB SRB18, AB STA16 and AB STA18 Per Pair \$1.00

AB LT1 $\frac{1}{8}$ —For mowers Nos. AB KK2, AB KK3, AB SS414 and AB SS416..... Per Pair 1.00

Weight per pair 1 $\frac{1}{4}$ lbs.

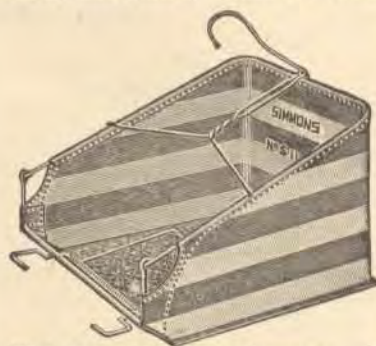
One pair in a package.

GRASS CATCHERS

SIMMONS

A convenient time saver in mowing.

Easily and quickly attached to lawn mower.

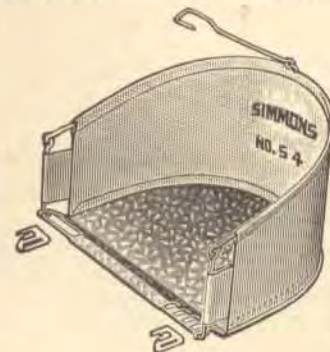


ROLLER FLANGE SQUARE BACK

When the catcher is attached to mower directly over roller flange, causes grass to slide back to lower level of catcher. Fastens to mower with a patent spring attachment.

No. 8 galvanized wire frame, covered with heavy blue and white striped canvas. Square back bottom, 30-gauge galvanized iron with roller flange. Convenient carrying handle, No. 6 galvanized wire.

Nos.	Each	Size, Inches	For Mower, Inches	Weight Per Dozen, Lbs.
AB S11A	\$0.89	19 x16 $\frac{1}{2}$ x13	12 to 16	48
AB S12A	.98	22 $\frac{3}{4}$ x16 $\frac{1}{2}$ x13	14 to 20	56



ROLLER FLANGE ROUND BACK

Exceptional value!

When the catcher is attached to mower directly over roller the flange causes grass to slide back to lower level of catcher.

No. 8 galvanized wire frame, covered with 6 oz. single filling white duck. Galvanized iron bottom, 30-gauge, with roller flange. Adjustable galvanized steel hooks.

Nos.	Each	Size, Inches	For Mower, Inches	Weight Per Dozen, Lbs.
AB S4	\$0.69	19 $\frac{1}{2}$ x15 $\frac{3}{4}$ x12	12 to 16	35
AB S5	.79	23 $\frac{1}{2}$ x15 $\frac{3}{4}$ x12	16 to 20	42

Packing—bulk.

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STEARNS POWER LAWN MOWERS

Outstanding in Quality, Performance and Price!

Easy to Operate—Can be operated by anyone without experience or instruction. Just start the engine, throw in the clutch and cut the grass. Motor will proceed over the lawn under its own power. Operator need only follow and guide it. No gadgets to fuss with. Extreme simplicity of design, ease of operation and freedom from mechanical difficulties insure long, satisfactory engine performance. Every detail was planned to assure greatest possible service at lowest cost.

Smooth, Dependable Power—The nationally-known Briggs and Stratton engines are used in all models.

Quality Construction Throughout

Bearing Equipment—Gives smoother, easier running and longer life. Hyatt roller bearings. Norman-Hoffmann ball bearings. Timken tapered roller bearings and Bunting bronze bearings.

Knives—Bed plate knives are chrome alloy steel, heavy lipped edge section. Cylinder knives special high carbon manganese steel, the finest quality, hard and tough.

5-Blade Revolving Cylinders—Self-sharpening blades double riveted to heavy malleable iron spiders, which are mounted on strong oversize steel shafts.

Positive Action Disc Clutches—Easy, smooth engagement insures freedom from turf marring and cutting by the drive wheels.

High-Cutting Capacity—An average speed of $3\frac{1}{2}$ to $4\frac{1}{2}$ miles per hour can be easily maintained on open stretches, yet motor can be throttled down to a slow walk by means of the controls on handle. Perfectly balanced, mobile and efficient. These mowers have a grass-cutting capacity far in excess of that which their widths of cut alone would indicate.

Tension Adjustments—Provided wherever necessary in the drive chains. If chain stretches in use slack is easily taken up.

One-Piece Top Plate—Of heavily ribbed gray iron casting, supports engine, eliminates use of handle braces of usual type, and makes frame stronger and more rigid.

Folding Tubular Steel Handle—Reduces space required for storage. Height adjustable to suit operator. Simple locking device holds handle in proper operating position when mower is in use.

Finish—Weather-proof enamel. Frame slate blue, engine black. Trim red.

ROLL-DRIVE MODELS



Model 22H—22-Inch Cut

A gentle rolling action so much desired by many keepers of fine lawns is developed by the rollers of these machines and they have a heavy protective rubber coating that will not mar or damage the most tender turf. Ideal for use on golf courses, cemeteries, parks and estates.



Model 26A—26-Inch Cut

The drive rollers are covered with deeply corrugated rubber of heavy suction. The caster wheels, also, are rubber covered. Operation is by a full bevel gear differential drive mechanism. Independent clutches are provided for reel and drive.

Drive Rollers, $9 \times 9\frac{1}{2}$ Inches—Cylinder, 5 Blades

Height of Cut, $\frac{1}{2}$ to $1\frac{1}{2}$ Inches

	Std. List and Retail, Each	Briggs & Stratton Engine Model	Engine Horse Power	Width Cut, Inches	Speed Miles, Per Hour	Weight Each, Lbs.	Shipping Wt. Each, Lbs.
*AY 22H	\$175.00	H	$\frac{1}{2}$	22	$\frac{1}{2}$ to 4	285	340
*AY 22A	195.00	A	1	22	$\frac{1}{2}$ to 4	310	360
*AY 26A	235.00	A	1	26	$\frac{1}{2}$ to $4\frac{1}{2}$	325	375
*AY 26B	260.00	B	2	26	$\frac{1}{2}$ to $4\frac{1}{2}$	360	400

Note—Model AR 26B is powerful enough for use with two 18-inch gang units and riding sulky.

One in a crate.

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STEARNS POWER LAWN MOWERS

Outstanding in Quality, Performance and Price!

WHEEL-DRIVE MODELS

Solid rubber tires are provided as standard equipment on all wheel-drive models. The letters "ST" indicate solid rubber tires, "PT" pneumatic tires.

Goodyear pneumatic tires are available at a moderate extra cost. They reduce vibration, assure protection for shrubs, trees, buildings, walks.

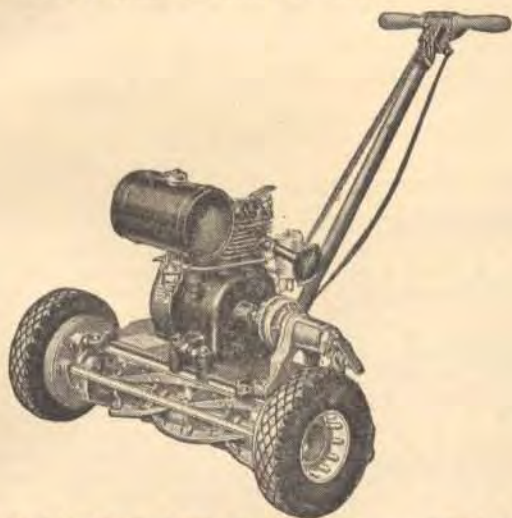


Model 124ST—With Solid Rubber Tires
Model 127ST is Entirely Similar, Except
for Wider Cutting Width

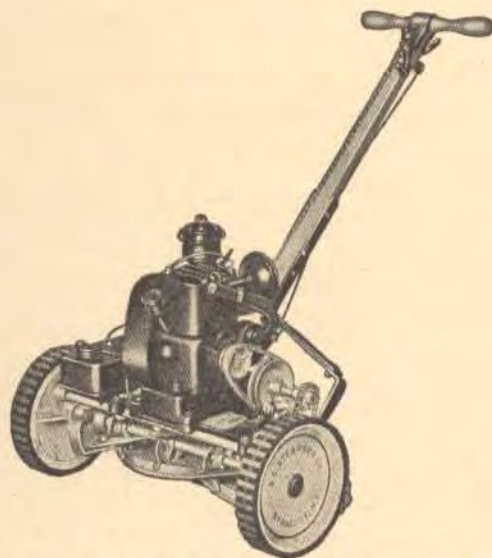


Model 218ST—With Solid Rubber Tires
This Model Does Not Have Folding Handle

All wheel-drive models are equipped with automotive type, full bevel gear differential drive mechanism. Independent clutches are provided for reel and drive.



Model 321PT—With Goodyear Pneumatic Tires
Model 318PT is Exactly the Same Except
in Cutting Width and Tire Size



Model 181ST—With Solid Rubber Tires

Cylinder—5 blades. Height of cut $\frac{1}{2}$ to $1\frac{1}{2}$ inches.

WITH SOLID RUBBER TIRES			
Nos.	Std. List Retail, Each	Outside Diameter Tire, Inches	
AR 218ST	\$77.50	10 x $1\frac{3}{4}$	
*AR 318ST	94.50	10 $\frac{1}{2}$ x $2\frac{1}{4}$	
AR 321ST	119.50	11 x $2\frac{1}{2}$	
*AY 124ST	179.50	11 x 3	
*AY 127ST	219.50	11 x 3	
AR 181ST	69.50	10 x $1\frac{3}{4}$	

WITH PNEUMATIC TIRES			
Nos.	Std. List Retail, Each	Outside Diameter Tire, Inches	
*AR 218PT	\$85.50	10x2.50	
*AR 318PT	103.50	10x3.00	
*AR 321PT	129.50	11x3.00	
*AY 124PT	192.00	12x3.50	
*AY 127PT	232.00	12x3.50	
AR 181PT	77.50	10x2.50	

Briggs & Stratton Eng., Model	Horse Power	Width Cut, Ins.	Speed Miles, Per Hour	Wt. Each, Lbs.	Ship- ping Wt., Lbs.
WM	$\frac{1}{2}$	18	$1\frac{1}{2}$ to $3\frac{1}{2}$	125	155
H	$\frac{1}{2}$	18	$\frac{1}{2}$ to 4	155	200
H	$\frac{1}{2}$	21	$\frac{1}{2}$ to 4	170	225
A	1	24	$\frac{1}{2}$ to $4\frac{1}{2}$	265	340
A	1	27	$\frac{1}{2}$ to $4\frac{1}{2}$	275	350
WM	$1\frac{1}{2}$	18	$1\frac{1}{2}$ to $3\frac{1}{2}$	125	155

One in a crate.

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LAWN ROLLERS

DUNHAM

**WATER TIGHT,
HAND MODEL**

For Better Lawns!

This roller will compress the soil around grass roots and force the turf back against the subsoil so roots can absorb water and plant food, resulting in a velvety surface.

Light to operate and move. Fitted with no-tip adjustable scraper, for smooth rolling. Rounded edges — no marred turf.



Water tight—steel drum electrically welded, painted green. High carbon steel axles, 1-inch diameter, 2-inch long. Steel handle braces $\frac{1}{4} \times 1\frac{1}{4}$ inches bolted to $1\frac{1}{4}$ -inch angle iron bow, with axle bushing running to axle, painted red. Varnished hardwood double grip cross bar 16 inches long, $1\frac{1}{2} \times 1\frac{1}{2}$ inches, bolted to handle braces. Complete with cast-iron key wrench for stop plug in drum. Plug is non-rusting bronze.

Roller Bearing—Single Section

Nos.	AB WB5	#AB WB7	#AB WB9
Diameter, In.	18	24	24
Length, In.	24	24	32
Wt., Empty, Lbs.	76	95	130
Wt., Filled with Water, Lbs.	274	413	565
Each	\$12.95	18.75	20.75

Plain Bearing

Diameter 14 inches, length 24 inches.

AB 2—Weight empty, 68 lbs. Weight filled with water 175 lbs. Each \$9.25

When filled with sand, weight is 50% more than when filled with water.

Packing—bulk.

LAWN AND GARDEN LIME

GLENCOE—HYDRATED

For flourishing lawns and gardens use this hydrated lime in the spring and late fall. Ideal for whitewashing trees, base-ments, chicken and poultry houses—for making spraying solutions—and for sanitary purposes about the house and barn.

Full directions in every package.

Nos.	Per Bag	Quantity in Bag, Lbs.
AB GL10	\$0.25	10
AB GL20	.45	20
AB GL50	.75	50

Put up in strong paper sacks that pass all shipping requirements.



Polly Prim

ALUMINUMWARE

**Does the Work Well
and Costs So Little**

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GRASS SEED

DICKINSON'S

Prepared and packed by internationally known refiners of selected and tested seeds.

ACE

**Supreme Quality!
Exceptional Value!**

Suitable for all soil conditions. A heavy, high-grade mixture, correctly blended to insure a beautiful, permanent green lawn.

Composed of domestic turf grasses, for years highly approved and used by professionals as a standard. This mixture contains new crop, high germinating fancy Kentucky blue grass, fancy red top rye grass, and white clover. The seed is properly cleaned, tested and bulked by lawn seed specialists in a large, modern and scientific



plant—one of the most reliable commercial seed laboratories in America.

Recommended one pound to each 200 square feet.

Directions and analysis with each package.

Nos.	Per Carton	Contains, Lbs.	Weight Per Case or Bag, Lbs.
AB ACE1	\$0.29	1	6
Per Bag			
AB ACE5	1.39	5	52
Per Lb. Sack			
AB ACE100	.25	10	100%

AB ACE1—Fifty 1-lb. cartons in a case.

AB ACE5—Ten 5-lb. bags in a case.

GREEN COVER

A popular mixture containing new crop Kentucky blue grass, red top, rye grass, timothy and white clover. Its considerable proportion of rye grass and timothy give quick results. Purity and germination good.

Ingredients are carefully re-cleaned and well blended, and will produce a beautiful turf. This seed is superior to the ordinary run of seeds at this low price, and complies liberally with the most exacting laws of any state. Purity and germination good.



Recommended one pound to each 200 square feet. Directions and analysis with each package.

Nos.	Per Carton	Contains, Lbs.	Weight Each, Per Case or Bag, Lbs.
AB GC1	\$ 0.20	1	61
Per Bag			
AB GC5	.95	5	52
Per Sack			
AB GC100	15.00	100	100%

AB GC1—Fifty 1-lb. cartons in a case.

AB GC5—Ten 5-lb. bags in a case.

ACME INSECTICIDES AND FUNGICIDES

Protects trees, orchards, gardens from the ravages of insects and fungus diseases.

LIME SULFUR



A superior spray for summer. Use on shade trees, vines and shrubs, fruit trees, citrus fruits, raspberry, blackberry, currant, and gooseberry bushes. For control of aphids, thrip, red spider, oyster shell scale, blister mite, scab leaf spot, shot hole fungus, brown rot, leaf curl, citrus rust mite, rose scale, anthracnose. Reduces apple rust, increases marketable crop. Especially recommended for dormant spray for scale insects. Approved by Bureau of Animal Industry of U. S. Dept. of Agriculture, for dipping sheep and cattle.

It is a standard 33° Baume lime and sulfur solution converted to dry powdered form with the effectiveness of the liquid product. More convenient to handle than the liquid form as it does not deteriorate, freeze or crystallize, eliminates freight charges on 65% water when in liquid form and does away with necessity of returning empty barrels. It dissolves readily in cold water.

Nos.	Per Can	Quan. In Each, Case	Wt. Lbs.
ABLS1—1-lb. Cans (metal)	\$0.35	24	35
ABLS5—5-lb. Cans (metal)	1.45	6	40
#ABLS25—25-lb. Drums (steel)			30
	Per Lb. .16		
#ABLS100—100-lb. Drums (steel)			
(8-12½-lb. Bags)			
	Per Bag 1.60		110
#ABLS200—200-lb. Drums (steel)			
(16-12½-lb. Bags)			
	Per Lb. .15		220

BEAN BEETLE DUST



A high-grade dust made primarily for use in fighting the Mexican bean beetle. Controls the yellow spring grub that gnaws into bean pods and chews leaves into skeletons underneath. The adult is the spotted lady bug. This bean beetle dust is also a good general insecticide. Dust by hand or blower.

In addition to the usual ingredients employed in a poison of this type this product contains sodium fluosilicate which acts as a contact poison. The contact poison irritates the beetle and causes it to stop feeding immediately to rid itself of the irritation.

Nos.	Each	Quan. In Each, Case	Wt. Lbs.
#ABBD1—1-lb. Carton	\$0.30	24	32
#ABBD4—4-lb. Bag (paper)	.70	6	28
#ABBD100—100-lb. Drums (steel)	10.50		110

APHIS SPRAY

Paste Form

Protection from sucking and chewing insects for rose bushes, shrubs, vines, flowers, trees, fruit trees and ornamental evergreens, grape vines, currant and gooseberry bushes, potatoes, beans, peas, onions, cauliflower, brussels sprouts. Destroys and resists aphids, beetles, box Elder bugs, rosy and green apple aphids, pear thrips, grape leafhopper, currant and gooseberry aphids, currant worms, onion thrips, sucking insects on potatoes, beans and peas, slugs, caterpillars, leaf miners, white flies.

Combines the two oldest and finest contact poison sprays—Black Leaf 40 and Fish Oil soap. Easy to use. Contains 1 ounce of Black Leaf 40 and 2 ounces of soft Fish Oil soap making 6 to 8 gallons of effective spray.

AB3AS—3-oz. tubes—weight per dozen
5½ lbs. Each \$0.35

Each tube in an individual carton, twelve in an attractive counter display box, two dozen in a case.

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.

VIGORO SPREADERS



Easy to operate! Useful in sowing seed, spreading plant food, scattering lime. Eliminates waste and messiness of hand application. Forced-feed distribution principle assures even distribution of Vigoro and seed. Scatter-board permits successful application of plant food even on windy days.

SIMPLE DURABLE CONSTRUCTION

Heavy sheet steel hopper with heavy steel disc wheels. Force feed. Positive regulating dial makes it possible to apply at exact rate desired. Shut-off control located on handle. Varnished hardwood handle with cross bar and steel braces.

SPECIAL—EXTRA WIDE

A time and money saver on larger places such as golf courses, estates, and parks.

Spreading width 36 inches. Capacity hopper 100 lbs.

ABVSP Special—Weight each 51 lbs. Each \$21.45

STANDARD

The favorite for school, hospital, factory grounds and other fair sized property. A great time saver.

Spreading width 24 inches. Capacity hopper 65 lbs.

ABVS Standard—Weight each 39 lbs. Each \$12.75

JUNIOR

Popular, convenient size for the average lawn.

Spreading width 16 inches. Capacity hopper 35 lbs.

ABVJ Junior—Weight each 16 lbs. Each \$6.95

MODEL B

Just the right size for the small home owner. Light and convenient for women's use.

Spreading width 14 inches. Capacity hopper 15 lbs.

ABVB Model B—Weight each 11 lbs. Each \$3.25

One in a carton.

VIGORO

A BALANCED FERTILIZER

The complete balanced plant food! Formulated to supply in proper proportions, all of the eleven plant food elements essential to produce maximum growth and beauty. Excellent to use on lawns, gardens, shrubbery, trees, flowers and potted plants.

Vigoro provides a steady release of available plant food throughout the growing season. It is economical, clean, odorless, sanitary and easy to use. Used and recommended by leading horticulturists and landscape gardeners throughout the country.



Nos.	Per Bag	Quan. In Each, Case	Wt. Lbs.
ABV100	\$4.00	100-lb. Bag	100
ABV50	2.50	50-lb. Bag	50
ABV25	1.50	25-lb. Bag	25
Nos.	Per Pkg.	Quan. In Each, Case	Wt. Lbs.
ABV10	\$0.85	10-lb. Pkg.	6
ABV5	.45	5-lb. Pkg.	14
ABV1	.10	1-lb. Pkg.	32

CATTLE SPRAY IMPROVED "WATER TYPE"



COW GUARD

A concentrate which may be diluted as much as 15 to 1 with water. Economical to use. Spray directly on the cow to repel and kill flies.

Satisfaction absolutely guaranteed or money cheerfully refunded.

An improved, water type cattle spray, that causes no rise in the animal's body temperature when properly diluted with water.

Its harmless, non-injurious vegetable oil base has none of the bad effects produced by most mineral oil sprays.

- Does not stain nor make the hair gummy.
- No discomfort to cow.
- Tends to make skin soft and pliable.

Nos.	Per Can	Size Cans	Weight Per Case, Lbs.
AB CG90	\$0.89	½ Pint	8½
AB CG150	1.45	1 Pint	16
AB CG500	4.65	½ Gal.	18

Packing: ¼-gallon—four in a case.
Others—one dozen in a case.

STOCK SPRAY

E-Z-BOS



- Kills flies and lice on live stock without discoloring, burning or blistering the skin.
- Repels flies for 48 hours.
- Will not taint milk or smother the animal or person applying it.
- Very economical—stainless, transparent, pleasant to use, contains no heavy substances.
- Effective as a disinfectant.

Keep it around the house and barn to kill mosquitoes, moths, ants, spiders, roaches, gnats, bedbugs and other pests. Buy in large quantities for greater economy.

In Screw Top Tin Cans

AB EZ1—One Gallon Cans. Weight per carton 55 lbs. Each \$1.19

One-half dozen in a carton.

AB EZ5—Five-Gallon Cans. Weight each 50 lbs. Each \$4.75

AB EZ30—Thirty-Gallon Steel Drums. Weight each 270 lbs. Each \$21.75

AB EZ50—Fifty-Gallon Steel Drums. Weight each 440 lbs. Each \$31.75



SWISH

Protects cattle, horses, hogs, poultry from flies, mosquitoes, gnats, lice, fleas, and other troublesome insects.

Reliable, safe, sanitary and economical! It is practically odorless and will not blister the hide, stain the hair, taint the milk nor catch dust or dirt.

In Screw Top Tin Cans

One Gallon Size

AB 1S—Weight per dozen cans 110 lbs. Each \$0.89

One-half 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.

FLY AND INSECT KILLER

There's no need for you to be troubled by household pests. Use this safe, satisfactory spray about the house, dairy or barn.



"FLY-DED"

Kills flies, moths, mosquitoes, ants, gnats, spiders, fleas, roaches, bedbugs and other bothersome insects.

This spray is non-poisonous, stainless and has a pleasant odor. Keep a supply on hand and enjoy freedom from insect raids.

Nos.	Each	Contents, Cans	Doz. Weight in Per Case, Case Lbs.
AB 482	\$0.10	6 Oz.	2 12
AB 485	.20	1 Pt.	2 28
AB 486	.39	1 Qt.	1 26
AB 888	1.39	1 Gal.	½ 48

GERM KILLER



Disinfects!
Sterilizes!!
Purifies!!!

The only nationally advertised product of its kind.

The original concentrated sodium hypochlorite disinfectant and sterilizer. It is

a powerful antiseptic, deodorant and purifier.

The active agent is chlorine in the form of sodium hypochlorite, a powerful germ or bacillus killer. It leaves no odor after its use. Can be used where most other disinfectants are barred. It is not an acid, contains no oil or grease.

Powerful as it is, this germ killer is perfectly safe to use in solution.

Use it to disinfect your house, to sterilize and purify milk bottles, refrigerator dishes, fruit jars for canning, lunch-eon kits.

It is the perfect disinfectant and sterilizer for restaurant, soda fountain, school, home, dairy, poultry house or dog kennel.

Favored by Everybody!

It is preferred by dairymen, poultrymen, veterinarians, fur breeders, and the dairy products industry. Is safe, pleasant and economical to use.

LIQUID Ready to Use

Nos.	Each	Size	Doz. Weight in Per Case, Case Lbs.
AB BK50	\$0.50	10 Oz.	2 35
AB BK90	.90	1 Qt.	1 48
AB BK200	2.00	1 Gal.	½ 17
AB BK850	8.25	5 Gal.	½ 67

POWDER

For dairies and farmers who wish to make their own sterilizer and disinfectant. One bottle No. AB BK150 makes three gallons of solution containing 3½% available chlorine.

Complete instructions for mixing and directions for use with each bottle.

Nos.	Each	Size	Doz. Weight in Per Case, Case Lbs.
AB BK75	\$0.75	9½ Ozs.	1 16½
AB BK150	1.50	1½ Lbs.	1 42

Arnold's Garden Hose Insecticide Sprayers and Cartridges

INSECTICIDE SPRAYERS

- Provides the easiest, most effective, most economical control of garden insects and plant diseases.
- Controls fungus growths, plant diseases and both sucking and chewing insects.
- Provides an adequate spray in a jiffy—as much as you need, when you want it, without fuss, muss or bother.
- Ruggedly constructed but light in weight and as easy to operate as your garden hose. Can be used with one hand, leaving other hand free to spread and turn leaves and branches when necessary.

EASY TO OPERATE—PRODUCES A FINE SPRAY

Sprayer is a special mixer quickly and easily attached to garden hose in place of regular nozzle. Has non-leak shut-off, a non-breakable, transparent cartridge chamber and extension angle spraying nozzle. Used with the various Arnold insecticide cartridges it provides a uniformly mixed, adequate spray. Water in the hose passes through the chamber under pressure, dissolving cartridge, and forming correct control solution which is forced out of the nozzle in the form of a fine cloud-like spray.



All exposed metal parts chromium plated, with shut-off, transparent cartridge chamber and 12-inch angle nozzle. Length over all 20½ inches.

Six Cartridges—One each

- Arsenate of Lead (No. AL35)
- Balanced Fertilizer (No. FER35)
- Bordeaux Mixture (No. BOR35)
- Colloidal Sulphur (No. SUL35)
- Nicotine (No. NIC35)
- Pyrethrum-Rotenone (No. PR35)

Balanced fertilizer (No. FER35), Bordeaux mixture.

AB AC500—Combination Set. Weight per set 3 lbs. Per Set \$4.75

One set in a carton.

ARNOLD JUNIOR MODEL Serviceable! Economical!



Red or Green Dulux Finish

This sturdy sprayer is constructed of all metal with shut-off and cartridge chamber and 9-inch brass finish angle nozzle. Length over all 17½ inches.

AB AJR250—Sprayer Only. Weight each 1 lb. Each \$2.45

One in a carton, complete with rubber washers.

SUB-SURFACE FEEDER AND IRRIGATOR

Assures new plant growth and beauty! Perfect for plant protection in dry soil or during unusually dry seasons. Used to place water or fertilizer at roots of plants at correct depth for root feeding. Eliminates waste from evaporation. Induces root to grow down toward moisture instead of upward as they do when only top soil is watered.

As illustrated, this device is an iron pipe or needle perforated at the pointed end. It is attached to the cartridge chamber, with a balanced fertilizer cartridge in chamber, and inserted several times to the desired depth around the base of plant or shrub.

Dulux Finish

Length 36 inches.

AB 150FI—Weight each 2 lbs. Each \$1.45

Packing—bulk.



INSECTICIDE AND FERTILIZER CARTRIDGES

For use with Arnold's insecticide sprayers Nos. AB AC500 and AB AJR250.

Manufactured according to formulas compounded by recognized authorities on plant culture and diseases. Contain ingredients which assure positive control under adverse conditions without harming plant growth.

They contain a special spreader which spreads an adhesive film of the insecticide over the plant surface as the spray strikes, thus prolonging its efficiency and preventing it from quickly evaporating or forming in drops and rolling off.

Cartridges are 5x¾ inches and fit accurately.

AB SUL35—Colloidal Sulphur contains sulphur in its finest and most efficient form. Cartridges may be used on all plants at any time to control rust, mildew, black spots, scabs, and are killing agents or repellents for red spiders, spider mites, ants and other parasites... Each \$0.35

AB PR35—Pyrethrum and Rotenone used for control of both sucking and chewing insects such as aphids, thrips, ants, cutworms. Non-injurious to man and animals (licensed under U. S. patent No. 1,967,024). Authorities agree that the combination P-R cartridge is so thoroughly effective against both sucking and chewing insects that poisonous sprays may be entirely eliminated from the home garden... Each .35

AB NIC35—Nicotine contains a popular contact insecticide Nicotine which effectively controls aphids, lice, thrips, red spiders, worms, potato bugs, soft scale. Because of its odor it tends to keep dogs and cats away from shrubs and plants... Each .35

AB AL35—Arsenate of Lead for the control of brown tail moth, gypsy moth, leaf beetle, green apple bugs, apple scab, asparagus beetle... Each .35

AB BOR35—Bordeaux Mixture for the control of fungus disease of fruit, ground crops, vegetables... Each .35

One-half dozen in a carton.

For Use With Arnold's Sub-surface Feeder No. AB 150FI

AB FER35—Complete Liquid Fertilizer. Keeps plants healthy, well nourished and more resistant to disease. It is a scientifically balanced chemical plant food. Consists of nitrogen, phosphoric acid and potash. Compounded from formulas by Doctor Ivan H. Crowell, recognized authority on plant feeding. Arnold fertilizer cartridges should be applied by means of Arnold sub-surface feeder and irrigator, as described... Each \$0.35

Weight per carton 2 lbs. Ten in a carton.

STRAIGHT EXTENSION



For Insecticide Sprayers Nos. AB AC500 and AB AJR250. These extensions are primarily intended for lengthening the range of the sprayer—for spraying tall shrubbery, young trees, rambler roses. All metal, chromium plated. Length 36 inches.

AB 150SS—Weight each ½ lb. Each \$1.45

Packing—bulk.

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

SPRAYERS

UTILITY

- Keep your premises free from insects with these sprayers.
- They are attractive, light in weight, easy to handle and operate.
- Choose the sprayer you need now to get rid of troublesome pests.



GLASS JAR TANK

Designed with quart glass jar tank to hold the solutions that affect metals.

A favorite with housewives, gardeners, poultry men. Especially useful for fumigation purposes.

Pump—1½x18 inches. Heavy tin, green lacquered and labeled, with cap and bracket soldered and braced. Steel plunger rod with black stained wood handle. Steel disc and special leather plunger cup. Double spraying tube.

Glass jar—one quart glass jar 7x3¼ inches with gasket to prevent leakage. Any quart Mason pattern glass jar can be used.

Length over all 21 inches.

Capacity 1 Quart

AB 427J—With glass jar. Weight per dozen 28 lbs. Each \$0.59



CONTINUOUS SPRAY

This exceptionally sturdy sprayer produces a finely divided continuous mist that gets into every desired place. Handles all sediment-free solutions such as deodorants, disinfectants, insecticides.

Pump—heavy tin, attractively lithographed in green and red. Size 1½x13 inches. Sets into top of tank and securely soldered. Steel plunger rod with black stained wood handle. Steel disc and special leather plunger cup. Brass syphon tube and adjustable nozzle.

Tank—4x4 inches. Heavy tin, lock seamed and soldered. 1¼-inch filler opening with screw cap.

Length over all 19 inches.

Capacity 1 Quart

AB 40—Weight per dozen 13½ lbs. Each \$0.69



Use this rigidly constructed, well balanced sprayer for all general spraying in

and around the house, barn, garden.

Pump—heavy tin, attractively lithographed in green and red. Size 1½x13 inches. Passes through tank and is securely soldered. Steel plunger rod with black stained wood handle. Steel disc and special leather plunger cup. Single spraying tube.

Tank—heavy tin, 4x4 inches. ½ inch filler opening with screw cap. Carefully tested and inspected.

Length over all 18½ inches.

Capacity 1 Quart

AB 33—Weight per dozen 15 lbs. Each \$0.39

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.



A general purpose sprayer at a moderate price. For use with any and all insecticides and disinfectants.

Pump—heavy tin, attractively lithographed in green and red. 1½x13 inches. Sets into top of tank and soldered. Steel plunger rod with black stained wood handle. Steel disc and special leather plunger cup. Single spraying tube.

Tank—4x4 inches. Heavy tin, carefully tested and inspected. ½-inch filler opening with screw cap. Length over all 16½ inches.

Capacity 1 Quart

AB 334—Weight per dozen 15 lbs. Each \$0.29



This handy, light weight sprayer is popular for house and garden use. It sprays disinfectants and insecticides easily and effectively.

Pump—heavy tin, attractively lithographed in green and red. 1¼x10 inches. Steel plunger rod with black stained wood handle. Steel disc and special leather plunger cup. Single spraying tube.

Tank—3x3 inches, heavy tin, carefully tested. ½-inch filler opening with screw cap.

Length over all 15 inches.

Capacity ¾ Pint

AB 202—Weight per dozen 7½ lbs. Each \$0.25



Outstanding Value
A handy efficient general purpose sprayer.

Pump—1¼x10 inches. Pump is set into top of tank and soldered. Steel plunger rod with black stained wood handle. Steel disc and special leather plunger cup. Single tube.

Tank—3x3 inches, heavy tin, carefully tested. ½-inch filler opening with screw cap.

Length over all 12¼ inches.

Capacity ¾ Pint

AB 230F—Weight per dozen 7 lbs. Each \$0.19

One dozen in a carton.

SMALL SPRAYERS

Makes a fine misty spray!

Practical, economical and desirable for use on particular or individual jobs. Fine for disinfecting small places such as garbage cans and closets. Sprays mothproofing chemicals efficiently.

Pump—Tin cylinder 1¼x7 inches, with threaded cap and single spraying tube. Steel plunger rod with black wood handle. Steel disc and special leather plunger cup.

Capacity 3½ Ozs.

Glass jar 2¼x2½ inches. Length over all 9½ inches.

AB G2—Weight per dozen 7 lbs. Each \$0.15



One dozen in a carton.

Capacity 5½ Ozs.

Tin tank 3x1½ inches. Length over all 9¼ inches.

AB 354—Weight per dozen 4 lbs. Each \$0.15



Two dozen in a carton.

SPRAYERS



**STREAM-LINE
BLIZZARD
—CON-
TINUOUS
SPRAY
Copper
Tank—
Brass Pump**

This sprayer is of the simplest mechanical construction and can be operated by anyone. It is built of the finest materials to insure long wear and durability. Can be disassembled without tools for cleaning.

Gives a continuous unbroken spray with slow pumping and will spray all insecticides for flowers, garden vegetables, shrubbery, plants. Excellent for spraying disinfectants, household fly spray, cattle spray.

Pump—seamless brass streamline barrel, $1\frac{1}{2} \times 15$ inches, with twin nozzle for straight or angle spraying. Screws to tank. Steel pump rod with black enameled wood handle. Steel disc and leather plunger cap.

Tank—solid copper, streamlined, with extra large opening for easy filling.

Finish—highly polished and lacquered.

Length over all $18\frac{1}{2}$ inches.

Capacity $1\frac{1}{2}$ Quarts

TB 14C—Weight per dozen 23 lbs. Each \$1.98

One-half dozen in a carton.

CATTLE SPRAYERS UTILITY



CONTINUOUS SPRAY Galvanized Steel Tank

A very popular large capacity continuous sprayer with improved variable nozzle that can be adjusted to household insecticides, disinfectants, cattle spray, stock dips. Does a very efficient job, thoroughly, easily, rapidly and without waste.

Pump— $1\frac{1}{2} \times 13$ inches. Heavy tin, nicely lithographed in green and red. Sets into top of tank and is securely soldered and specially braced to tank. Steel plunger, with black stained wood handle. Steel disc and special leather plunger cup. Brass nozzle adjustable for any liquid or any type of spray.

Tank— $5\frac{3}{4} \times 6\frac{3}{4}$ inches, heavy galvanized steel with set-in ends, beaded and sweat soldered. $\frac{7}{8}$ -inch filler opening, with screw cap.

Length over all $19\frac{1}{4}$ inches.

Capacity 3 Quarts

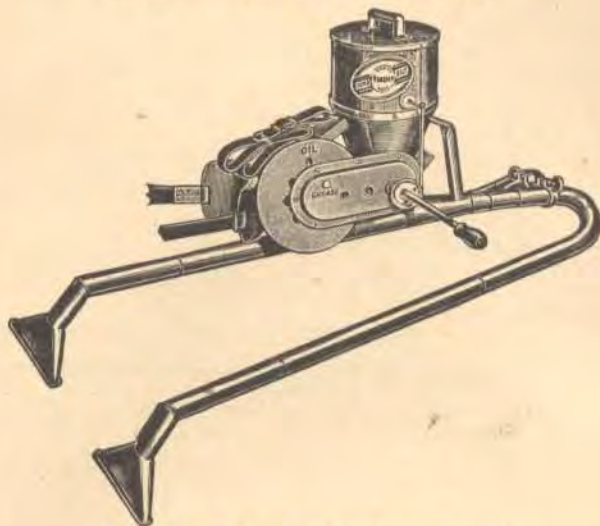
AB 235—Weight per dozen 30 lbs. Each \$1.39

One-sixth dozen in a carton.

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.

INSECTICIDE DUSTERS



DOBBINS' SUPERBILT UNIVERSAL

For dusting low-growing crops such as potatoes, cabbage, cotton—also for dusting shrubs and trees.

- Designed to discharge dust in rear of operator eliminating need of walking through poisonous dust. May be adjusted to discharge in front of operator if desired. Can be used effectively on horseback as machine is held securely by curved adjustable body support with shoulder and waist straps.

- Easy to operate for any angle or width. Agitator forces flow of fine powder into dust chamber and delivers a uniform film-covering dust cloud.

- Made with steel cut gears that run in oil in dustproof case. Long life bronze bearings. Large cover with special fastenings make it easy to fill.

Capacity—5 to 10 lbs. depending on kind of powder used.

Construction—Heavy lead-coated steel, attractively painted.

Size—Length without fittings 20 inches, height 15 inches. **Equipment**—Four 15-inch pipes, one branch connection, four special elbows, four regular elbows and two nozzles.

Complete with attachments for dusting one or two rows or for dusting trees and shrubs.

AB 200—Weight each 15 lbs. Each \$12.75

One in a carton.

Here is the ideal sprayer to fight roaches, ants, flies, plant lice, fleas and other troublesome pests!

It's easy to operate, compact in construction, convenient size and shape to pack away when not in use.



Powder reservoir fitted with valve to prevent powder working into air chamber. Large screw cap, easily removed for filling or emptying.

Pump and powder reservoir—heavy tin, attractively lithographed in green and red. $1\frac{1}{2} \times 10\frac{1}{4}$ inches, 7-inch stroke. Steel plunger rod with black stained wood handle. Steel disc and special leather plunger cup.

Length over all $13\frac{1}{4}$ inches.

Powder Reservoir $1\frac{1}{2} \times 3$ Inches

AB 660—Weight per dozen 14 lbs. Each \$0.29

One dozen in a carton.

COMPRESSED AIR SPRAYERS

UTILITY

Operates successfully under high pressure, sprays faster and better than the hand pressure types. Tanks are sturdily built of first quality galvanized sheet steel with convex ends securely held by double fold top and bottom seams. Construction further reinforced by riveting and sweat soldering top, side and bottom seams. Natural galvanized finish with lacquered green top and bottom. Attractive lithographed green and red label. Complete with red web shoulder strap.

Pump cylinders are seamless brass tubing with plunger fitted with specially treated cup leather. Fitted with malleable D handle.

Funnel top for convenience in filling, emptying or draining. With this construction tank can be rinsed free of sediment and drained completely dry.



This is a high pressure sprayer adapted for city and suburban use. Preferred by housewives because of its convenient size and easy operation. Suitable for all work around the home, flower beds, garden. It does the same efficient work as any of the large capacity compressed air sprayers.

Tank—17 inches high, 6 1/2 inches in diameter.

Pump—1 1/4 x 14 inches attaches to tank by malleable cam lock which locks into heavy pressed steel ball valve, impervious to

tank collar. Recessed bronze action of oil or creosote solution.

Equipment—Interwoven hose 3/4 x 24 inches attached directly to supply tube that extends to bottom of tank. Shut-off valve is all brass and automatic in operation. Operates under all pressures. Equipped with 18-inch brass extension and angle nozzle tip.

Capacity 2 Gallons

AB 347F—Weight per dozen 108 lbs. Each \$3.59



New and Improved Shut-Off Valve

May be locked open so that when there is any extended spraying to be done, the operator can adjust the angle for it and then be free from the tedious job of holding the valve open as is the case with other types. A slight pressure of the finger or thumb down on the one side locks the valve open. A slight pressure in the reverse direction releases it and closes it tightly so that it will not leak or drip. It can be used like any ordinary type for turning off or turning on instead of locking, if desired.

Successfully handles all spraying solutions used on the farm and in the garden. Will also spray whitewash, cold water paints, stock dips, disinfectants.

Tank—7 1/2 x 19 inches. Tested at 100 lbs. pressure.

Pump—1 1/4 x 12 inches. Plunger air-pak construction insuring maximum efficiency. Attaches to tank by cam lock. Cylinder friction gripped by cam lock top, making a unique unit construction. Pump independently locked or released by half turn of unbreakable malleable pump handle.

Equipment—Special high pressure spray hose 3/4 x 22 inches—attaches directly to the syphon tube, which extends to bottom of tank, insuring discharge of all liquid. Shut-off valve. Fitted with 2-foot curved brass extension rod. Standard tapered 1/4-inch pipe threads permit adding additional units. Disc type nozzle.

Capacity 3 1/2 Gallons

AB 191G—Weight per dozen 120 lbs. Each \$3.59

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.

Easy to open, fill, seal, drain and clean.

DOBBINS SUPERBILT BIGHEAD

Gives superior spraying service for whitewash, cold-water paints, stain, stock dips and all disinfectants. Check these important construction features: (1) Large opening, easy to fill or drain; (2) positive quick action sealing device with quick air release; (3) high-pressure seamless brass pump, 1 1/2 inches in diameter, 14 inches long. Self-lubricating pressure seal valve plunger that delivers more air per



stroke, prevents air loss, relieves friction. (4) Tank, 7 1/2 inches diameter, 20 inches high. Prime galvanized steel riveted, beaded and soldered. (5) Automatic shut-off, with 22-inch 2-braid spray hose and 24-inch brass extension rod with Aphis angle nozzle. Natural finish, red lacquered top, bottom, red hose and shoulder strap.

TESTED TO MANY TIMES THE HIGH OPERATING PRESSURE

Capacity 3 1/2 Gallons

AB 34G—Galvanized tank. Each \$4.75

One in shipping carton.

KNAPSACK SPRAYERS



UTILITY

Entire inside of tank is accessible for quick, easy filling, emptying or cleaning.

Makes it particularly efficient with agricultural insecticides and fungicides. For nurseries, greenhouses, municipal parks, forest preserves, golf courses, summer camps, cemeteries, garden and field crops, vineyards, small orchards, shrubbery, flowers, fighting fires, sprinkling lawns.

Tank—Heavy gauge galvanized sheet steel, with completely removable head. Large removable fine mesh copper strainer. Broad, adjustable carrying straps attached with snaps.

Pump—Diaphragm type, using a specially compounded rubber reinforced by large metal discs. Operating lever is adjustable for height of operator or length of arm. Brass air chamber. Valves are bronze balls mounted in brass removable cages, protected from sediment by fine mesh copper screen.

Equipment—3 feet of 3/8-inch special spray hose. All brass shut-off which locks open for continuous spraying. Copper mesh screen in end of hose line. 2-foot brass extension. All brass adjustable spray nozzle.

Capacity 4 Gallons

Oval 14 1/2 x 7 1/2 inches. Height 14 1/2 inches.

AB 247G—Weight each 18 lbs. Each \$14.75

Packed in two cartons.

#BARROW SPRAYERS

UTILITY

Combines the essentials of portability, ample capacity and high pressure. It is light, compact, easy to handle and to operate!

ONE MAN TYPE

Convenient for use in orchards, vineyards, flower gardens, greenhouses, nurseries, cemeteries, country clubs, vegetable gardens, barns, fields, poultry houses, dairies.

Successfully handles insecticides, fungicides, disinfectants, whitewash, cold water paint or water.

Tank—Heavy gauge galvanized sheet steel. Reinforced top edge. Beaded top and bottom for rigidity and added strength. Bottom seam folded and sweat soldered. Malleable lugs attach tank to frame—easily detached.

Pump—Lever operated. Easily removed for cleaning. Bronze ball valves accessible without dismantling. Fitted with non-clogging tubular brass screen which provides a strainer area 15 times greater than usual types. Special dasher agitator cleans screen thoroughly at each stroke of pump, permitting use of solution 25% to 33½% more concentrated.

Frame—Heavy channel steel with steel cross braces. Handles have shaped grips.

Wheel—16 inches in diameter, 2-inch tire. Light, strong and sturdy. Runs on steel bushing.

Equipment—5 feet of ¾-inch high pressure spray hose, 2-foot brass extension, brass angle spray nozzle and Perfection automatic shut-off.



With Reserve Air Pressure Tank

This sprayer is truly a one-man outfit. After a head of pressure has been developed the sprayer will operate for some little time before further pumping is necessary. The reserve

air pressure likewise insures an even high pressure and uniform discharge. Air pressure tank is boiler iron, with all seams welded. Tested under pressure of 275 lbs. Fitted with pressure gauge calibrated to 200 lbs. Securely anchored to frame.

Capacity 12½ Gallons.

#AY 237—Weight each crated, 65 lbs.....Each \$17.95

Without Air Pressure Tank



Capacity 12½ Gallons

#AY 236—Weight each crated, 40 lbs.....Each \$11.95

AT AN UNUSUALLY LOW PRICE!



keep solution properly mixed. Truck is channel iron, securely braced and reinforced with tie rods.

Equipment—5 feet of ¾-inch 5-ply spray hose, 2-foot extension and angle spray nozzle.

#AY 231—Weight each crated, 36 lbs.....Each \$10.45

One in a crate.

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

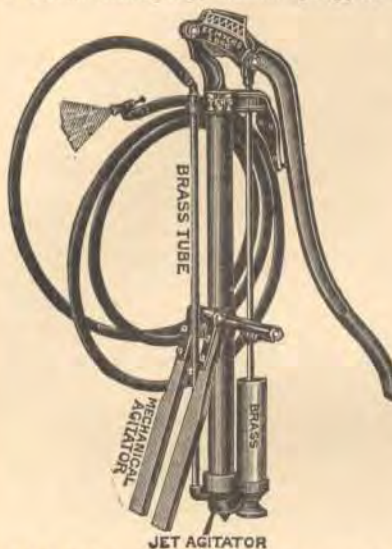
Retail prices quoted above are those found to be prevailing in the St. Louis area. Freight to destination should be added.

SPRAY PUMPS

MYERS' IMPROVED BARREL SPRAY

For Liquids

- This serviceable pump is simple in construction and is well made.
- It is the ideal spray pump for the ordinary sized orchard or garden.
- Requires no priming as all working parts are submerged in liquid when in use.
- Gives fine spray, coarse spray, or solid stream.



Patented Cog Gear Operating Handles

Brass cylinder, 2 inches in diameter. Bronze ball valves. Brass valve seats and ½ inch discharge pipe. Self expanding plunger. Malleable iron top and bottom frames.

Complete with both jet and mechanical agitators. Five ply discharge hose, ½ inch in diameter, 15 feet long.

Graduating Vermorel solid brass nozzle for fine or coarse spray and solid stream.

AB R305B—Weight per dozen 456 lbs.....Each \$16.25

MYERS' LITTLE GIANT BUCKET SPRAY FOR LIQUIDS

Throws a solid spray 50 feet!

Non-corrosive brass working parts and box valves.

For spraying trees, washing windows and machines, extinguishing fires, sprinkling lawns, flowers, etc. For spraying, a fine jet is discharged in bottom of bucket to keep solution thoroughly mixed and agitated. Also provided with sprinkler for flowers.

The labor of pumping is on down-stroke only. Throws continuous stream—not affected by plunger.

Construction

All brass with malleable iron foot rest to hold pump steady while pumping or spraying.

Complete with agitator, hose and Imperial combination, fine and coarse spray and solid stream nozzle.



AB 327F—Weight per dozen 72 lbs.....Each \$4.50

One in a carton.

KEEN KUTTER TOOLS
DO A GOOD JOB

UTILITY BUCKET PUMPS

- Easy to operate.
- Produces high pressure.
- Gives long, efficient service.
- Sells at a nominal price.

Uses

Suited for spraying insecticides and disinfectants, for stock dip and for emergency fire pump.

Height over all 24 $\frac{3}{4}$ inches.

Plunger cylinder and all working parts are brass. Malleable iron foot rest and pump handle.

Complete with 3 feet of $\frac{3}{8}$ -inch special spray hose and disc type nozzle for fine spray or solid stream. Intake strainer prevents sediments and solid particles from entering pump.

AB 112—Weight each 4 lbs.....Each \$2.75

One in a carton.

SPRAY HOSE



Especially well constructed for use with compressed air sprays and spray pumps.

Will stand a pressure up to 30 lbs. to the square inch. Withstands exposure and hard service.

Three ply—outside diameter $\frac{9}{16}$ inch, inside $\frac{3}{8}$ inch. Outer surface and inner tube are heavy red rubber stock, covering a high grade fabric, well frictioned.

AB 50 $\frac{3}{8}$ —Weight per 100 feet, 12 lbs.....Per Foot \$0.10

In lengths of 50 feet, cut to order, without couplings.

SPRAY HOSE CLAMPS

For $\frac{3}{8}$ Inch 3-Ply Hose



Suitable for use on air, spray and welding hose.

Heavy wrought brass, natural finish. Fitted with round head steel bolt and square nut.

AB $\frac{3}{8}$ 2—Weight per dozen $\frac{1}{4}$ lb.....Each \$0.05

Twelve dozen in a carton.

SHUT-OFF VALVE AND NOZZLE

UTILITY

For all standard makes of compressed air sprayers.

Locks open for continuous spraying, yet can be instantly released with a flick of the finger. Reversible spray disc adapts it for fine or coarse spray, or for solid stream.



All brass head and nozzle, accurately machined. Large, non-clogging liquid channels. Reversible spray disc for fine or coarse spray—or solid stream when removed.

Wrought steel operating lever. Threaded for $\frac{1}{4}$ -inch standard iron pipe. Complete with extra disc.

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

AB 176—Weight each $\frac{1}{2}$ lb.....Each \$1.45

Packing—bulk.

SPRAY PUMP NOZZLES

MYERS' VERMOREL

For No. AB R305B Spray Pumps



Solid Brass

Threaded to attach to coupling of $\frac{1}{2}$ inch hose.

AB N—Weight per dozen
1 $\frac{1}{2}$ lbs.Each \$0.95

For No. AB 327F Spray Pumps



Solid Brass

Threaded to attach to coupling of $\frac{1}{2}$ inch hose.

AB MN—Weight per dozen
 $\frac{3}{8}$ lb.Each \$0.49

One in a carton.

DRAG ROAD SCRAPERS

With heavy steel ball, swivel eye and handle sockets; 29 $\frac{1}{2}$ -inch hardwood handles, painted black.



inches wide, riveted to bottom.

AMERICAN PATTERN

Japanned one-piece, 12 - gauge, sheet steel body, round back. Two steel runners, 22 inches long, 1 $\frac{1}{2}$

Dimensions

Nos.	AY A12	AY A22	AY A32
Width of Body, Inches	31 $\frac{1}{2}$	28 $\frac{1}{2}$	24 $\frac{1}{2}$
Depth of Body, Inches	10 $\frac{1}{2}$	10	9 $\frac{1}{2}$
Length Over All, Inches	75	71	64

Nos.	Each	Cap., Cubic Feet	Wt. Each, Lbs.
AY A12	\$8.95	7	78
AY A22	8.45	5	70
AY A32	7.95	3	60

SLUSSER PATTERN



Japanned sheet steel body, 10-gauge, straight riveted back. Two steel runners 20 $\frac{3}{4}$ inches long, 1 $\frac{1}{2}$ inches wide, riveted to bottom.

Dimensions

Nos.	AY 1S	AY 2S	AY 3S
Width of Body, Inches	31 $\frac{1}{2}$	29	25
Depth of Body, Inches	11	10	9 $\frac{1}{2}$
Length Over All, Inches	74	72	69

Nos.	Each	Cap., Cubic Feet	Wt. Each, Lbs.
# AB 1S	\$10.95	7	91
# AB 2S	10.45	5	87
# AB 3S	9.85	3	75

* Goods marked thus (*) are not carried in stock and can be furnished only 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.

WHEEL BARROWS

SIMMONS

Serviceable, well-balanced barrows, bent angle steel legs, extra braced and bolted. The tray is pressed sheet steel with patent turned edges, bolted and riveted to frame.

Handles extend in front of wheel to afford dumping fulcrum and protect the 16-inch steel wheel.



CONTRACTORS' BARROWS

ALL STEEL

Handles painted red, all other parts black.

Dimensions

Nos.	AY S3	AY S6	AY S10
Steel tray, gauge	18	16	14
Size tray, inches	33x28½x7	37x29½x9½	41½x32x9¾
Depth at handle, in.	4¼	6¾	7
Length, inches	72	78	82
Height, inches	17	19	21
Tread of wheel, in.	1½	1½	1¾

Nos.	Each	Capacity, Cubic Feet	Weight Each, Lbs.
AB S3	\$ 6.25	3	56
AB S6	7.45	4	65
AB S10	11.25	6	88

Note—The capacities given above are correct when handling dry material, which can be heaped up. No. AY S10 is particularly suitable for handling coal and coke.

One in a bundle; knocked down.

EXTRA FRAMES

Nos.	Each	For Barrows, Nos.	Weight Each, Lbs.
AB SF4	\$3.35	AY S4	20¾
AB SF6	3.65	AY S6	20¾
AB SF10	4.85	AY S10	31½

EXTRA TRAYS

AB ST4	3.95	AY S4	30
AB ST6	4.25	AY S6	35
AB ST10	6.65	AY S10	45

EXTRA WHEELS

AB SW46	1.85	AY S4 and AY S6	13
AB SW10	2.25	AY S10	14

Packing—bulk.

HARDWOOD FRAME



Tray is 16-gauge steel—37 inches long, 29½ inches wide. Wheel tread 1½ inches. Height 21½ inches. Length over all 63 inches.

Tray, wheel and other metal parts painted black. Handles and other wood parts bright red.

Capacity 4 cubic feet.

AB S27—Weight each 65 lbs. Each \$8.25

One in a bundle; knocked down.

EXTRA TRAYS for No. AY S27.

AB S27T—Weight each 25 lbs. Each \$4.25

EXTRA WHEELS for No. AY S27.

AB S27W—Weight each 12½ lbs. Each \$2.25

Packing—bulk.



EXTRA STRONG

Tray is 16-gauge steel—29½ inches wide, 37 inches long, 8½ inches greatest depth. Extreme height 26 inches. Extreme length 65 inches.

Tray, wheel and other metal parts painted black. Handles and other wood parts bright red.

Capacity 4 cubic feet.

AB 2B—Weight each 75 lbs. Each \$8.45

One in a bundle; knocked down.

*SPECIAL COAL BARROWS



A large capacity, heavy-duty barrow with rubber-tired wheels for moving coal from trucks to basement window.

Complete With Single Tube, 4-Ply Rubber-Tired Wheel No. D1264, 16x4 Inches

Heavy steel tray 46 inches long, 22 inches wide at back, 16½ inches in front, 8½ inches deep at rear, 12 inches deep in center, 2½ inches deep at front.

One piece 1½-inch tubular steel frame and handles, with double front braces and heavy U-shaped steel legs. Well braced, bolted and riveted throughout.

Capacity 6 cubic feet (300 lbs. coal).

*AY 52RTW—Weight each 90 lbs. Each \$24.45

One in a bundle; knocked down.

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

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RUBBER-TIRED BARROW WHEELS

AUTOMOTIVE TYPE

Easy to Install



Convert standard barrows fitted with ordinary wheels into easy-running, easy-pushing, rubber-tired wheel barrows.

High-grade four-ply black rubber casing with separate inner tube. Heavy steel double disc wheel. Steel hub with angle grease fitting. Diameter wheel 16 inches. Tire and tube 4.00-8 (16x4 inches). Plain bearing for ¾ inch axle. Length hub 7 inches.

AY D1354—Weight each 13 lbs. Each \$10.95

Packing—bulk.

CONCRETE BARROWS FOR CONCRETE OR MORTAR

SIMMONS

An excellent quality, strong barrow that will stand up under a hard job.



Bent angle steel legs, with renewable malleable shoes, securely bolted. One-piece 15 gauge pressed sheet steel tray, with turned edges, bolted to frame; tray mounted on wood riser, elevating front to prevent "slopping" over. Heavy steel wheel 17 inches in diameter, with steel axle. Tray 25½x39½ inches. Vertical depth at handle 7¼ inches, at wheel 10¼ inches. Height over all 25 inches. Handles extend in front of wheel to afford dumping fulcrum and to protect wheel. Handles 1¼x2½x63 inches, shaped to fit the hand. Tray, wheel and other metal parts, painted black. Handles and other wood parts bright red.

Capacity 3 Cubic Feet

AB S20—Weight each 73 lbs.....Each \$8.45

One in a bundle, knocked down.

EXTRA TRAYS for No. AY S20.

AB S20T—Weight each 25 lbs.....Each \$5.45

EXTRA WHEELS for No. AY S20.

AB S20W—Weight each 12½ lbs.....Each \$2.25

Packing—bulk.

LARGE SIZE

Bent channel steel legs, securely bolted, with removable malleable shoes. Pressed steel tray, 16 gauge, with turned edges bolted to frame, mounted on wood riser, elevating front to prevent "Slopping" over. Tray 26½x36½ inches. Vertical depth at handle 8 inches, at wheel 12¼ inches. Height over all 25 inches. Handles extend in front of wheel to afford dumping fulcrum and to protect wheel. Length over all 63 inches. Tray and other metal parts, painted black; handles and other wood parts bright red.

Capacity 4 Cubic Feet



With automotive type 16-inch rubber-tired wheel No. AY D1354 complete with casing and inner tube.

AY 4½RTW—Weight each 73 lbs.....Each \$19.95

With heavy steel wheel 16 inches in diameter with steel axle painted black.

AY 4½—Weight each 79 lbs.....Each \$8.95

One in a bundle, knocked down.

BARROW WHEEL REDUCING BUSHINGS

Required for converting standard barrows into rubber-tired wheel barrows. Cast steel. Outside dimensions—diameter 1¾ inches, length 2 inches. Inside diameter ½ inch. For use on barrows Nos. AY S1½, AY S3, AY S4, AY S6, AY 201 and AY 3HK. For use with barrow wheel No. AY D1354.

AB 5812—Weight per pair ¾ lb.....Each \$0.60

Packing—bulk.



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

WHEEL BARROWS



SIMMONS—RUBBER-TIRED

Just the barrow to use around the home grounds. Large enough for the average job, but will pass through the average doorways.

The pneumatic-tired wheel makes it possible to move larger loads easier and quicker and without damage to lawns, concrete walks, and curbs.

Equipped with Doenut 10x2.75-inch single tube, pneumatic cord tires. Heavy steel double disc wheel, with steel hub.

Pressed 18-gauge steel tray 24 inches wide, 35 inches long, vertical depth in front 8 inches, 5-inch rear; mounted on wood risers, elevating tray in front.

Hardwood handles 1½x2x56 inches, flat steel front braces. Legs made of 1½-inch channel iron, cross-braced, securely riveted, making strong, rigid legs.

Tray and metal parts painted green. Handles and other wood parts bright red.

Capacity 3 cubic feet.

AB SRT3—Weight each 43 lbs.....Each \$7.85

One in a bundle; knocked down.

HOME BARROWS



A lightweight, handy barrow for use around the home and in the garden. It is durable and strong, and will easily pass through the average doorway.

Tray, wheel and metal parts painted green. Handle and other wood parts, bright red.

Pressed steel tray 24 inches wide, 35 inches long, vertical depth in front 8 inches, at rear 5 inches.

Mounted on wood risers, elevating tray in front.

Legs made of 1¼x¼ inch steel, cross-braced, securely riveted, making strong, rigid legs.

Capacity 3 Cubic Feet

AY 3HK—Weight each 43 lbs.....Each \$3.95

One in a bundle, knocked down.

GARDEN BARROWS

SIMMONS

WITH STEEL WHEEL

These barrows are sturdy and strong—ideal for work in your garden, hauling sod, fertilizer, dirt or rocks. They are well balanced—easy-to-handle, and

one side is removable for easy dumping of contents. Hardwood body, frame and handle painted green and varnished. Steel braced wood legs, and steel front braces.

Length of tray inside 26 inches. Width at front 18 inches; width at back 23 inches; depth 12 inches. Height to bottom of tray from the floor 15 inches. Diameter wheel 18½ inches, 1½-inch tread. Length axle 10 inches. Length barrow over all 60 inches.

AB SN1½—Weight each 50 lbs.....Each \$6.25

Packing—bulk; knocked down.

SIMMONS K-K RUBBER HOSE—The Ultimate in Quality

BRAIDED—MOULDED

Buy the Best for Far-Sighted Economy and Continuous Satisfaction of Trouble-Free Use

A hose that is unexcelled for service where long-wearing, abrasion-resisting hose is demanded.

Constructed with two braids of "double-double" yarn, it is extremely strong, yet flexible and will not kink. Alternate layers of heavy seamless rubber tubing and twisted cotton braid of double-double construction are covered by an extra thick, rubber cover stock.

The layers are then vulcanized under high pressure into

one inseparable strong body without layers or plies to pull apart.

The rubber used is of the finest grade, unusually live and resilient.

The cotton cords are a very fine grade of tightly twisted yarn extremely strong and durable.

Materials and workmanship are guaranteed against defects . . . you are guaranteed complete satisfaction and best of service under ordinary use and reasonable care.



RED

TWO-BRAID

"10-year quality"

The $\frac{5}{8}$ inch size will withstand a working pressure of 200 lbs.

In 250-Foot Bales

Inside Diam., Inches	Nos.	Per Foot	Wt. Per Bale, Lbs.
$\frac{1}{2}$	AB K250R $\frac{1}{2}$	\$0.11 $\frac{3}{4}$	70
$\frac{5}{8}$	AB K250R $\frac{5}{8}$	.12 $\frac{1}{2}$	80
$\frac{3}{4}$	AB K250R $\frac{3}{4}$	.13 $\frac{1}{4}$	95

In 500-Foot Bales

Nos.	Per Foot	Wt. Per Bale, Lbs.
AB K500R $\frac{5}{8}$	\$0.12 $\frac{1}{2}$	160
AB K500R $\frac{3}{4}$	.13 $\frac{1}{4}$	190

In 50-Foot Lengths Complete with couplings

Nos.	Per Coil	Wt. Per Bale, Lbs.
AB KC50R $\frac{1}{2}$	\$6.15	15
AB KC50R $\frac{5}{8}$	6.45	17
AB KC50R $\frac{3}{4}$	6.95	20

SIMMONS RUBBER HOSE

(BRAIDED—MOULDED.) CORRUGATED TWO-BRAID

- Extra heavy construction, will resist abrasion and exposure.
- Double-double cord yarn construction.

- Separate layer of rubber between each braid.
- All vulcanized into one mass under pressure.



BLACK

TWO-BRAID

"8-year quality"

The $\frac{5}{8}$ inch size will withstand a working pressure of 175 lbs.

In 250-Foot Bales

Inside Diam., Inches	Nos.	Per Foot	Wt. Per Bale, Lbs.
$\frac{1}{2}$	AB S250 $\frac{1}{2}$	\$0.10 $\frac{3}{4}$	70
$\frac{5}{8}$	AB S250 $\frac{5}{8}$	.11 $\frac{3}{4}$	80
$\frac{3}{4}$	AB S250 $\frac{3}{4}$	.12 $\frac{3}{4}$	95

In 500-Foot Bales

Nos.	Per Foot	Wt. Per Bale, Lbs.
AB S500 $\frac{5}{8}$	\$0.11 $\frac{3}{4}$	160
AB S500 $\frac{3}{4}$	.12 $\frac{3}{4}$	190

In 50-Foot Lengths Complete with couplings

Nos.	Per Coil	Wt. Per Bale, Lbs.
AB S50 $\frac{1}{2}$	\$5.65	15
AB S50 $\frac{5}{8}$	5.98	17
AB S50 $\frac{3}{4}$	6.65	20

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

RUBBER HOSE

It is easy to keep your lawn and garden fresh and green, when you have a dependable hose—one that is strong and durable, yet flexible, lightweight and easy to handle. This high quality hose meets these demands for use around the home, and also for light industrial purposes.



KLICKEER BRAIDED—MOULDED 3-Year Quality

Larger, heavier in cord construction.

Outstanding quality at the low price! This lightweight one braid hose will withstand all ordinary water pressure. The cover is good quality corrugated rubber, to give extra wear and withstand cracking caused by the sun.

Brown Color—Size 5/8-Inch IN COILS—COMPLETE WITH COUPLINGS

Nos.	Per Coil	Length Coil, Feet	Wt. Per Coil, Lbs.
AY 50KL 5/8	\$3.29	50	15
AY 25KL 5/8	1.89	25	7 1/2

Put up in bundles.
IN 250-FOOT BALES

AB 250KL 5/8—Weight per bale 75 lbs...Per Foot \$0.06 1/2



PENNANT

A quality product—braided—moulded.

Well constructed with single braid, moulded corrugated cover . . . heavy walls. Will withstand ordinary water pressures and give entire satisfaction.

Black. Size 5/8-inch.

IN COILS—COMPLETE WITH COUPLINGS

Nos.	Per Coil	Length Coil, Feet	Wt. Per Coil, Lbs.
AY PB50 5/8	\$2.89	50	14
AY PB25 5/8	1.59	25	7

Put up in bundles.
IN 250-FOOT BALES

AB PB250 5/8—Weight per bale 70 lbs...Per Foot \$0.05 3/4



Size 5/8-inch.

IN COILS—COMPLETE WITH COUPLINGS

Nos.	Per Coil	Length Coil, Feet	Wt. Per Coil, Lbs.
AY AR50 5/8	\$2.39	50	16
AY AR25 5/8	1.29	25	8

Put up in bundles.

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

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LACLEDE

Green



A Quality One
Braid Moulded
Hose

5-year quality.

This good quality corrugated rubber hose has double cord construction and thick, sturdy walls. It's guaranteed against defects in workmanship and material, as

well as from breaking from ordinary water pressures anywhere in the United States.

Green. Size 5/8-inch.

IN COILS—COMPLETE WITH COUPLINGS

Nos.	Per Coil	Length Coil, Feet	Wt. Per Coil, Lbs.
AB LG50 5/8	\$5.45	50	15
AB LG25 5/8	2.85	25	7 1/2

Put up in bundles.

IN 250-FOOT BALES

AB LG250 5/8—Weight per bale 75 lbs.....Per Foot \$0.10

* GARDEN HOSE

REPUBLIC



"FAIRWAY"

Extra Strong—Moulded and Braided

For parks, cemeteries, estates, contractors, golf courses, green houses and industrial uses—wherever long water lines are needed.

The extra strong, double strand cords will withstand high pressures. The wear-resisting cover can be dragged over rough surfaces.

Moulded, flexible rubber inner tube and cover and two double-strand braids are vulcanized under high pressure into one inseparable unit.

Brown

Nos.	Per Foot	Inside Diameter, Inches	Weight Per 100 Feet, Lbs.
* AY F 1/2	\$0.17	1/2	39
* AY F 5/8	.17 1/2	5/8	47
* AY F 3/4	.19	3/4	53

In continuous lengths up to 500 feet.

**HEAT YOUR HOME WITH A SIMMONS
CIRCULATING OIL HEATER — CLEAN,
EASY to TEND, ECONOMICAL to OPERATE**

REPUBLIC HOSE—Designed for the Job

SUCTION HOSE



TOWER BRAND

Light Weight—Withstands Wear

Constructed especially for carrying water from tank into steam tractor rigs or spray rigs from water containers. Excellent for all heavy, water-suction service where abrasive solids are in suspension or where acid conditions are encountered. Smooth bore, rugged. Without wire insertion.

AY E434—Hard Rubber

Inside Diameter, Inches	Per Foot	Weight Per 100 Ft., Lbs.	Std. List, Per Foot
4-Ply			
# 3/4	\$0.32	54	\$0.33
1	.39	66	.39½
1¼	.44	79	.45
#1½	.52	91	.53½
5-Ply			
#2	.69	128	.72

Note—When ordering, be sure to give number, ply and inside diameter.

Packing—¾-inch—250 feet in a bale. Others—100 feet in a bale.

50 feet in a bale.

SUCTION HOSE



AERO BRAND—ROUGH BORE

For General Service Where Requirements Are Not Severe
Made on a flat wire with woven cotton jacket.

No. AY E601—In 10, 15, 20-Foot Lengths (Specify Length Wanted)

Inside Diameter, Inches	Per Foot	Weight Per 100 Ft., Lbs.	Std. List, Per Foot
#1¼	\$0.69	69	\$0.72
#1½	.75	74	.79
2	.83	100	.88
#2½	1.07	133	1.12

"AGRICULTURAL"—ROUGH BORE

For Fields and General Agricultural Use

Made on a flat wire with woven, yellow painted, cotton jacket for protection against sun, weather and abrasion.

No. AY E557K21—In 10, 15, 20-Foot Lengths (Specify Length Wanted)

Inside Diameter, Inches	Per Foot	Weight Per 100 Ft., Lbs.	Std. List, Per Foot
#1½	\$1.19	116	\$1.20
2	1.27	152	1.29

Note—When ordering, be sure to give number and inside diameter.

In bales of 100 feet of a size.

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

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STEAM HOSE



"DOUBLE CROSS"

Be sure of safe, dependable performance. For refineries, industrial plants, pile drivers, and general service. Used for high pressures and live steam.

Wrapped fabric construction . . . extra strong duck, fine quality tube adhesion, friction and cover.

No. AY E101—Black

Inside Diameter, Inches	Per Foot	Weight Per 100 Ft., Lbs.	Std. List, Per Foot
4-Ply			
½	\$0.39	42	\$0.56
¾	.49	63	.71
5-Ply			
¾	.60	71¾	.87
1	.73	87¾	1.07
1¼	.89	103¾	1.30
6-Ply			
1¼	1.07	120	1.56
1½	1.29	150	1.87
8-Ply			
2	2.29	214	3.32

Note—When ordering, be sure to give number and inside diameter.

In 50-foot lengths.

ROAD HOSE



For Less Trouble on the Job

This tough water hose meets the demand of the contractor and construction engineers for a carrier that stands up under the severe service requirements of general road work.

High grade rubber tube and outer cover, with wrapped fabric construction. Fine cotton plies, well frictioned.

AY E595—5-Ply Red

Inside Diameter, Inches	Per Foot	Weight Per 100 Feet, Lbs.
1½	\$0.67	100
2	.85	130

Note—When ordering, be sure to give number and inside diameter.

In 50-foot lengths.

**Build Up Your Home Work Shop
with KEEN KUTTER TOOLS —
They Do Fine Work
And They Last A Long Time**

REPUBLIC HOSE—Designed for the Job

• Years of scientific experiments with materials and uses have gone into making these modern, perfected products last longer and give continuous, dependable service.

#FIRE HOSE



RELIEF BRAND

Tested by Hydraulic Pressure

This high quality fire hose has been approved by the Chicago National Underwriters and bears their label. The cotton jacket is rubber-lined and adheres to the lining by a thin insulation of quality rubber "backing."

#AX K16—SINGLE JACKET—UNCOUPLED

Will stand a test pressure of 300 lbs.

Inside diameter, inches	1½	2	2½	3
Wt. per 100 ft., lbs.	43	58	77	95

Write for Latest Prices

#AX K106—DOUBLE JACKET—UNCOUPLED

Will stand a test pressure of 400 lbs.

Inside diameter, inches	1½	2	2½	3
Wt. per 100 ft., lbs.	60	78	103	132

Write for Latest Prices

In 50 foot lengths.

Note—When ordering, be sure to give number and inside diameter.

#FIRE HOSE COUPLINGS

EXPANSION RING

Standard quality brass—commercial quality hose.

For Hose Inside Diameter, Inches	Per Set	Wt. Per Set, Lbs.
----------------------------------	---------	-------------------

#No. AY SJ—FOR SINGLE JACKET FIRE HOSE

1½	\$2.35	2
2	2.65	3
2½	3.65	5

#No. AY DJ—FOR DOUBLE JACKET FIRE HOSE

1½	\$2.65	2½
2	3.35	3½
2½	5.35	6
3	9.35	8

Note—Important—When ordering, be sure to give number and inside diameter.

Always specify whether thread is National Standard or Standard iron pipe thread. If it is neither of above give outside dimensions of male thread and the number of threads per inch. If such information is not available send sample coupling.

Price includes attaching.

Polly Prim

ENAMELWARE
is long wearing,
easy to clean
and attractive

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.

WATER HOSE



"TONKA"

MOULDED—BRAIDED

Constructed with two strands to the outside and one strand to the inside braid. Tube—cover—adhesion and friction. Strong and flexible.

No. AY L47—BLACK

Inside Diameter, Inches	Per Foot	Weight Per 100 Feet, Lbs.	Std. List, Per Foot
2-Braid			
1	\$0.25	49½	\$0.25½
3-Braid			
# ½	.25	35	.25½
# ¾	.26	48	.27
1¼	.45	75	.46½
1½	.50	89¾	.53½
# 2	.68	119	.70¾

¾-inch and smaller 500 feet; 1¼ to 2 inches, 350 feet in a bale.

Note—Couplings extra.

Note—When ordering, be sure to give number and inside diameter.

WATER HOSE COUPLINGS

Standard quality brass, attached with one galvanized clamp.

No. AB WHC—ATTACHED TO HOSE

For Hose Inside Diameter, Inches	Per Set	Wt. Per Set, Lbs.
½	\$0.45	½
¾	.45	½
1	.45	½
1¼	.95	¾
1½	1.50	1¼
2	1.95	1½
2½	2.65	2½
3	4.85	3½
	7.95	6

Packing—bulk.

Note—When ordering, be sure to give number and inside diameter.

PNEUMATIC TOOL HOSE



TOWER BRAND

For Severe Heavy-Duty Pneumatic Tool Service

This hose deserves its rapidly increasing popularity because of its combination of flexibility, easy handling, oil-resisting tube and exceptionally tough cover. Withstands heavy compressor pulsations.

Moulded—braided construction—non-kinking—continuous lengths up to 500 feet.

No. AY L5—BROWN

Inside Diameter, Inches	Per Foot	Weight Per 100 Feet, Lbs.	Std. List, Per Foot
2-Braid			
¾	\$0.21	22½	\$0.21½
1	.24	28	.25
3-Braid			
1½	.27	40	.28½
¾	.35	48	.37½
1	.40	60	.43

Note—When ordering, be sure to give number and inside diameter.

REPUBLIC HOSE—Designed for the Job

JET HOSE



For Loose Sand or Muddy River Bottoms

Recommended also for service on hydraulic stripping operations and for removing over-burden or top soil in strip mines, sand and gravel pits and quarries.

The hard, thick rubber cover resists abrasion in these operations. Wrapped duck construction, with extra strong duck to withstand pressures essential to jetting service.

A layer of high-grade live rubber friction between plies insures pliability and safe expansion under pressure.

AY 2281—EIGHT-PLY

Inside Diameter, Inches	2	2½	3
Wt. per 100 Ft., Lbs.	182	225	242
Per Foot	\$1.57	1.85	2.19

Note—When ordering be sure to give No. and inside diameter.

In 50-foot lengths.

BEER PUMP TUBING



Sanitary—Tasteless—Odorless

Light, flexible tubing of wrapped construction. With white moulded rubber inner tube and red rubber cover with frictioned fabric plies.

In continuous lengths up to 50 feet.

Nos.	Per Foot	Inside Diam., Inches	Ply	Wt. Per 100 Feet, Lbs.	Std. List, Per Foot
AY 5163	\$0.09	1/8	3	15	\$0.09
AY 125	.13	1/2	5	20	.13%

GASOLINE HOSE



Composed of a flexible, galvanized metal lining, covered with a seamless oil-resisting rubber tube and an exterior jacket of heavy woven cotton cord. The lining is a reinforcement against kinking and crushing, with the rubber tube, which is highly resistant to gasoline, acts as a cushion and seals the metal lining against leakage. The closely-woven jacket permits operation under pressure and provides long wear.

IN 10-FOOT LENGTHS, NOT COUPLED

AR L58K19—Inside diameter 1¼ inches. Weight per 100 feet 70 lbs. Std. List, Per Foot \$0.53. Per Foot \$0.53

GASOLINE HOSE COUPLINGS

For use on gasoline hose No. AY L58K19, inside diameter 1¼ inches.

ATTACHED TO HOSE

AB GHC1¼—Weight per set 1½ lbs. Per Set \$1.95

Packing—bulk.

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

PAINT SPRAY HOSE



"ALL SERVICE"

Tube and cover are made from the highest quality compounds that resist paint, ducro, turpentine, and solvents to a remarkable degree. Moulded and braided construction. Longest life is obtained when hose is carefully cleaned by blowing through it the same solvent used in the paint.

Continuous lengths up to 500 feet.

AY L106—TWO-BRAID

Inside Diameter, Inches	# ¾	# ½	# ¼
Wt. Per 100 Ft., Lbs.	24	31	45
Per Foot	\$0.20	.24	.34
Std. List, Per Foot	\$0.21	.25	.35½

Note—Will be cut to order—couplings not included. When ordering, be sure to give No. and inside diameter.

SPRAY HOSE



RELIEF BRAND

For spraying trees and shrubbery.

A high pressure non-kinking spray hose of moulded and braided construction that successfully meets all the destructive actions of this type of service. A special rubber compound in the tube resists the effects of chemicals and oil. Three braided plies of heavy hard-twisted cord give the hose ample strength to carry pressure of 500 lbs. The cover will withstand dragging over stony ground. Color, black.

Continuous lengths up to 500 feet.

AY L105—3-BRAID

Inside Diameter, Inches	Per Foot	Weight Per 100 Feet, Lbs.	Std. List, Per Foot
# ¾	\$0.25	33	\$0.26½
# 7/16	.27	38	.28
# ½	.29	39	.30¼
# ¾	.36	51	.37½

Will be cut to order—couplings not included.

GARAGE AIR HOSE



PNEUMATIC—Tough and Long Wearing

Designed to withstand gruelling service of dragging over cement, around sharp corners, over curbs, through oil and of being run over by automobiles.

Sheeting construction, highest quality heavy red tube, friction and cover. Exceedingly flexible.

Continuous lengths up to 500 feet.

AY E566—5-PLY

Inside Diameter, Inches	¼	¾
Outside Diameter, Inches	5/8	¾
Working Pressure, Lbs.	250	175
Bursting Pressure, Lbs.	1200	1000
Wt. Per 100 Ft., Lbs.	17½	22¼
Per Foot	\$0.16	.21
Std. List, Per Foot	.17½	.22

Note—When ordering be sure to give No. and inside diameter.

LAWN SPRINKLERS—Save Time and Trouble and Keep Your Grass Green

RAIN KING

Quality that tells in long service.

MODEL G



This modern, streamlined sprinkler offers an amazingly efficient performance. It revolves at slow or fast speed on level ground, slopes or in high winds—and can't stall. This gives a good, soaking downpour or a lighter, faster spray for flower, seeded beds and delicate foliage. The adjustable two-jet nozzle also makes it possible for the sprinkler to cover a circle of from 12 to 65 feet, throwing the water evenly. At 20 pounds pressure 240 gallons of water is distributed over a 65-foot circle.

Less than a quarter turn of the lever on the nozzle is necessary to give a far-out to a close-in spray.

Graceful patented design with rich brass fittings and green enameled body. Arm, nozzle and upright are brass . . . bronze bearings.

AB G—Weight per dozen 66 lbs. Each \$3.75

MODEL H



This large, substantial sprinkler is fitted with nozzles that, when set for fine spray, throw more water—over 300 gallons per hour on 20 pounds pressure.

Many sprinklers want this special output for fine spray, and the sprinkler is equally outstanding in performance when set for coarse or medium spray.

Nozzles are chromium plated with uprights and fittings of solid brass.

All other parts are high quality cast metal, finished in green.

AB H—Weight per dozen 60 lbs. Each \$3.65

One in a carton.

MODEL D

Revolving or Stationary



An excellent value, exceptionally efficient on all water pressures. Fitted with latest patented nozzles which require just a touch to adjust for any spray or direction, fast or slow speed, or stationary sprinkling.

Cast base and upper frame red enameled. Brass double water column, sprinkler arms, nozzles and hose couplings.

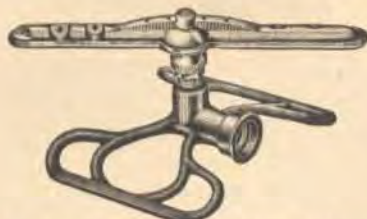
Base 7x7 1/4 inches; spread at arms 7 inches; height over all 9 inches.

AB D—Weight per dozen 33 lbs. Each \$2.65

One in a carton. One dozen in a case.

JEWEL

Sprinkles Evenly



An efficient sprinkler for small spaces with the water turned low, that will also sprinkle a circle 50 feet in diameter with 40 pounds pressure.

The long, smooth-running double bearing is self-closing against leakage and is most durable.

Malleable iron base, 5 1/4 x 7 inches, black enameled. Heavy sheet brass sprinkling arm is 10 inches long. Height over all 4 1/2 inches.

AB J—Weight per dozen 23 lbs. Each \$1.19

One in a carton. One dozen in a case.

UNIVERSAL THREAD—FOR 1/2, 3/8 AND 1/4 INCH HOSE COUPLINGS

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

RED BIRD



Sprinkles a square area while whirling. No waste, because there is no overlap. Will sprinkle along drives and walks without wetting passers-by.

Self-lubricating double bearings insure smooth operation and long life. Head with non-breakable arms cast in one piece. Attractive modern hexagon base with hose connection at outer edge; wrought iron pipe upright. All red enameled finish. Easy to connect and disconnect. Base 7 inches wide. Height 9 inches.

AB RB125—Weight per dozen 27 lbs. Each \$1.25

A Quality Sprinkler at a Popular Price

This easy-running sprinkler has solid brass revolving head and arms that distribute the spray evenly over a medium sized area.

Red enameled cast base, 5 1/2 x 7 inches, with swivel hose connection. Wrought iron upright also enameled red. Each arm 4 1/2 inches long. Height 8 3/4 inches.

AB 66S—Weight per dozen 23 lbs. Each \$0.95

One in a box; one dozen in a carton.

BUNNY

"Looks Like a Bunny, Runs Like a Bunny"

Nothing to adjust, nothing to get out of order! This well built sprinkler revolves smoothly on pressures as low as 5 lbs. Sprinkles area up to 40 feet in diameter. Will stand rough usage.

Cast metal base, 7 x 5 1/2 inches red enameled. Brass revolving head with 2 1/4-inch "ears" and connection with bearing that will wear indefinitely.

Height over all 6 inches.

AB B75—Weight per dozen 16 lbs. Each \$0.95

One in a carton.

WHIRLING



This small sprinkler with all brass arms and body and a heavy green enameled base, sells at a popular price. Will sprinkle in a 40 foot circle at 40 pounds pressure.

Each arm is 3 inches long, height 2 1/2 inches.

AB 153—Weight per dozen 5 lbs. Each \$0.29

One-quarter dozen in a carton.

Use

KEEN KUTTER

CUTLERY and TOOLS

LAWN SPRINKLERS



ARMSTRONG-NELSON "FOUNTAIN"

The special perforation arrangement on the round sprinkler causes perfect distribution of water, throwing finely divided, misty spray over a large circular area.

Heavy sheet brass top and bottom, well crimped to withstand the heaviest water pressure. Diameter 8 inches, height 1 1/4 inches.

AB F—Weight per dozen 12 lbs. Each \$0.98

One in a lithographed cardboard display box.



THE CIRCLE

Throws powerful, fine spray in all directions. Covers area up to 40 feet in diameter.

New type construction provides walls which are guaranteed to withstand 100-lb. pressure. Has 4

rows of clean cut holes that give perfect distribution—throws water far out and to a great height, a complete circle of mist-like spray.

Extra heavy brass top with rust-resistant cadmium-plated bottom. Diameter 8 inches, height 1 1/4 inches.

AB 1R—Weight per dozen 12 lbs. Each \$0.75

One-half dozen in a carton.



CRESCENT Easily Moved While Sprinkling

A non-tipping sprinkler that will cover a complete, wide half-circle. You can move it wherever you wish without

shutting off water or getting wet.

Extra heavy brass, finely perforated. Width 8 1/2 inches, height 1 1/4 inches.

AB C1—Weight per dozen 10 1/2 lbs. Each \$0.95

One in a display box. Six dozen in a carton.



THOMPSON TWIN

For High or Low Pressure

A practical sprinkler for any lawn and water condition. It operates perfectly under any pressure and throws water in a finely divided spray over a large area.

Die cast zinc, brass lined. Size 3 1/2 x 2 1/2 inches, height 1 1/4 inches.

AB 70—Weight per dozen 8 1/4 lbs. Each \$0.35

One-half dozen in a carton.



"CAN'T BEAT 'EM"

This heavy flat sprinkler has one spray hole that never clogs! Will cover a large area on low pressure. Cast iron, red enameled. Height 1 1/4 inches, diameter of base 4 1/4 inches.

AB CBG—Weight per dozen 15 lbs. Each \$0.39

Six dozen in a case.

UNIVERSAL THREAD FOR 1/2, 3/8 and 1/4-INCH HOSE COUPLINGS

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PORTABLE SPRAY HEADS



Flexible, Movable Lawn Sprinkling System

Just connect in series and these spray heads form an effective sprinkling system, as a large number of heads can be used on normal pressures without reducing this volume on those farther away from the water supply.

The heads produce a perfect mist-like spray that evenly covers wide areas and conserves water volume. Use them separately, too, for small areas.

Heavy brass spray head with brass nut swivel connection and stop nut, securely mounted on heavy wrought steel brass plated base. Head 3 1/4 inches long, base 1 1/4 inches wide and 9 inches long, height 2 1/4 inches.

AB 75—Weight per dozen 9 lbs. Each \$0.75

STAYFLAT

Connect in series for a sprinkling system or use singly with end cap applied for moderate areas.

Heavy wrought brass body has die-cut threads, and is mounted on an enameled steel base. Patented swivel connection prevents tipping from writhing hose.

Spray head is 2 1/4 inches long, base 9 1/4 inches long, 1 1/4 inches wide. Height 1 1/4 inches.

AB 72—Weight per dozen 5 lbs. Each \$0.45

Four spray heads, with two end caps in carton.



SPRINKLERS

FLARING ROSE

For sprinkling flowers, seedlings, young plants and delicate foliage. The small perforations make a fan-like sheet of tiny jets like light rainfall, which will not crush or beat down the plants.

The sprinkler head aims the spray directly forward, resulting in an even, measured spraying area.

Die cast body, Duco enameled, with heavy wrought brass perforated spray front. Length 4 inches, front 4 1/4 x 1 1/4 inches.

Six sprinklers assorted colors (two each in green, orange and red), in a four-color display carton.

AB FR50—Weight per dozen 6 lbs. Each \$0.45

One-half dozen in a carton.



ROSE

For flower beds and shrubbery. These sprinklers cover a wide area with a good spray of water even when the pressure is light.

Wrought brass, with 2 1/4-inch face.

AB RN3—Weight per dozen 2 1/2 lbs. Each \$0.29

Six dozen in a carton.



FLAT SPRAY

Makes a fine, wide spray. A popular type sprinkler for flowers and seedlings at a low selling price. Heavy sheet brass throughout, plain brass finish. Length 2 1/4 inches, front 4 1/4 x 1 1/4 inches.

AB 302—Weight per dozen 2 1/4 lbs. Each \$0.29

One dozen in a carton.

HOSE NOZZLES — Well Constructed for Years of Efficient Service



SIMMONS

Serviceable and durable nozzle, attractive appearance. It's easy to adjust to a spray for lawn and garden, to a heavy, solid stream for washing the

car or sidewalks and steps, or to a convenient shut-off. Will give years of steady use.

Heavy wrought brass, polished. Length 3 3/8 inches.

AB S3—Weight per dozen 6 lbs. Each \$0.59



BOSTON SPRAY

A quality nozzle of polished cast brass—adjustable for solid stream shower, spray and complete shut-off. Length 4 1/4 inches.

AB BS—Weight per dozen 6 1/2 lbs. Each \$0.75



RAIN KING

A chromium-plated nozzle that delivers 5% to 20% more water per hour on 20 lbs. pressure than many other nozzles of larger size. Will not rust or tarnish, leak or stick.

Accurately machined from solid brass. Adjustable for any spray or stream and complete shut-off. Length closed 3 3/8 inches.

Chromium-plated inside and outside.

AB N1—Weight per dozen 7 lbs. Each \$0.65



DIAMOND

Throws a long, powerful stream or any degree of spray to the finest mist and shut-off. A pilot holds the spray point central, causing a uniform, symmetrical spray.

Heavy wrought brass, chromium plated to prevent rust and tarnish. Expertly made. Length closed 4 inches.

AB 40C—Weight per dozen 4 lbs. Each \$0.49

One dozen in a carton.

UNIVERSAL THREAD—FOR 1/2, 5/8 AND 3/4 INCH HOSE COUPLINGS

#HOSE PLAY PIPES



UNDERWRITER PIPE

Here is the best style of pipe

for mill use, made in conformity with the requirements of the Associated Factory Mutual Fire Insurance Companies. It has a seamless copper tube firmly attached to the mountings, is wound with marline, and painted red. The word *underwriter* is stamped in black on the red paint, together with name and the date of manufacture.

Note—Give number and specify size outlet.

#AY U—2 1/2-inch butt, 30 inches long with swivel handle:

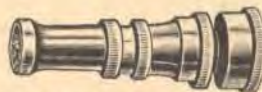
Standard outlet 1 1/2 inches.

Nos.	Each	Size Outlet, Inches
# 3/4	\$12.50	3/4
# 7/8	12.50	7/8
# 1	12.50	1
# 1 1/8	12.50	1 1/8
# 1 1/4	12.50	1 1/4

Packing—bulk.

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DIXIE

A low priced nozzle with the weight and spray controls of higher priced nozzles. It will stand hard usage and has a

packing nut to stop any possible leak. The spray tip is slightly loose, causing the water to center it—resulting in exactly uniform sprays and streams, and complete shut-off.

All brass, finely polished. Length 3 3/8 inches.

AB D35—Weight per dozen 5 lbs. Each \$0.39



SPECIAL

Solid brass nozzle with polished finish. Adjustable for spray, solid stream or shut-off. Length 3 3/8 inches.

AB FBN—Weight per dozen 4 1/2 lbs. Each \$0.29



PAT

A newly designed low-priced quality nozzle of real value—attractive in appearance, easily adjusted.

With all adjustable features, from a fine, mist-like spray to a heavy, coarse spray and shut-off. Constructed of solid rod brass and heavy wrought brass. Polished finish. Length 3 3/8 inches.

AB P29—Weight per dozen 12 lbs. Each \$0.27

One dozen in a carton.

HOSE WASHERS

RED RUBBER

For 1/2 and 3/4-Inch Hose Couplings

AB 50 — One dozen washers in a box, one dozen boxes (1 gross) in a cardboard carton; weight per carton 3/4 lb.



Per Box (1 Doz.) \$0.05

AB 50B—1-Lb. Box (about 288 washers to the lb.)

Per Lb. \$0.49

SUB-SOIL IRRIGATORS



This sub-soil irrigator will supply life-giving water to the feeding roots of your trees and shrubs when light rains and surface sprinklings evaporate before reaching them.

It makes a hole in the ground only 1 1/8-inch in diameter—too small to injure either sod or roots and is quickly filled up later by dirt carried in by surplus water on top of ground.

Used by attaching to hose and resting end of tube lightly on the ground. The water pressure bores hydraulically and the irrigator goes down any distance up to 30 inches.

Made entirely of brass. Handle with shut-off valve is 5 1/4 inches long, 1 3/8 inches in diameter. Tube is 30 inches long, 1 1/8-inch in diameter.

Attachable to Hose With 1/2, 5/8 or 3/4-Inch Couplings

AB 1SS—Weight per dozen 30 lbs. Each \$1.69

One in a carton.

HOSE COUPLINGS

PERFECT CLINCHING PATTERN

Clincher couplings are easy to attach. Wrought brass tube. Long grip galvanized iron turned-in fingers that clinch but do not cut the hose. Female ends have washer recess so that washer can't fall out.

Rolled thread.

Male and female. Length $2\frac{1}{8}$ inches.



Nos.	Each	For Hose, Inch
AB 20 $\frac{1}{2}$	\$0.23	$\frac{1}{2}$
AB 20 $\frac{5}{8}$	.23	$\frac{5}{8}$
AB 20 $\frac{3}{4}$	.23	$\frac{3}{4}$

Weight per dozen 2 lbs.

One dozen in a cardboard box.

Female—length $1\frac{1}{2}$ inches.



Nos.	Each	For Hose, Inch
AB F20 $\frac{1}{2}$	\$0.19	$\frac{1}{2}$
AB F20 $\frac{5}{8}$	.19	$\frac{5}{8}$
AB F20 $\frac{3}{4}$	.19	$\frac{3}{4}$

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



Natural finish . . . cut threads . . . length 3 inches.

HEAVY WROUGHT BRASS

Nos.	Each	For Hose, Inch	Wt. Per Doz., Lbs.
AB 95 $\frac{1}{2}$	\$0.19	$\frac{1}{2}$	$1\frac{1}{2}$
AB 95 $\frac{5}{8}$	.19	$\frac{5}{8}$	$1\frac{1}{2}$
AB 95 $\frac{3}{4}$	.19	$\frac{3}{4}$	$1\frac{3}{4}$



Female

Wrought brass with cut threads. Length 2 inches.

Nos.	Each	For Hose, Inch
AB 95 $\frac{1}{2}$ F	\$0.15	$\frac{1}{2}$
AB 95 $\frac{5}{8}$ F	.15	$\frac{5}{8}$
AB 95 $\frac{3}{4}$ F	.15	$\frac{3}{4}$

Weight per dozen $1\frac{1}{4}$ lbs.

Packing—bulk.

HOSE MENDERS

PERFECT CLINCHING PATTERN



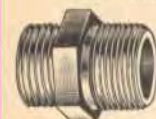
The easy, correct way to mend your garden hose. The wrought brass tube has long grip galvanized iron turned-in fingers that will clinch but not cut the hose. Length $1\frac{1}{2}$ inches.

Nos.	Each	For Hose, Inch	Wt. Per Gross, Lbs.
AB 35 $\frac{1}{2}$	\$0.10	$\frac{1}{2}$	12
AB 35 $\frac{5}{8}$	.10	$\frac{5}{8}$	$13\frac{1}{2}$
AB 35 $\frac{3}{4}$	.10	$\frac{3}{4}$	15

One-twelfth gross in a carton.

BRASS HOSE NIPPLES

For Connecting Iron Pipe and Garden Hose



All brass, with hexagon center, $\frac{3}{4}$ -inch iron pipe thread and $\frac{3}{4}$ -inch hose pipe thread. Male type.

AB N $\frac{3}{4}$ —Weight per dozen 1 lb. Each \$0.25

Packing—bulk.

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HOSE CLAMPS

SHERMAN



Best quality clamps, made of heavy wrought brass with natural finish. Fitted with steel round head bolt and nut.

Nos. AB 73 to AB 77 for 3-ply hose. Nos. AB 78 and AB 79 for 4-ply hose.

Nos.	Each	For Hose, Inches	Wt. Per Doz., Lbs.
AB 73	\$0.05	$\frac{1}{2}$	$\frac{1}{2}$
AB 74	.05	$\frac{5}{8}$	$\frac{1}{2}$
AB 75	.05	$\frac{3}{4}$	$\frac{1}{2}$
AB 76	.19	1	$1\frac{1}{2}$
AB 77	.23	$1\frac{1}{4}$	$1\frac{3}{4}$
AB 78	.25	$1\frac{1}{2}$	$2\frac{1}{4}$
AB 79	.35	2	3

Packing: AB 73, AB 74 and AB 75—twelve dozen in a box; AB 76—six dozen in a box; AB 77—four dozen in a box; AB 78—three dozen in a box; AB 79—two dozen in a box.

Galvanized Steel

Rolled from good quality sheet steel and thoroughly galvanized. Fitted with galvanized round head bolt and nut.

Nos.	Each	For Hose, Inch	Wt. Per Gross, Lbs.
AB GS $\frac{1}{2}$	\$0.04	$\frac{1}{2}$	$\frac{1}{2}$
AB GS $\frac{5}{8}$	.04	$\frac{5}{8}$	$\frac{5}{8}$
AB GS $\frac{3}{4}$	.04	$\frac{3}{4}$	$\frac{5}{8}$

Twelve dozen in a carton.

HOSE RACKS



WITHOUT HOSE HUMP SWINGING STYLE

The hump at bottom of rack takes the weight off the end folds of the hose, thereby preventing breaks in the hose when it is run out.

Another safety precaution is the design of the front rack. The end is partially enclosed in order that at least five folds of hose must be drawn off, preventing the hose from falling into a tangled mass.

These racks are attached to wall bracket or pipe clamps, at the bottom and top. No extra charge is made for pipe clamps up to and including 4 inches.

Nos.	Each	Size Hose, Inches	Hgt., In.	Lgth., In.	Wt., Each, Lbs.
Cap. hose: Unlined linen 50 ft.					
* AY AO	\$6.45	$1\frac{1}{4}$ or $1\frac{1}{2}$	11	22	12
* AY AOX	6.45	2	11	22	12
* AY AOO	6.45	$2\frac{1}{2}$	11	22	12
Cap. hose: Unlined linen 100 ft.; mill 25 ft.					
* AY A1	7.95	$1\frac{1}{4}$ or $1\frac{1}{2}$	16	24	15
* AY A1X	7.95	2	16	24	15
* AY A2	7.95	$2\frac{1}{2}$	16	24	15
Cap. hose: Unlined linen 150 ft.; mill 50 ft.					
* AY A3	9.45	$1\frac{1}{4}$ or $1\frac{1}{2}$	23	26	17
* AY A3X	9.45	2	23	26	17
* AY A4	9.45	$2\frac{1}{2}$	23	26	17
Cap. hose: Unlined linen 150 ft.; mill 100 ft.					
* AY A5	9.95	$1\frac{1}{4}$ or $1\frac{1}{2}$	34	32	28

JAPANNED RED

We can supply any of the above sizes finished in Gold or Aluminum Bronze at the same prices; finished in nickel or copper plate at special price.

Note—When ordering racks with pipe clamps, be sure to give size of pipe they are to fit. If not standard size pipe, give outside diameter.

HOSE REELS

Wind your hose neatly and quickly on these convenient reels. They keep the hose from kinking and being stepped on or run over while lying on the ground. Preferred by gardeners, ground keepers and home owners.

QUALITY HOSE REELS

ALL STEEL

The reeling or unreeling of hose is very easy. The frame when tilted down to the ground forms a stand in which the reel revolves. Will not tip over.

Frame and wheel rims are tubular steel, enameled green with steel spokes and reel heads. Corrugated galvanized sheet steel drum. Nozzle holder is attached to spoke. Height reel 21 inches, length over all 42 inches, width



over all 14½ inches. Holds 150 feet of ⅝-inch or 100 feet of ¾-inch hose.

AB 10—Weight each 15 lbs.....Each \$4.98

Two in a bundle.

With handle-stand attachment and easy to wheel around! The clamps on the wheel braces hold the ends of the hose, which winds around the drum. The frame is enameled green, with black wheels.

The 26-gauge galvanized drum is 10 inches wide and 8 inches in diameter. Height over all 32 inches, width 15 inches.

Holds 125 feet of ⅝-inch or 100 feet of ¾-inch hose.

AB 180—Weight each 10 lbs.....Each \$2.39

Shipped knocked down—easily assembled.

ALL METAL—IN TWO COLORS

Strong channel steel frame with flat steel base, finished in green enamel. Cast iron wheels are enameled yellow.

Steel nozzle holder attached to frame. A metal ring locks the reel.

Galvanized steel drum 9 inches in diameter, with flat steel arms. Height over all 34 inches, width 15 inches. Holds 150 feet of ⅝-inch or 100 feet of ¾-inch hose.

AB 90S—Weight each 13 lbs.....Each \$1.39

Knocked down, two in a bundle.

REEL-EEZY — TYPE B

With this practical, sturdy, easy-to-use hose reel it is only necessary to insert the socket of hose in the ring and roll the reel along. The reel with the hose on it can be left standing or hung up for storing.

Heavy oval steel rims are 22 inches high. Steel arms are welded to the rims and steel discs. Finished in light green enamel. Width between rims 10 inches.

Holds 100 feet of ¾-inch hose.

Reel is shipped in two identical half sections, which can be fastened together with stove bolts.

AY 190—Weight each 7 lbs.....Each \$1.19

Three in a carton.

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Detachable Reel That Revolves on the Faucet

- Permits sprinkling without soiling hands or clothes.

- Increases life of hose—keeps it free from kinks and twists.

The ideal step-saving reel that you can quickly attach to or detach from the faucet. A special faucet on the reel makes it easy for you to turn the water off and on.

The reel revolves as you pull the hose, without interfering with the steady stream of water.

When sprinkling is finished, hose can be reeled up easily and drained without any handling.



Reel and hose readily portable to another faucet—may be hung up on nail out of the way when not in use. Made of galvanized and malleable iron with corrugated spokes, 20 inches in diameter and 8½ inches wide. Brass nickel-plated ⅝-inch faucet.

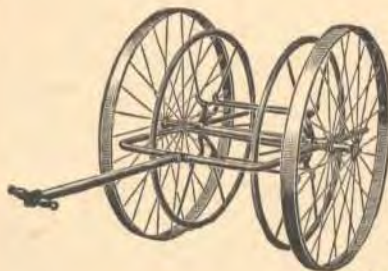
Holds approximately 125 feet of ⅝-inch or 75 feet of ¾-inch hose.

AB 125—Weight each 11 lbs.....Each \$4.95

One in a crate; two wired together.

For industrial use.

The steel wheels have 2-inch tires that will roll more smoothly over rough ground. Reel, frame and tongue are tubular steel, assuring long wear.



Nos.	Each	Height Extreme		Weight Each
		Wheels, Inches	Outside Width, Inches	
#AY 90	\$19.75	34	31	65
#AY 100	22.75	36	33	90
#AY 110	31.75	38	38	95

Number of Feet of Hose Reels Will Hold

Nos.	AY 90	AY 100	AY 110
¾-inch, 3-ply Rubber	500	600	800
1 -inch, 4-ply Rubber	200	300	400
1¼-inch, 4-ply Rubber	150	200	300
1½-inch, 4-ply Rubber	100	150	200
1¼-inch, Cotton Rubber Lined	300	400	500
1½-inch, Cotton Rubber Lined	200	300	400
2 -inch, Cotton Rubber Lined	150	200	250
2½-inch, Cotton Rubber Lined	100	150	200

Packing-bulk.

Be Prepared for Fire with Pyrene Fire Extinguishers

Fully Charged—Ready for Use

PYRENE

Always Dependable and Efficient!

Pyrene fire extinguishers are the most effective type for smothering all classes of fire in its incipient stage, fires in flammable liquids or electrical equipment. The liquid is non-conductive and will not injure electrical equipment.

Operation—The double-acting pump with patented rotating pick-up will discharge a steady continuous stream 25 to 30 feet, no matter in what position the extinguisher is held.

Liquid—Use only Pyrene fire extinguishing liquid, as other liquid may cause corrosion or make use on electrical equipment dangerous. It will not freeze at 50° below zero F. Will not injure delicate fabrics.

Colors—In addition to standard metal finishes listed below, Pyrene fire extinguishers can be supplied in colored Duco finishes to match interior decorative scheme.

Approvals—The 1 quart and 1½ quart Pyrene fire extinguishers are inspected and labeled by the Underwriters' Laboratories, and approved by Associated Factory Mutual, the U. S. Bureau of Navigation and Steamboat Inspection, and Good Housekeeping Institute.

MOTOR CAR TYPE

With special bracket for mounting on an automobile steering post, above or below the instrument board—easy to reach, out of the way, instantly available.

It will quickly extinguish any incipient fire originating in oil, gasoline, wood or upholstery. Non-freezing—throws a steady continuous fire smothering stream from a safe distance.

One Pint—Length over all 11¼ inches; diameter 2½ inches.

AB C11A—Polished Brass.

Std. List, Each \$10.50.....Each \$10.50

AB C14A—Chromium Plated.

Std. List, Each \$12.50.....Each 12.50

Weight each 5 lbs.

WALL TYPE—POLISHED BRASS

Ideal for protecting schools and homes—light enough for women and children to handle easily.

Nos.	Each	Cap.	Lgth. In.	Diam. In.	Wt. Lbs.	Std. List, Each
AB C11	\$12.00	1 Pt.	11¼	2½	5	\$10.00
AB C21	14.00	1 Qt.	14	3	7½	14.00
AB C31	17.00	1½ Qt.	17¼	3½	11	17.00

WITH TRUCK BRACKETS—POLISHED BRASS

The brackets furnished with these extinguishers are heavy gauge steel and have in addition to retaining cup at bottom and spring clips at top an additional metal strap with quick-opening buckle extending around extinguisher.

AR C21C—1 Quart. Weight each 8 lbs.

Std. List, Each \$14.00 Each \$9.75

One in a carton.

HEAVY VEHICLE TYPE—POLISHED BRASS

These extinguishers are more substantially constructed than the regular type so that they can withstand the hard use they will be subjected to in truck service.

One Quart Size

Nos.	Each	Std. List, Each,
AR C21T	\$ 9.75 With Wall Bracket	\$14.00
AB C21TS	17.00 Steering Post Bracket	15.00

Weight each 9 lbs.

1½ Quart Size

AB C31T—With Wall Bracket. Weight each 13 lbs. Std. List, Each \$17.00 Each \$17.00

One in a carton.

(SEE NEXT PAGE FOR PYRENE FIRE EXTINGUISHING LIQUID)

PYRENE—PRESSURE TYPE

Easy to Handle—Large Capacity.



This new 2-quart extinguisher meets the definite need of industrial, transportation, petroleum and electric companies for an intermediate size vaporizing liquid extinguisher of the air pressure type.

Construction—Ruggedly constructed of copper and brass, with a seamless inner shell to hold air under pressure and an outer shell containing Pyrene fire extinguishing liquid. All operating parts are on outside and easily accessible. No built-in pump—air pressure being required from an air line producing 100 lbs. pressure.

Operation—Used by opening a valve permitting the compressed air to enter the outer chamber and discharge the liquid. The discharge hose is fitted with a special lever nozzle which in normal position is closed.

Partially opened it produces a fan-shaped spray four to five feet wide for blanketing flammable liquid fires in well-filled containers or tanks. Completely opened it discharges a solid powerful stream 30 feet or more. This nozzle, therefore, controls the stream and provides temporary shut-off.

Maintenance—Requires only periodic checking of the pressure gauge and glass port showing air pressure and liquid supply and keeping the nozzle clean. Refill only with genuine Pyrene liquid.

Approval—By Underwriters' Laboratories for use wherever suitable air pressure is available.

With wall bracket, screws and recharge date tags.

Two Quart Size

Height over all 18 inches, diameter 5 inches.

Nos.	Std. List and Selling, Each
AB C103—Polished copper	\$40.00
AB C104—Chromium Plated Copper	44.00

Weight each 18 lbs.

Greater Fire Fighting Capacity.

Especially adapted for use by large industries, public utilities, railroads and oil companies, for protection of buses, motor trucks, oil tank trucks, moving vans, motor boats, filling stations, electric locomotives, and all electrical equipment.

Construction—Constructed entirely of copper and brass, heavy gauge seamless drawn tubing and other high quality parts especially adapted for the purpose. Flexible metal hose, rubber insulated.

The open face pressure gauge at the top indicates the correct air pressure in the chamber at all times. An inspection glass is also provided so that the liquid level may be observed. The normal level is the center of this glass.

Operation—To operate the extinguisher grasp the hose in right hand and with left hand operate valve wheel which completely controls the flow of air and liquid at a quarter turn. The stream ranges from 30 to 40 feet.

Approval—Inspected and labeled by the Underwriters' Laboratories and approved by the Associated Factory Mutual Laboratories.

One Gallon

Height over all 24 inches, diameter tank 6 inches.

Nos.	Each	Std. List, Each
AY C43—Polished Copper	\$55.75	\$70.00
AY C44—Chromium Plated	58.75	74.00

Weight each 37 lbs.

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.

PYRENE FIRE EXTINGUISHERS

PYRENE—PUMP TYPE

Fully Charged, Ready for Use

This two-gallon extinguisher is designed for use where additional capacity is needed for fighting such fires as electric arcs, gasoline, kerosene, grease, varnish, and the like.

It is especially adaptable for protection of electrical equipment in power houses and sub-stations, on electrical locomotives, electric cranes, and in industrial plants where there are large installations of electrical equipment. It is sturdily constructed and easy to work. Inspected and labeled by the Underwriters' Laboratories, and approved by the Associated Factory Mutuals.

Two gallons—Height over all 24½ inches, diameter tank 7 inches.

AB C93—Copper, polished. Weight each 52 lbs. Std. List, Each, \$70.00 Each \$70.00

One in a carton.



FIRE EXTINGUISHING LIQUID

PYRENE

Most effective for smothering all classes of fire, in its incipient stage, fires of inflammable liquids or electrical equipment. It is non-conductive and will not injure electrical equipment or delicate fabrics; will not freeze at 50° below zero. Non-deteriorating.



Nos.	Per Can	Cap. Cans	Wt. Lbs.	Std. List, Per Can
AB CR1	\$0.65	1 Pt.	2	\$0.75
AY CR2	1.15	1 Qt.	3¼	1.50
AB CR3	1.95	1½ Qts.	6	2.25
AY CR10	2.30	2 Qts.	6¼	3.00
AY CR4	4.35	1 Gal.	14½	5.40

FIRE EXTINGUISHERS

HYDROGARDE

Does Not Require Chemicals nor Annual Recharging.

The Hydrogarde fire extinguisher discharges a stream of plain water—without pumping and without using chemicals—by means of pressure from a carbon dioxide gas cartridge.

Adaptation—It is recommended for fires in ordinary combustibles such as wood, paper, textiles and rubbish but, like any water or wet chemical type extinguishers, should not be used on live electrical or flammable liquid fires. Filled with distilled water, it may be used on telephone switchboard fires.

Construction—Ruggedly constructed of finest quality cold rolled copper. It is tested to withstand a pressure of 350 lbs. The ring cap and cartridge assembly is of special built-in design, fully enclosed to exclude moisture. The lead-coated steel cartridge is firmly threaded onto the ring cap which has a plunger for puncturing the cartridge sealing disc. A screened metering device in the cartridge and a hemispherical screen at the discharge elbow safeguard against clogging. A safety valve protected by a conical screen in the ring cap is an important safety feature in relieving excessive pressure caused by over-filling with water.

Operation—The extinguisher is operated by turning upside down and striking the plunger in the ring cap on the floor. This punctures the sealing disc and releases carbon dioxide gas under pressure to expel the clear water in a steady 40 to 60 foot stream.

Cartridge—Cartridges are non-deteriorating, sealed against leakage and good until used. Used cartridges may be recharged.

Maintenance—Periodic recharging is not required although annual weighing of the cartridge and inspection of the extinguisher is recommended. The extinguisher must be protected against freezing.

Approval—Inspected and labeled by Underwriters' Laboratories and approved for purchase by U. S. Government Departments.

2½ Gallon—Copper, Polished

Height over all 24 inches, diameter 7 inches.

AY H13—Weight each 21 lbs.

Std. List Each \$22.50 Each \$17.95

One in a carton, with cartridge, wall hanger and inspection date tag.

CARTRIDGES—FOR HYDROGARDE

Contain carbon dioxide gas, sealed against leakage. Will not deteriorate and good until used.

AB WC1—Weight each 2¼ lbs. Each \$5.25

Six in a carton.



PHOMENE—FOAM TYPE

Adaptation—Blankets fire—particularly fires in oil, gasoline, naphtha, tar, wax, grease, shellac, and flammable solvents. Wherever quantities of materials of an oily or highly flammable character are used or stored, the Phomene is the only suitable type of extinguisher to install. Specified by ordinances for protection of oil burner heating systems.

Operation—Although similar in size and appearance to the Soda and Acid Extinguisher, the character of the stream and its method of fire attack are entirely different. While the 2½ gallon Soda and Acid discharges only 2½ gallons of solution, the 2½ gallon Phomene releases 22 gallons of tough fire-killing foam.



The foam spreads over the burning surface—liquid or solid—cuts off the supply of oxygen, and foams a tough, air-tight and fireproof blanket. Once extinguished, the fire cannot reignite because the foam blanket is still there—a very important feature in the extinguishment of highly flammable liquid fires.

Construction—The foam type extinguisher differs from the Soda and Acid type only in that it has a removable inner container of seamless drawn copper, coated with a corrosion-resisting lead alloy. Complete charging directions and instructions for use on name plate of each extinguisher.

Approval—The 2½ gallon Phomene Extinguisher, industrial type, is inspected and labeled by the Underwriters' Laboratories, and approved by the Factory Mutual Laboratories, U. S. Bureau of Navigation and Steamboat Inspection, and the Factory Insurance Association.

2½ Gallons—Copper, Polished

Height over all 24 inches, diameter tank 7 inches.

AY P13—Weight each 26½ lbs.

Std. List, Each \$21.50 Each \$17.25

One in a carton.

RECHARGES FOR PHOMENE EXTINGUISHERS

Scientifically compounded of highest grade chemicals and when mixed with the water in extinguisher and sprayed over the fire, spreads a blanket over the burning surface—cuts off the supply of oxygen and forms a tough, air-tight and fireproof blanket. Particularly adapted to fires in oil, gasoline, naphtha, tar, wax, grease, shellac and inflammable solvents.

Nos.	Each	Recharge, Gallons	Weight, Lbs.	Std. List, Each
AB PR1	\$ 1.39	2½	5	\$ 1.60
AB PR3	5.29	10	24	6.00
AB PR6	10.19	40	68	11.75

Packing—bulk.

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

FIRE EXTINGUISHERS

NON-FREEZING FIVE-GALLON PUMP TYPE

The pump type is an approved unit for the protection of heated and unheated property where the hazards are of free-burning materials—wood, rubbish, paper, etc. Can be made non-freezing to 40° F. below zero for unheated risks, by using nonfreeze charge.

It is the correct type of extinguisher for farm property, lumber camps and yards, docks, ships, bridges, coal yards, summer homes, cottages, unheated warehouses, etc. Ideal for extinguishing incipient fires in brush or forest.

Construction—Equipped with a mechanically perfected, double-acting, non-syphoning pump. Substantially constructed throughout with a heavy seamless-drawn brass cylinder.

Operation—Its brass piston operates with ball-bearing smoothness. Throws a forceful stream 45 feet.

Approval—Inspected and labeled by the Underwriters' Laboratories, and are approved by the U. S. Bureau of Navigation and Steamboat Inspection and Associated Factory Mutual Laboratories.

DURAGARDE

The tank is built of durable, finest quality sheet copper. Tinned on the inside—a further precaution against corrosion. The exterior is brightly polished. An attractive nameplate in three colors enhances its business-like appearance.

Polished Copper

Height over all 26½ inches, diameter tank 9½ inches, hose 24 inches long.

AY T13—Weight each

18 lbs. Each \$23.75

ACCURATE

The tank is heavy galvanized iron. The interior is coated with a corrosion-resisting composition, while the outside is painted red.

Provided with an attractive nameplate finished in three colors.

Galvanized Iron, Painted Red

Height over all 26½ inches, diameter of tank 9½ inches, hose 24 inches long.

AY T15—Weight each 16 lbs. Each \$17.75

One in a carton.

FIRE EXTINGUISHER RECHARGES

NON-FREEZE

To prevent freezing at 10° F. above zero use two cans; at 10° F. below zero, three cans; and at 40° F. below zero, four cans.

AB TR1—Four 5-lb. cans.

Per Full Charge (four 5-lb. cans) \$2.60

Std. List Per Full Charge 3.00

AB TR2—Four 2½-lb. cans.

Per Full Charge (four 2½-lb. cans) 1.29

Std. List Per Full Charge 1.50

Packing—bulk.

WINTERGARDE — ANTI-FREEZE

GAS CARTRIDGE TYPE



This fire extinguisher discharges a stream of anti-freeze fire fighting solution—without pumping—by means of pressure from a carbon dioxide gas cartridge. It need not be recharged yearly.

Adaptation—It is recommended for fires in ordinary combustibles such as wood, papers, textiles and rubbish, but like any water or wet chemical type extinguisher, should not be used on live electrical or flammable liquid fires. It may be used for protection of unheated warehouses, docks, bridges and other locations subject to freezing temperatures.

Construction—Ruggedly constructed of finest quality cold rolled copper, it is tested to withstand a pressure of 350 pounds. The ring cap and cartridge assembly is of special built-in design, fully enclosed to exclude moisture.

The lead-coated steel cartridge is firmly threaded onto the ring cap which has a plunger for puncturing the cartridge sealing disc. A screened metering device in the cartridge and a hemispherical screen at the discharge elbow safeguard against clogging. A safety valve protected by a conical screen in the ring cap is an important safety feature in relieving excessive pressure caused by overfilling with solution.

Operation—The extinguisher is operated by turning upside down and striking the plunger in the ring cap on the floor. This punctures the sealing disc and releases carbon dioxide gas under pressure to expel the solution in a steady 40 to 50 foot stream.

Cartridge and Charge—Cartridges are non-deteriorating, sealed against leakage and good until used. Used cartridge may be recharged. Solution is made anti-freezing to 40° below zero F. by simply dissolving freeze-proof crystals in water.

Maintenance—Periodic recharging is not required although annual weighing of the cartridge and inspection of the extinguisher is recommended. See instructions on extinguisher. After use, the extinguisher should be cleaned and refilled with solution and a new cartridge inserted.

Approval—Inspected and labeled by Underwriters' Laboratories, also complies with U. S. Government Procurement Division Specifications No. 212.

2½ Gallon—Copper, Polished

Height over all 24 inches, diameter 7 inches.

AY W13—Weight each 21 lbs.

Std. List Each \$26.50 Each \$21.25

One in a carton, complete with charge, cartridge, wall hanger and inspection date tag.

ANTI-FREEZE CHARGE AND CARTRIDGE

For Wintergarde 2½ Gallon Fire Extinguishers.

AB WR1—Weight each 13 lbs. Each \$7.25

One 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.

FIRE EXTINGUISHERS

FASTFOME—FOAM TYPE

This foam type extinguisher smothers fire—particularly fires in oil, gasoline, naphtha, tar, wax, grease, shellac and flammable solvents. Wherever quantities of materials of any oily or highly flammable character are used or stored, the Fastfome is the most suitable type of extinguisher to install.

This extinguisher releases 22 gallons of tough, fire-killing foam that spreads over the burning surface—liquid or solid—cuts off the supply of oxygen and forms a tough, airtight and fireproof blanket.

Once extinguished, the fire cannot re-ignite because the foam blanket is still there—a very important feature in the extinguishment of highly-flammable liquid fires.



Construction—The outer shell, dome and bottom of the 2½-gallon Fastfome is the same as the 2½-gallon Essanay. It has a removable inner container of seamless-drawn copper tubing, entirely coated with a corrosion-resisting lead alloy.

Approval—Inspected and labeled by the Underwriters' Laboratories, approved by the Factory Mutual Laboratories.

2½ Gallons—Copper, Polished

Height over all 24 inches, diameter tank 7 inches.

AY PX13—Weight each 24½ lbs.

Std. List, Each \$19.50 Each \$15.75

One in a carton.

FIRE EXTINGUISHER RECHARGES

FOAM TYPE—FOR FASTFOME EXTINGUISHERS

AB PXR1—Weight each 5 lbs.....Each \$0.98

Std. ListEach 1.15

Packing—bulk.

ESSANAY—SODA AND ACID TYPE

This 2½-gallon extinguisher will extinguish incipient fires in free-burning materials—such as wood, rubbish and textiles—where the cooling and quenching effect of a stream of water is of first importance. This extinguisher ejects a stream 40 feet in any direction.

Construction—The three container units shell, dome and bottom—are made of the finest quality cold-rolled copper. All seams are thoroughly sweated and heavily backed with solder. The side seam is riveted in addition to soldering.

As a further safeguard against corrosion, the interior is completely coated with a lead-alloy. Each extinguisher is tested at the factory to withstand a pressure of 350 pounds.



Operation—Tip up-side-down. To stop the flow, it is turned right-side-up. Must be recharged immediately after use. Should be protected against frost.

Approval—Inspected and labeled by Underwriters' Laboratories, and approved by the Factory Mutual Laboratories.

Inspection and recharging requirements—Insurance authorities require annual inspection and recharging of acid and soda extinguishers and protection against frost.

2½ Gallons—Copper, Nickel Plated

Height over all 24 inches, diameter tank 7 inches.

AY SX13—Weight each 19 lbs.

Std. List, Each \$16.50 Each \$13.20

One in a carton.

FIRE EXTINGUISHER RECHARGES

SODA AND ACID—FOR ESSANAY EXTINGUISHERS

AB SXR1—Weight each 3 lbs.....Each \$0.35

Std. ListEach .40

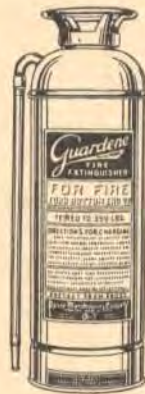
Packing—bulk.

GUARDENE SODA AND ACID (CHEMICAL) TYPE

This extinguisher will extinguish incipient fires in free-burning materials—such as wood, rubbish and textiles—where the cooling and quenching effect of water is of first importance. Ejects a stream 40 feet in any direction.

Construction—The three container units—shell, dome and bottom—are made of finest quality cold-rolled copper. All seams are thoroughly sweated and heavily backed with solder. The side seam is riveted in addition to soldering.

As a further safeguard against corrosion the interior is completely coated with a lead-alloy. Each extinguisher is tested to withstand a pressure of 350 pounds, complying with Underwriters' Laboratories' requirements.



Fire Department Type is made of copper alloy—drawn seamless shell—and is equipped with shut-off nozzle, pressure relief valve, non-slop stopple, longer length of hose and carrying strap.

Operation—To operate, tip the Guardene upside down. To stop the flow turn it right side up. It must be recharged immediately after use, and should be protected against frost.

Approval—Inspected and labeled by the Underwriters' Laboratories, and approved by the Associated Factory Mutuals and the U. S. Bureau of Navigation and Steamboat Inspection.

Requirements—Insurance authorities require annual inspection and recharging of Soda and Acid Extinguishers. Guardene charges contain the highest grade sulphuric acid and soda bicarbonate packed in air-tight containers, acid bottles sealed with safety closure.

2½ Gallons—Copper, Polished

Height over all 24 inches, diameter tank 7 inches.

AY S13—Weight each 21 lbs.

Std. List Each \$18.50 Each \$14.80

One in a carton.

FIRE EXTINGUISHER RECHARGES

SODA AND ACID—FOR GUARDENE EXTINGUISHERS



Highest grade sulphuric acid and soda bicarbonate packed in air-tight containers, acid bottles sealed with safety closure. Will extinguish incipient fires in free-burning materials, such as wood, rubbish and textiles, where the cooling and quenching effect of water is of first importance.

Nos.	Each	Recharge, Weight,		Standard
		Gallons	Each, Lbs.	List, Each
AB SR1	\$0.49	2½	5	\$0.55
AB SR2	3.00	20	23½	3.50
AB SR3	4.35	40	40	5.00

Packing—bulk.

KEEN KUTTER
STANDARD
OF
AMERICA

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

LANTERNS

DIETZ TUBULAR—FOR KEROSENE

Burns brighter, steadier, longer! Built storm-proof to give thoroughly reliable service. Scientific balanced-draft combustion makes it a world leader.

Made of heavy cold rolled steel, all joints securely soldered. "Grade A" charcoal pure bright tin finish. Reinforced, double seamed, round, beaded tubes. All edges are hemmed to prevent sharp edges anywhere. Heavyterne plate bottoms resist corrosion. Solderless founts.

COLD BLAST

So constructed that only fresh, cold air enters the tubes, while spent air is expelled. Produce about double the light of hot blast lanterns.



No. 2 BLIZZARD

Streamlined

Burns 45 hours with one filling.

Capacity One Quart of Oil

Volume of light, by test, 10 candle-power.

Equipped with AB 262 tinned steel winglock burner with 1-inch wick, AB 0 globe. Diameter of base 6½ inches, height with bail down 14½ inches.

AB 2BT—Weight per dozen

30 lbs.....Each \$1.69



D-LITE

Streamlined

The king of its kind! Low frame reduces size and weight. Broad base prevents overturning. Burns 45 hours.

Capacity One Quart of Oil

Volume of light, by test, 10 candle-power.

Equipped with AB 262 tinned steel winglock burner with 1-inch wick, AB 2NS short Locnob globe. Wide openings for easy cleaning. Diameter of base 6½ inches. Height with bail down 13½ inches.

AB 20DT—Weight per dozen 36 lbs.....Each \$1.69



WAGON DIETZ—JUNIOR

Cold Blast

Popular hand lantern adapted to use on vehicles. Useful as parking light or emergency tail light. Has combination left-hand dashboard attachment. Normally used as side light, fitted with side spring holder, but retains ball for hand use. Bright corrugated reflector and bull's-eye lens project bright light ahead; a 3-inch ruby lens warns to the rear. Holds ¾ pint, sufficient oil to burn 15 hours. Reflected light, by test, 10 candle-power.

Heavy Tin, Black Enameled,

with flat bracket. Equipped with AB 211 tinned steel winglock cone burner with ¾-inch wick. No. 1 Dietz Junior globe. Diameter of base 5½ inches. Height with bail down 12 inches. For right-hand or left-hand mounting.

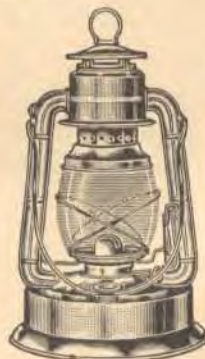
AB 1JW—Weight per dozen 42 lbs.....Each \$2.19

One-half dozen 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.

Can be filled, lighted and regulated without removing globe. Famous Locnob globe cannot fall out when swung back for servicing.

Heavy 10-gauge steel wire improved pivot bail—"thru-tube" method of attaching prevents pulling out. When raised, will stand erect unaided if desired. Safety inside globe lift lever, braced to fount. Extra large filler cap and collar.



AB 1LG—With AY 1NS Clear Glass Globe.

Weight per dozen 31 lbs.....Each \$1.45

AB 1LGR—With AB LWLGR Ruby Globe.

Weight per dozen 31 lbs.....Each 1.59



AB 1LW—With AY 1NS Clear Glass Globe....Each \$1.19

AB 1LWR—With AB LWLGR Ruby Globe....Each 1.19

Weight per dozen 24 lbs.

HOT BLAST

Construction permits a portion of spent air to recirculate through the tubes.



MONARCH

Streamlined

Supplies the maximum of light obtainable from a lantern of its type. Burns 30 hours.

Capacity One Pint of Oil

Volume of light, by test, 4 candle-power.

Has positive locking globe lift. No. 411 tinned steel winglock cone burner with ¾-inch wick. Diameter of base 5½ inches, height with bail down 13½ inches.

AB 0M—With AB 0 Clear Glass Globe.....Each \$1.15

AB 0MR—With AB 0R Ruby Globe.....Each 1.35

Weight per dozen 28 lbs.
One dozen in a fibre box.

LANTERNS

PAUL'S TUBULAR FOR KEROSENE

Designed and built to last and shine in all weather. Wind-proof and waterproof, convenient to use. Can be filled, lighted and regulated without removing globe.

Sturdily built of heavy, smooth, bright tin. Large round

COLD BLAST

So constructed that only cold, fresh air enters tubes, while used hot air is expelled. Produces about double the amount of light obtained in hot blast lanterns.

To remove globe, draw up wire ring on top of metal canopy. Globe will swing back and can be easily removed.



LEADER

Capacity One Quart of Oil

Burns 45 hours. Volume of light, by test, 10 candle power.

Has No. 2 tinned steel lock burner with brass wick tube and 1-inch wick, tinned steel burner cone. Tinned steel wire globe guard, crimped to perforated globe plate.

Diameter of base 7 $\frac{1}{2}$ inches, height with bail down 14 $\frac{1}{4}$ inches. No. 0 cold blast globe.

AB 180—Weight per dozen
37 lbs. Each \$1.39

EZY-LIT

Capacity One Quart of Oil

Burns 45 hours. Volume of light, by test, 10 candle power.

Has No. 2 tinned steel lock burner with brass wick tube and 1-inch wick. Tinned steel cone. Tinned steel wire globe guard crimped to perforated globe plate.

Diameter at base 7 $\frac{1}{2}$ inches, height with bail down 14 $\frac{1}{4}$ inches. No. AB 2NS short globe.

AY 210—Weight per dozen
37 lbs. Each \$1.29



JUNIOR

Capacity One Pint of Oil

Burns 30 hours. Volume of light, by test, 10 candle power.

Has No. 0 tinned steel lock burner, with brass wick tube, $\frac{5}{8}$ -inch thick. Tinned steel cone. Tinned steel wire globe guard crimped to perforated globe plate.

Diameter at base 7 inches, height with bail down 11 $\frac{1}{4}$ inches. No. 0 Ezy-Lit cold blast globe.

AB 230—Weight per dozen
37 lbs. Each \$1.00



One-half dozen 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.

tubes. Handy inside crank lift. All joints securely soldered, all edges hemmed. No sharp edges anywhere. Heavy steel wire bail with metal projections to hold it upright. Large, wide front with double seamed bottom. Large filler cap and collar.

HOT BLAST

Construction permits a portion of spent air to recirculate through the tubes.

LEADER

Capacity One Pint of Oil

Burns 30 hours. Volume of light, by test, 4 candle power.

Produces maximum light obtainable from this type lantern. New inside crank lift raises globe and swings it away from the operator, leaving wick exposed and oil-filler clear for filling.

Has No. 0 tinned steel lock burner, with brass tube and $\frac{5}{8}$ -inch wick. Diameter of base 5 $\frac{1}{2}$ inches. Height with bail down 14 $\frac{1}{4}$ inches.

AB 140—With Clear Glass Globe..... Each \$0.98

AB 140R—With Red Firestained Globe..... Each 1.09

Weight per dozen 26 lbs.
One-half dozen in a fibre box.



CONTRACTORS' LANTERNS

For Kerosene

DIETZ 8-DAY RAILROAD TYPE

Municipalities and public utilities prefer this lantern because it burns 200 hours (8 full days) without attention, in all kinds of weather. Produces a slow, steady flame and consumes oil very slowly. Square shaped base 6 $\frac{1}{2}$ x6 $\frac{1}{2}$ inches, and low center of gravity prevent tipping over.

Red Enamel Finish

Holds 42 ounces of kerosene. Volume of light, by test, 1 candle-power. Made of heavy gauge metal. All joints securely soldered, all edges hemmed, no sharp edges anywhere.

Brass burner with $\frac{5}{8}$ inch wick. Slip collar and wind guard. Heavy flat steel and wire guards, electrically welded. Heavy tinned wire bail can be folded down without touching ground. Extra heavy steel bail ears hold bail rigidly upright, if desired. Complete with Little Wizard globe. Outside filler. Height with bail down 9 $\frac{1}{2}$ inches.



AB D8—Clear Glass Globe..... Each \$1.49

AB D8R—Ruby Glass Globe..... Each 1.79

Weight per dozen 38 lbs.
One dozen in a carton.

LANTERN GLOBES

DIETZ

- Patented Locnob prevents globe from slipping out of wires and breaking when tilted back to expose burner for lighting or servicing.
- Dietz globes are all "firsts," carefully selected and inspected for quality of glass, shape, heat-resisting qualities, finish and fit. No "seconds," no "pot luck."

Made in crystal clear glass for general use, and in genuine pot ruby. Solid color that will not streak or fade, but

insures a clear, unmistakable color signal on highways, on construction work, and at emergency danger points.

FITZALL



For all Dietz high globe hand lanterns—A No. 1, Acme Inspectors, Beacon Wall Nos. 15, 25 and 30 Blizzard No. 2, Blizzard No. 2 large fount, Buckeye Dash, Crescent, O.K., Protector, Track Walker, Royal, Underwriters' Victor and Fire, Mill and Wall Lanterns. Also Nos. 2BS, AB 2BT, AB OM and OHL.

Height $6\frac{3}{8}$ inches, diameter at top $2\frac{1}{2}$ inches, diameter at bottom $3\frac{7}{8}$ inches.

	Nos.	Each
Plain Clear Glass	{ AY 01	\$0.15
	{ AB 03	.15
Genuine Ruby Glass	{ AY 0R1	.35
	{ AB RS01	.25
Fire Stained Ruby Glass	{ AB RS03	.25

One dozen in a carton, three dozen in a case.
Weight per dozen 11 lbs. Weight per case 33 lbs.

DIETZ JUNIOR

For Dietz Jr., Pet and Gem Lanterns
(Not Locnob)

Height $5\frac{1}{2}$ inches, diameter at top 2 inches, diameter at bottom $2\frac{1}{2}$ inches.

AY 1/1—Weight per dozen
9 lbs. Each \$0.15

Weight per case 50 lbs.
One dozen in a carton.



D-LITE



For No. 2 D-Lite lanterns. Will also fit Nos. AB 20DT and 22 Lanterns.

Height $4\frac{5}{8}$ inches, diameter at top $4\frac{1}{4}$ inches, diameter at bottom $3\frac{1}{8}$ inches.

Plain Clear Glass

AY 2NS1—One dozen in a carton.
Weight per doz. 10 lbs. Each \$0.15

AB 2NS3—Three dozen in a case. Weight per case 29 lbs. Each .15

Ruby Stained Glass

AB RS2—Weight per dozen 10 lbs. Each .25
One dozen in a carton.

LITTLE WIZARD



For Little Wizard lanterns. Fits Nos. AB 1LW and AB 1LG lanterns.

Height $3\frac{1}{8}$ inches, diameter at top $3\frac{3}{4}$ inches, diameter at bottom $2\frac{1}{2}$ inches.

	Nos.	Each
Plain Clear Glass	{ AY 1NS1	\$0.15
	{ AB 1NS3	.15
Ruby Stained Glass	{ AB RSW1	.25
	{ AB LWLGR1	.35
Genuine Ruby Glass	{ AB LWLGR3	.35

One dozen in a carton. Three dozen in a case.
Weight per dozen 7 lbs. Weight per case 22 lbs.

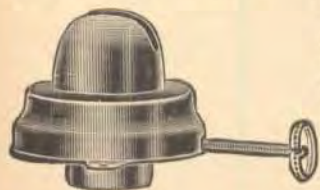
DIETZ LANTERN BURNERS

For best service use only Dietz burners on Dietz lanterns. They're made for long service of heavy tinned steel with taper collar, wing-lock cone and brass wick tube.

Will fit:

No. 2 Crescent, No. 2 Blizzard, Special No. 2 Blizzard, No. 2 D-Lite, Special No. 2 D-Lite, No. 25 Wall and No. 30 Beacon Wall Lanterns.

AB 262—For 1 inch wick Each \$0.19

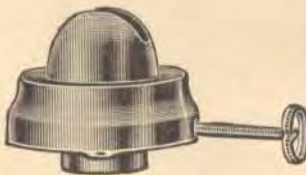


Will fit:

Junior, Junior Wagon, Little Wizard Roadster Wagon and Ideal Inspectors Lanterns.

For $\frac{5}{8}$ Inch Wick

AB 201—Weight per dozen 1 lb. Each \$0.15



One dozen 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.

TRUCK FLARES

LUCK-E-LITE

Ruggedly built to give the maximum service with greatest convenience at lowest cost and operating expense. They stay lighted through heavy wind and rain storms. Will give a big light all through the night if necessary. Leakproof, easy to light and to handle.

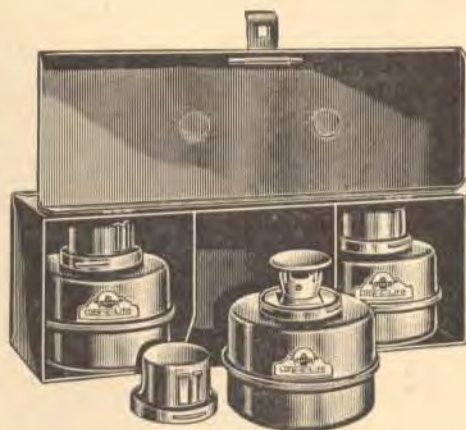
These flares have passed the most rigid state requirements. Long distance visibility gives traffic ample warning against danger. Bright enough, too, for working around the truck.

Construction—Heavy two-piece 20 gauge steel body, double seamed at joint. Gray enamel body, red enamel cap. Patented burner construction, lights instantly, conserves wick and fuel and completely protects flame against rain. Held in place by square bayonet type joint with gasket to prevent oil seepage.

Heavy steel burner cap or snuffer fastens to container by bayonet joint fitted with leakproof gasket. Round wick size $\frac{5}{8}$ x 9 inches. Spiral head in wick tube makes wick easy to insert, yet holds it so firmly that jolting will not alter adjustment.



No. AB 275
(Flag Not Included)



No. AB 375

INDIVIDUAL FLARES

Sturdy, flat bottom shape, easy to set in place. Body is $5\frac{1}{2}$ inches in diameter, $3\frac{3}{4}$ inches high. Height over all about $5\frac{1}{2}$ inches.

Capacity 42 fluid ounces.

AB 75—Weight per dozen
22 lbs.Each \$1.00

One dozen in a case.

TRUCK FLARE WICKS

High grade solid braided cotton, $\frac{5}{8}$ x 9 inches. Even feeding gives steady flame.

AB 79—Weight per dozen
1 lb.Each \$0.10

Packing—bulk.

TRUCK FLARE FLAGS

Red cloth flag 12x12 inches with hemmed edges mounted on two-piece tinned steel staff 22 inches long (assembled). Staff fits into socket on cap of flares. Designed especially for use with Luck-E-Lite truck flares.

AB 1212—Weight per dozen
2 lbs.Each \$0.25

Packing—bulk.

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

TRUCK FLARE SETS

Complete kit comprises two or three flares, each in an individual compartment of heavy 20-gauge steel case, as shown in the illustration. Case sturdily constructed to stand rough handling—black enameled finish. Hinged cover and heavy steel hasp that can be padlocked. Flag not included.

Flares fit case equally well in all positions, permitting convenient attachment of the case to the vehicle in any desired position or location. Means are provided for bolting to truck as required by law. Flares are fully enclosed and protected when not in use.

Nos.
Flares in a Set
Size Flare Box, Inches
Weight per Set, Lbs.
Per Set

AB 275	AB 375
2	3
11 $\frac{5}{8}$ x 6 x 6	17 $\frac{1}{2}$ x 6 x 6
9	13
\$3.50	4.50

One set in a carton.

HIGHWAY FLARE TORCHES DIETZ—WEIGHTED

For kerosene or light fuel oil. Holds 3 quarts. Burns more than 36 hours.

Meets all requirements of contractors to use in place of or in conjunction with ruby globe lanterns. Heavy steel construction to withstand rough use. Halves are metalically seamed together under heavy pressure, rolled tight, and cemented leak-proof. Spherical shape and weighted bottom serve to right torch if skidded or tipped by passing vehicles. Heavy steel "all weather" burner combines in itself rain shield, $\frac{3}{8}$ inch wire carrying loop, automatic wick lock, and wrench. $\frac{7}{8}$ inch round wick. Black enameled tank, dull nickel finish burner, loop and shield. Diameter $7\frac{1}{4}$ inches, height to top of burner $7\frac{1}{2}$ inches.

AB 96—Weight per dozen 84 lbs.Each \$1.69

One-quarter dozen in a carton.

FLARE TORCH WICKS

For Dietz road flares No. AB 96 and others requiring wicks of this size. Size $\frac{5}{8}$ x 18 inches.

AB 96W—Weight per dozen $\frac{1}{4}$ lb.Each \$0.15

One dozen in a package.



Miners' and Drivers' Carbide Lamps

Absolutely safe and always ready for use.

Add water to carbide and the resulting acetylene gas when ignited throws a pure white flame, next to sunlight in brilliancy. This type flame is used by the U. S. Government in light houses. This light is economical, easy to operate, does not smoke, is free from grease and dirt. Spark lighter attached—no matches needed to start light. Costs less than one cent per hour to burn lamp.

JUSTRITE

For Metal Miners With Protecto Grip

Patented Protecto Grip which makes it easy to remove bottom, and protects shoulder on bottom when removing used carbide. Polished brass carbide and upper tanks. Carbide tanks double seamed, soldered bottom and threaded breast. Seamless upper tank or water container threaded to fit carbide tank. Hinged friction cover. Lever feed regulating device on top of tank.

Nickel-plated brass reflector with lighter attachment. New style lava tip is fitted with metal flame protector. Heavy gauge brass wire hanging hook and flat brass braces riveted on.

Diameter carbide tank 2 inches. Length from front of reflector to hanging hook 3 3/4 inches. Height over all 4 1/2 inches.

Candle power 16 1/2. Will burn 2 1/2 hours.

4-Inch Reflector

AB 747—Weight per dozen 5 lbs. Each \$1.15

One in a carton.

MINERS' LAMP BOTTOMS For All Justrite Miners' Cap Lamps

AB 935—Nickel-plated brass Each \$0.25

AB 965—Polished brass Each .23

Weight per dozen 1 1/4 lbs.
One dozen in a carton.

EXTRA PARTS FOR MINERS' AND DRIVERS' LAMPS BURNER TIPS

Jewel

For Auto-Lite lamps. Brass shell, with an imported lava burner inset. Will not break or crack, easy to insert or take out.

AB 28—Weight per dozen 4 ounces. Each \$0.03
Packing—bulk.

LARGE FELT WASHERS

Diameter 1 1/2 inches, thickness 3/16 inch.

AB 1F—Weight per dozen 2 ounces. Each \$0.02
Packing—bulk.

EXTRA SPARK PLUGS For Lighter Attachment

AB 172—Weight per dozen 3/8 ounce. Each \$0.02
One in an envelope.
One dozen envelopes in a carton.

LIGHTER COMPLETE

AB 25—Weight per dozen
3 ounces Each \$0.10
Packing—bulk.

RUBBER GASKETS

AB 377—Weight per dozen 3 for 5c
Packing—bulk.



AUTOLITE

With Bumper Grip

Makes a brilliant acetylene light 14 candle power. Burns 3 1/2 hours with one charge of carbide.

Bumpergrip feature prevents breaking or denting bottom when striking to break up sludge. Provides a cool, firm grip when bottom is hot and an excellent gripping device for removing bottom.



Heavy polished brass throughout. Seamless carbide tank with threaded breast, seamed and soldered. Heavy rubber washer. Seamless upper tank or water container threaded to fit carbide tank. Hinged friction cover. Lever water regulating device. Hanging hook 11-gauge brass wire. Brass wire braces. Highly polished silvered brass reflector.

Complete with lava tip and spark lighter. Height over all 3 3/4 inches.

2 1/2-Inch Reflector

AB 106—Weight per dozen 5 lbs. Each \$1.09



For a more brilliant light choose this lamp with extra large reflector, height over all 7 inches.

7-Inch Reflector

AB 390—Weight per dozen 17 1/2 lbs. Each \$1.98

One in a carton, one dozen in a case.

MINERS' LAMP BOTTOMS For All Autolite Miners' Lamps

AB 120—Polished brass. Weight per dozen 2 lbs. Each \$0.25

One dozen in a carton.

MINERS' PIT LAMPS

GUY'S DROPPER



The special water regulating device assures accurate drip of water into carbide tank and assures a steady flame. Carbide capacity 1 1/4 ounces, sufficient to burn 3 hours.

Durably constructed of polished brass throughout. Seamless carbide tank with threaded top and heavy washer. Upper tank (water container) threaded to fit carbide tank. Hinged friction cap. Heavy brass wire hanging hook.

Removable nickel-plated brass reflector. Reflector held in place by wing nut. Complete with lava tip and spark lighter. Length from back of hook to reflector 3 3/4 inches. Height 3 3/4 inches.

2 1/2-Inch Reflector

AB 285—Weight per dozen 6 lbs. Each \$1.09

One-twelfth dozen in a cardboard box.

MINERS' LAMP BOTTOMS For All Guy's Dropper Miners' Car Lamps

AB 129—Polished brass. Weight per dozen 2 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.

MINERS' CAPS



Adjustable to any headsize from 6½ to 7½.

Durable, warm and comfortable. Made of heavy weight, special shrunk brown duck, flannel lined. Heavy visor, canvas covered. Patented lamp holder of XX tin interlined with vulcanized fibre, attached with "safety" lamp hook holder. Fitted with adjustable brown web strap and buckle.

AB AJ9—Weight per dozen 2 lbs.....Each \$0.29

One dozen in a carton.



SAFETY

Brown or white cloth, single canvas visor. Improved fibre and metal lamp holder, riveted.

Sizes: 6¾, 6⅞, 7, 7⅛, 7¼, 7⅝, 7½

AB 9M—Weight per dozen
3¼ lbs.Each \$0.29



Brown or white cloth, single visor. Fibre and metal lamp holder, riveted.

Sizes: 6¾, 6⅞, 7, 7⅛, 7¼, 7⅝, 7½

AB 1M—Weight per dozen
2¾ lbs.Each \$0.25

One dozen of a size in a carton.

BRUSH CLEANERS

JUSTRITE



Keeps miners' lamps clean. Brush made of 50 hard rustproof steel wires when not in use.

AB 37—Weight per dozen 2 ounces.....Each \$0.10

Packing—bulk.

REAMERS



For cleaning lava tips on miners' lamps. Finest grade steel. Length 2¼ inches.

AB 34—Weight per dozen ⅛ ounce.....Per Doz. \$0.25

Packing—bulk.

MATCH SAFES



MINERS'—WATER-PROOF

Nickel-plated brass. Size ⅞x2⅞ inches.

AB 75—Weight per dozen ½ lb.....Each \$0.10

One dozen in a carton.

MINERS' WICKS



Made of heavy Kentucky cotton threads, put up in convenient round balls.

AB Y—Weight per ball
2 ouncesEach \$0.10

5 lbs. in a cotton sack. 100 lbs. in a bale.

Sold only in full sacks.

* 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.

CALCIUM CARBIDE

- Fusion of ground lime and coke in an electric furnace produces calcium carbide.
- Applying water to calcium carbide generates acetylene gas which makes a pure white "daylight" flame that will penetrate fog and mist.
- The gas does not smoke. Has no odor when burning. Costs less than one cent an hour to burn. An ounce will produce an hour's light.
- Comes in solid lumps like gray pebbles. When kept dry it is perfectly harmless and can be packed in the camping outfit or carried in trunk or handbag.

UNION

Produces 4¼ cubic feet of gas per pound.

AB 2—2-lb. cans. ½-inch lumps, for bicycle and motorcycle lampsPer Can \$0.29

AB 2M—2-lb. cans. For miners', camp, and sportsmen's lamps. Per Can \$0.29

24 cans in a case, weight per case 61 lbs.

AB 10M—10-lb. cans. For miners', camp, and sportsmen's lamps. Per Can \$1.35

Six cans in a case, weight per case 75 lbs.

Lumps for miners', camp, and sportsmen's lamps.



UNION

Produces 4¼ cubic feet of gas per pound.

* **AB 100M**.....Per Pound \$0.12½

CAMEO

Produces 4¼ cubic feet of gas per pound.

* **AB C100M**.....Per Pound \$0.10

100 lbs. in a drum.

SOLD ONLY IN FULL DRUMS



POCKET CARBIDE CANS

JUSTRITE

Assures you of a ready supply of carbide, kept handy and dry in any kind of weather.

Concaved to fit hip pocket or boot. Very convenient to carry. Holds 10 ounces of carbide, a full day's supply. Light, tin-coated steel, ribbed and double seamed with convenient sliding cover. Strong, durable, air-tight and rustproof. Height 4½ inches, width 3½ inches, thickness 1⅜ inches.

AB 77—Weight per dozen
2¼ lbs.Each \$0.15

Packing—bulk.



REPAIRS FOR MOWERS, BINDERS AND REAPERS

These repairs are interchangeable with those furnished by the original manufacturers and will fit accurately the machines as listed.

UNDERSERRATED MOWER KNIVES



NOTE—5-Foot knives have 20 sections; 6-foot knives have 24 sections.

Nos.	Each	Lgth., Feet	For Mowers	Section Nos.
AB UZ5025	\$3.00	5	Deere—1922 Since	Z7029
AB UDA9205	3.45	5	Deering—1909 Since	C1864
AB UDA9206	3.65	6	Deering—1909 Since	C1864
AB UM1395	3.00	5	McCormick—1896 to 1933	ME333
AB UM1396	3.45	6	McCormick—1896 to 1933	ME333
AB UMA1395	3.45	5	McCormick-Deering (Steel)—1918 to 1933	ME333
AB UMA1396	3.65	6	McCormick-Deering (Steel)—1918 to 1933	ME333

Two on a board. Weight each 8 lbs.

SMOOTH MOWER KNIVES



NOTE—5-Foot knives have 20 sections; 6-foot knives have 24 sections.

Nos.	Each	Length, Feet	For Mowers	Section Nos.
AB Z454½	\$2.60	4½	Deere-Dain—1912 to 1919	Z5059
AB Z45	2.75	5	Deere-Dain—1912 to 1919	Z5059
AB Z456	3.00	6	Deere-Dain—1912 to 1919	Z5059
AB Z5024½	2.60	4½	Deere—1922 Since	Z5571
AB Z502	2.75	5	Deere—1922 Since	Z5571
AB Z5026	3.00	6	Deere—1922 Since	Z5571
AB D463	2.75	5	Deering—1898 to 1916	D1140
AB D4636	3.00	6	Deering—1898 to 1916	D1140
AB D920	2.75	5	Deering—1909 Since	D1140
AB D9206	3.00	6	Deering—1909 Since	D1140
AB DA920	3.00	5	Deering Steel Head—1909 Since	D1140
AB DA9206	3.40	6	Deering Steel Head—1909 Since	D1140
AB M203	2.75	5	Emerson—1900 to 1933	M193S
AB M2036	3.00	6	Emerson—1900 to 1933	M193S
AB M1394½	2.60	4½	McCormick—1896 to 1933	MB333
AB M139	2.75	5	McCormick—1896 to 1933	MB333
AB M1396	3.00	6	McCormick—1896 to 1933	MB333
AB MA1394½	2.85	4½	McCormick Steel Head—1918 to 1933	MB333
AB MA139	3.00	5	McCormick Steel Head—1918 to 1933	MB333
AB MA1396	3.40	6	McCormick Steel Head—1918 to 1933	MB333
AB K774	2.75	5	Osborne—1905 Since	5406
AB K7746	3.00	6	Osborne—1905 Since	5406

Two on a board. Weight each 8 lbs.

UNDERSERRATED MOWER SECTIONS



Triple diamond quality, crucible section steel, tempered by a special process which assures perfect cutting and wearing satisfaction.

Nos.	Per 100	For Mowers	Size, In.
AB Z7029	\$6.70	Deere—1922 Since	3x3 1/8
AB C1864	6.70	Deering—1909 Since	3x3 1/8
AB ME333	6.70	McCormick—1896 to 1933	3x3 1/4
AB USO5406	6.70	Osborne—1902 Since	3x3 1/8

25 in a carton. Weight per 100, 15 lbs.

SOLD ONLY IN FULL CARTONS

SMOOTH MOWER SECTIONS



Triple diamond quality, crucible section steel, tempered by a special process which assures perfect cutting and wearing satisfaction.

Nos.	Per Box of 25	For Mowers	Size, In.
AB Z5059	\$1.45	Deere—1895 to 1918	3x3 1/8
AB Z5571	1.45	Deere—1918 Since	3x3 1/8
AB D1140	1.45	Deering—All Mowers 1893 to 1926	3x3 1/8
AB M193S	1.45	Emerson Standard—1900 Since	3x3 1/8
AB MB333	1.45	McCormick—All Mowers (Also fits Champion)	3x3 1/4
AB 5406	1.45	Osborne—1902 Since	3x3 1/8

25 in a carton. Weight per 100, 15 lbs.

SOLD ONLY IN FULL CARTONS

WEARING PLATES



Nos.	Each	For Mowers
AB Z5926	\$0.12	Deere for under 2° Clip
AB D1455	.12	Deering—Under Cap
AB D3012	.12	Deering—Under Clip
AB M66S	.12	Emerson Under—Cap
AB MA490	.12	McCormick—Under Cap
AB MA468	.12	McCormick—Under Clip
AB 13461	.12	Osborne—Under Clip
AB 10009	.12	Osborne—Under Back Guide

Packing—bulk. Weight each 4 ozs.

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

REPAIRS FOR MOWERS, BINDERS AND REAPERS

These repairs are interchangeable with those furnished by the original manufacturers and will fit accurately the machines as listed.

MOWER KNIFE WEARING PLATES

UNIVERSAL "ONE-PIECE"—FULL LENGTH



The use of one of these wearing plates with mower knives avoids excessive wear, costly field delays, uneven cutting, ragged stubble, "choking-down" machines, loosened sections on cutting knife as it holds the knife true and straight from end to end, closes the knife-race and greatly improves the cutting action and ease of operation, and reduces cutting cost.

Will fit all mowers having guards 3 inches apart. One-piece heavy steel, natural finish.

Nos.	Each	Length, Feet	Weight Each, Lbs.
AB UWP5	\$1.35	5	4
AB UWP6	1.55	6	4½

Packing—bulk.

MOWER KNIFE HEADS



DEERE-DAIN Z 45

Nos.	Each	For Mowers
AB Z45KH	\$0.50	Deere—Up to 1922
AB Z502KH	.50	Deere—1922 Since
AB D463KH	.50	Deering—1898 to 1916
AB D920KH	.50	Deering, New Ideal Giant—1909 Since
AB DA920KH	.85	Deering, New Ideal Giant—1909 Since (Steel)
AB M203KH	.50	Emerson Stand. Wood Pitman—1900 Since
AB M139KH	.50	McCormick—1889 Since
AB MA139KH	.85	McCormick—Deering, 2-horse—1923 Since (Steel)
AB K774KH	.50	Osborne Nos. 1, 2 and 4—1905 Since

Packing—bulk. Weight each 2 lbs.

MOWER KNIFE CLIPS



McCORMICK M 463

Nos.	Each	For Mowers
AB Z6060	\$0.15	Deere
AB D927	.15	Deering
AB M579	.15	Emerson
AB M463	.15	McCormick—1892 to 1911
AB MF1000	.15	McCormick—All others
AB K665	.15	Osborne

Packing—bulk. Weight each ½ lb.

KNIFE HEAD CAPS AND GUIDES



McCORMICK



DEERING D 984

Nos.	Each	For Mowers
AB Z6010	\$0.27	Deere Head Guide, Front
AB Z488	.25	Deere Inner Shoe, Rear
AB D467	.35	Deering Head Cap, Front—1898 to 1911
AB D826	.27	Deering Head Cap, Front—1909 Since
AB D984	.35	Deering Head Guide, Rear
AB M528	.27	Emerson Head Guide, Front
AB M505	.35	Emerson Head Guide, Rear
AB MA1239	.27	McCormick Head Cap, Front
AB MA652	.25	McCormick Head Cap, Rear
AB OK494	.18	Osborne Head Guide, Front
AB OK792	.35	Osborne Head Guide, Rear

Packing—bulk. Weight each 1 lb.

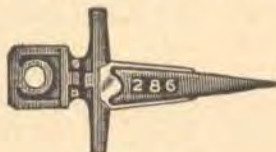
MOWER GUARDS



Nos.	Each	For Mowers
AB Z463	\$0.35	Deere—All
AB D698	.35	Deering—All
AB M614	.35	Emerson—All
AB M462	.35	McCormick—No. 4, 1892 to 1911
AB MD989	.35	McCormick—All others
AB K790	.35	Osborne—All
AB B5	.35	Bolto Guards—(Fits Z463, D698, MD989 Mower Guards)
AB B15	.35	Bolto Guards—(Fits Adriance Moline 3087D, 3087E, 3087H; Case Osborne OKA790, OK514, OK240; Milwaukee PK5; Thomas M209, CM3 and Wood L)

Packing—bulk. Weight each 1 lb.

BINDER GUARDS



Deering, 286

Nos.	Each	For Binders
AB B254	\$0.29	Deere—1923 Since (Replaces B29)
AB 286	.29	Deering—1882 Since
AB HA495	.29	McCormick—1888 Since

Packing—bulk. Weight each 1 lb.

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

REPAIRS FOR MOWERS, BINDERS AND REAPERS

These repairs are interchangeable with those furnished by the original manufacturers and will fit accurately the machines as listed.

GUARD PLATES



FOR MOWERS—SERRATED

Nos.	Per Box of 25	For Mowers
AB Z5110	\$1.45	Deere—All Guards
AB D1739	1.45	Deering—For D698
AB M301S	1.45	Emerson—For M595 and M614
AB M219½	1.45	McCormick—For M462
AB MA990	1.45	McCormick—All others
AB 11565	1.45	Osborne—For K790

FOR BINDERS—SMOOTH

Nos.	Per Box of 25	For Binders
AB B4051	\$1.45	Deere—For B254
AB E1330	1.45	Deering—All
AB H507	1.45	McCormick—All

25 in a carton. Weight per 100, 6½ lbs.

SOLD ONLY IN FULL CARTONS

GUARD BOLTS

SOLD ONLY IN FULL CARTONS



Style 3



Style 4



Style 5

Nos.	Per Box of 25	For Mowers or Binders	Style No.
AB Z5297	\$0.90	Deere Mower—Long	3
AB Z5294	.90	Deere Mower—Short	3
AB B4059	.90	Deere Binder—Short	5
AB B4060	.90	Deere Binder—Long	5
AB D2433	.90	Deering Mower—Long	Spl.
AB D2432	.90	Deering Mower—Short	Spl.
AB H5483	.90	Deering Binder—Long	4
AB 3L	.90	Emerson Mower—Long	3
AB 3S	.90	Emerson Mower—Short	3
AB M329	.90	McCormick Mower—Short for M462	3
AB M805	.90	McCormick Mower—Short for M0989	3
AB M329½	.90	McCormick Mower—Long for M462	3
AB M806	.90	McCormick Mower—Long for M0989	3
AB H508	.90	McCormick Binder—Short	3
AB H508½	.90	McCormick Binder—Long	3
AB 2002	.90	Osborne Mower—Long	3
AB 2003	.90	Osborne Mower—Short	3

25 in a carton. Weight per 100, 10 lbs.

SOLD ONLY IN FULL CARTONS

SICKLES



FOR BINDERS, HEADERS AND REAPERS

Note—6-foot knives have 24 sections! 8-foot knives have 32 sections; No. AB H877 has 23 sections; No. AB H877½ has 31 sections.

Nos.	Each	Length, Feet	For Binders	Section Nos.
AB HZ493	\$3.00	6	Deere—1914 to 1925	H25186
AB HZ4937	3.40	7	Deere—1914 to 1925	H25186
AB B31	3.00	6	Deere—1923 Since	B4831
AB B318	3.75	8	Deere—1923 Since	B4831
AB H877	3.00	6	Deering—1904 Since	E1328
AB H8778	3.75	8	Deering—1904 Since	E1328
AB BA756	3.00	6	McCormick—1911 Since	762
AB BA7568	3.75	8	McCormick—1911 Since	762

Two on a board. Weight each 8 lbs.

BINDER SICKLE SECTIONS



SERRATED

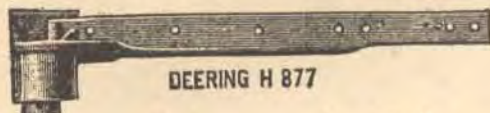
Triple diamond quality crucible, specially tempered, serrated and sharpened to give perfect satisfaction.

Nos.	Per Box of 25	For Binders	Size, In.
AB HZ5186	\$1.45	Deere—Light Draft, 1911 to 1924	3x2½
AB B4831	1.45	Deere—1923 Since	3x2½
AB E1328	1.45	Deering—1890 Since	
AB 762	1.45	McCormick—All Binders	

Weight per 100, 15 lbs. 25 in a carton.

SOLD ONLY IN FULL CARTONS

BINDER KNIFE HEADS



DEERING H 877

Nos.	Each	For Binders
AB HZ463KH	\$0.50	Deere—1914 Since
AB B31KH	.50	Deere (Mall.)—1923 Since
AB H877KH	.85	Deering—1903 Since
AB BA756KH	.65	McCormick—1911 Since

Packing—bulk. Weight each 2 lbs.

Use a
KEEN KUTTER
LAWN MOWER

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

REPAIRS FOR MOWERS, BINDERS AND REAPERS

These repairs are interchangeable with those furnished by the original manufacturers and will fit accurately the machines as listed.

MOWER PITMANS



COMPLETE WITH BOLTS, LESS BOX

Nos.	Each	For Mowers
AB Z5661	\$1.95	Deere No. 1, 1922
AB Z5662	1.95	Deere No. 2, 1922
AB D2907	1.95	Deering, All
AB Z397	1.95	Emerson, Standard 4 to 6 ft., 1902
AB M392	1.95	McCormick, All 2 Horse, 1896
AB J9439 1/2	1.95	Osborne, New No. 2, 1910

Packing—bulk. Weight each 6 lbs.

BINDER PITMANS



Nos.	Each	For Binders
AB HZ9140	\$0.60	Deere, 1914
AB H1255	.60	Deering—30 inch Centers
AB B763	.75	McCormick—1911 to 1926
AB BA763	.60	McCormick-Deering—1923 on

Packing—bulk. Weight each 1 1/2 lbs.

PITMAN WOODS ONLY



Nos.	Each	For Mowers	Replace Pitman Nos.
AB Z6052	\$0.55	Deere No. 1, 1922 (34 1/8 in.)	25661
AB Z6053	.55	Deere No. 2, 1922 (32 1/4 in.)	25662
AB D3008	.55	Deering 1901 (33 in.)	D2907
AB M13W	.55	Emerson Standard 4 1/2 to 6 ft. 1902	2397
AB M393	.55	McCormick 1889—All 2 Horse	M392
AB J9439	.55	Osborne 1910, New Nos. 2 and 3	J9439 1/2

Packing—bulk. Weight each 1 1/4 lbs.

PITMAN BOXES



Nos.	Each	For Mowers
AB Z513	\$0.69	Deere, 1923
AB G191	.65	Deering, 1914, Since
AB M517	.75	Emerson, All
AB ME317	.75	McCormick, All 1888, Since
AB KA1158	.67	Osborne, 1913, Since

Packing—bulk. Weight each 1 lb.

WRIST PINS



DEERING—AB D1241

Nos.	Each	For Mowers
AB Z5031	\$0.80	Deere-Dain, New (Z73 Nut)
AB D1241	.70	Deering
AB M132S	.90	Emerson—All Standard
AB M90	.70	McCormick—New No. 4, Big 4 and No. 6
AB 9835	.75	Osborne—New, Nos. 2 and 3

Packing—bulk. Weight each 1 lb.

KEEN KUTTER
LAWN MOWERS
For Smooth Lawns

PITMAN STRAPS



No. AB M147



No. AB M315

Nos.	For Mowers	Each
AB Z392	Deere, Nos. 1 and 2 (steel) 1922 (knife end, rear)	\$0.35
AB Z393	Deere, Nos. 1 and 2 (steel) 1922 (knife end, front)	.35
AB Z516	Deere, Nos. 1 and 2 (steel) 1922 (box end, lower and upper)	.25
AB G210	Deering (steel) 1914 (box end, lower and upper)	.25
AB G211	Deering (steel) 1914 (knife end, front) replaces D893 and D605	.35
AB G212	Deering (steel) 1914 (knife end, rear) replaces D894 and D604	.35
AB M147	McCormick, Nos. 4 and 6 (steel) 1887 (knife end, front)	.35
AB M304	McCormick, Nos. 4 and 6 (steel) 1887 (knife end, rear)	.35
AB M315	McCormick, Nos. 4 and 6 (steel) 1887 (box end, upper)	.25
AB M316	McCormick, Nos. 4 and 6 (steel) 1887 (box end, lower)	.25

Packing—bulk. Weight each 7/8 lb.

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REPAIRS FOR MOWERS, BINDERS AND REAPERS

These repairs are interchangeable with those furnished by the original manufacturers and will fit accurately the machines as listed.

CONVEYOR CANVASES



DEERE—Light Running Binders

Nos.	Each			Wt. Ea., Lbs.	Std. List, Ea.
AB B8556	\$4.75	Upper elevator, 96x44 1/4 in.	1923	8	\$4.75
AB B8555	5.15	Lower elevator, 94x50 3/4 in.	1923	8 1/2	5.15
AB B8553	7.65	7-ft. platform, 160x38 3/4 in.	1923	12 1/2	7.65
AB B8554	9.00	8-ft. platform, 184x38 3/4 in.	1923	15	9.00

DEERE—Light Draft Binders

Nos.	Each			Wt. Ea., Lbs.	Std. List, Ea.
#AB HZ9041	\$7.65	7-ft. platform, 159x44 3/4 in.	1911-1925	14	\$7.65
#AB HZ9042	9.00	8-ft. platform, 183x44 3/4 in.	1911-1925	17	9.00
#AB HZ9402	5.15	Lower elevator, 96x50 3/4 in.	1911-1925	8 1/2	5.15
(Replaces and works for HZ9043 and HZ9216)					
#AB HZ9403	4.75	Upper elevator, 94 1/2 x 47 in.	1911-1925	8	4.75
(Replaces and works for HZ9044 and HZ9215)					

Extra A1 quality duck of reverse construction woven expressly for this purpose. Will stand great tensile stress and has great strength in the right direction to resist strain due to canvas tighteners or pulling of rotating rollers.

DEERING—Ideal Binders

Nos.	Each			Wt. Ea., Lbs.	Std. List, Ea.
AB HA4562	\$4.75	Upper elevator, 94x47 in.	1908-1926	8	\$4.75
AB HD1775	5.15	Lower elevator, 89x50 3/4 in.	1899-1926	8 1/2	5.15
AB HA1773	7.65	7-ft. platform, 157 1/2 x 43 3/4 in.	1899-1926	13	7.65
AB HA2791	9.00	8-ft. platform, 183x43 3/4 in.	1901-1926	16	9.00

McCORMICK

Nos.	Each			Wt. Ea., Lbs.	Std. List, Ea.
R. & L. McCormick Binders Deering					
AB BD65	\$4.75	Upper elevator, 91x47 1/2 in.	1901-26	8	\$4.75
#AB BA66	5.25	Lower elevator, 97x51 in.	1901-13	8 1/2	5.25
AB BB835	5.15	Lower elevator, 89x51 in.	1911-26	8 1/2	5.15
AB BB468	7.65	7-ft. platform, 158x45 in.	1901-26	14	7.65
AB BC469	9.00	8-ft. platform, 182x45 in.	1902-26	17	9.00

BINDER CANVAS SLATS



Straight grained hardwood without holes.

AB BCS56—Size 1 1/2 x 1 1/2 x 56 in. Weight per 100 50 lbs. Per 100 \$6.65

Packing—bulk.

KNOTTER HOOKS



McGILL'S IMPROVED

Guaranteed to bind successfully 500 acres of grain. Saves time and twine. Edges cannot wear sharp. Hard bronze head and jaw, guaranteed not to rust or corrode.

Nos.	Each	For Binders
AB HZ185	\$1.45	Deere—All Binders, 1911, Since
AB B189	1.45	Deering—All Binders, 1898-1922
AB T567M	1.45	McCormick—All Binders, 1894-1922
AB T567MD	1.45	McCormick-Deering—All Binders, 1923

Packing—bulk. Weight each 1/2 lb.

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

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APRON WEBBING

For repairing and reinforcing binder canvases; excellent for repairing harness.



One Ply

Nos.	Per Foot	Width, Inches	Wt. Per 100 Feet, Lbs.
AB AS2	\$0.02	2 1/4	2 1/4
AB AS2 1/2	.02 1/4	2 1/2	3
AB AS3	.03	3	4

100 feet in a bundle.

HARVESTER WEBBING

FOR BINDER AND HEADER CONVEYOR APRONS



Three-Ply

Good quality, strong cotton webbing.

Nos.	Per Foot	Width, Inches	Wt. Per 100 Feet, Lbs.
AB 3P1 1/8	\$0.02 1/2	1 1/8	3 1/4
AB 3P1 1/4	.03	1 1/4	4
AB 3P2	.04 1/2	2	6 1/2

100 feet in a bundle.

IRON RIVETS

These rivets are made to blueprint specifications, are exact in size and will fit perfectly where intended. When ordering give style of head, length, thickness and purpose to be used for.

SMOOTH MOWER SECTION RIVETS



Special Oval Head

Size $\frac{1}{2} \times 1\frac{3}{4}$ in. Per Lb. \$0.20

SERRATED AND BINDER SECTION RIVETS



Special Oval Head

Size $\frac{3}{8} \times 1\frac{3}{4}$ in. Per Lb. \$0.20

Special Countersunk Head

Size $\frac{7}{16} \times 1\frac{3}{4}$ in. Per Lb. \$0.20

KNIFE HEAD RIVETS



Special Oval Head

Size, in. $\frac{5}{8} \times 1\frac{3}{4}$ $\frac{3}{4} \times 1\frac{3}{4}$ $\frac{7}{8} \times 1\frac{3}{4}$
Per lb. \$0.20 .20 .20

GUARD PLATE RIVETS



Special Countersunk Head

Size $1\frac{1}{4} \times 1\frac{3}{4}$ in. Per Lb. \$0.20

PITMAN STRAP RIVETS



Oval Head

Size, in. $2 \times \frac{1}{4}$ $2\frac{1}{4} \times \frac{1}{4}$ $2\frac{1}{2} \times \frac{1}{4}$
Per lb. \$0.20 .20 .20

One pound in a carton.

DETACHABLE SPROCKET CHAIN



Used extensively for power transmission, and for elevator and conveyor work not involving too much twisting and side strain. Also for double strand elevators and conveyors.

Usable wherever necessary on binders, headers, feed cutters, manure spreaders and silo fillers.

MALLEABLE IRON—OIL DIPPED

Each link is detachable and finished for accurate fit.

No.	Per Ft.	Average Pitch, in.	Average Ultimate Strength, Lbs.	No. Links in 10 Ft.	Max. Speed Per Min., Ft.	Weight Per Ft., Lbs.	Std. List Per Ft.
AB 25M	\$0.18	.902	700	133	600	.24	\$0.17
AB 32M	.18	1.154	1100	104	600	.32	.17
AB 33M	.17	1.394	1190	86	600	.32	.16
AB 34M	.19	1.398	1300	86	600	.40	.18
AB 42M	.20	1.375	1500	86	600	.55	.19
AB 45M	.19	1.630	1600	74	500	.52	.18
AB 52M	.24	1.506	2300	80	500	.80	.23
AB 55M	.21	1.631	2200	74	500	.70	.20
AB 62M	.29	1.654	3100	73	500	1.04	.27
AB 67M	.32	2.308	3300	52	480	1.15	.30
AB 77M	.37	2.297	3600	52	480	1.45	.35

STEEL—PAINTED BLACK

AB 32S	\$0.16	1.154	1650	104	600	.34	\$0.17
AB 33S	.15	1.394	1190	86	600	.32	.16
AB 34S	.17	1.398	1300	86	600	.40	.18
AB 42S	.18	1.375	1500	88	600	.55	.19
AB 45S	.17	1.630	1600	74	500	.52	.18
AB 52S	.21	1.506	2300	80	500	.80	.23
AB 55S	.23	1.631	2200	74	500	.70	.20
AB 62S	.25	1.654	3100	73	500	1.04	.27
AB 67S	.28	2.308	3300	52	480	1.15	.30
AB 77S	.33	2.297	3600	52	480	1.45	.35

In 10-ft. lengths.

CULTIVATOR SHOVELS

STANDARD



Left Hand



Right Hand

Crucible steel, $\frac{1}{4}$ -inch thick, with reinforced points; polished and lacquered front; japanned back.

Fitted with malleable iron shovel backs for round shank 1 to $1\frac{1}{4}$ inches.

Right hand shovels throw soil to the right; left hand shovels throw soil to the left.

Size $3\frac{1}{2} \times 8\frac{1}{2}$ Inches

Per Set (6)

AB 45—Set of six shovels—three right hand and three left hand. Weight per set $15\frac{1}{4}$ lbs. \$3.25



ARROW HEAD

The special design of these shovels offers great cutting surface and requires very light draft.

Crucible steel, $\frac{1}{4}$ -inch thick, with sharpened edges and reinforced points; polished and lacquered front; japanned back.

Fitted with malleable iron shovel backs for round shank 1 to $1\frac{1}{4}$ inches.

Size 6x8 Inches

Per Set (6)

AB 68—Set of six—all alike. Weight per set $13\frac{1}{2}$ lbs. \$3.50

One set in a carton.

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

CAST IRON CHILLED PLOW SHARES AND LANDSIDES

VESUVIUS

Toughness, strength and extra wear are built into these shares and landsides through the proper mixture of pig iron and other highly important elements that enter into their construction. Made to the right thickness and shape, they are guaranteed to fit as perfectly as those originally furnished with your plow.

"Stove plate" finish, with ground and polished soil side surface, enameled "pine-tree" green.

SOLID SHARES

RIGHT HAND



FOR CHATTANOOGA PLOWS

Nos.		Each	For Plow No.	Wt. Lbs.	Std. List, Each
AB 43DS	Deep Suction	\$0.46	43	6½	\$0.42
AB 44DS	Deep Suction	.57	44	8	.50
AB 63DS	Deep Suction	.46	63	6	.42
AB 64DS	Deep Suction	.57	64	7¾	.50

FOR IMPERIAL PLOWS

AB 710X		\$0.75	700, 710	9¼	\$0.65
AB 808X		.65	800, 808, 818	7¾	.55
AB 810X		.70	810	8	.62

FOR OLIVER PLOWS

AB ACDS	Deep Suction	\$0.33	AC	3¾	\$0.25
AB 10DS	Deep Suction	.50	10	4¾	.40
AB 13C	Common	.60	13	5¾	.50
AB 13DS	Deep Suction	.60	13	5¾	.50
AB 19C	Common	.65	19	5¾	.55
AB 19DS	Deep Suction	.65	19	5¾	.55
AB 20C	Common	.70	20	6	.60
AB 20DS	Deep Suction	.70	20	6	.60
AB 40C	Common	.80	40	8	.70
AB 40DS	Deep Suction	.80	40	8	.70

FOR SOUTH BEND PLOWS

AB 2		\$0.45	2, 2A, 2F, 2V	4	\$0.35
AB 2X		.50	2X, 2XV	4	.40
AB 2½		.55	2½, 2½F	5½	.45
AB 2½X		.60	2½X	6	.50
AB 3		.60	3, 3ADS, 3F	5½	.50
AB 3X		.65	3X	6¼	.55
AB 4		.65	4, 4ADS, 4F	6¼	.55
AB 4X		.70	4X	7¾	.60

FOR SYRACUSE PLOWS

AB 603C		\$0.65	463, 603, 1463	8	\$0.50
AB 604C		.60	464, 604, 1464	7½	.46
AB 605C		.50	465, 605, 1465	4	.36

FOR VULCAN PLOWS

AB 7VDS	Deep Suction	\$0.33	7	3¾	\$0.25
AB 10VDS	Deep Suction	.60	10	6¼	.50
AB 11VDS	Deep Suction	.65	11	6½	.55
AB 12VDS	Deep Suction	.70	12	8	.60

Packing—bulk.

LANDSIDES

RIGHT HAND



FOR CHATTANOOGA PLOWS

Nos.	Each	For Plow No.	Wt. Lbs.	Std. List, Each
AB 43L	\$0.85	43	7½	\$0.78
AB 44L	1.05	44	8	.95
AB 63L	.85	63	6½	.78
AB 64L	1.05	64	8	.95

FOR IMPERIAL PLOWS

AB 710XL	\$1.20	700, 710	10½	\$1.10
AB 808XL	1.00	800, 808	8¼	.85
AB 810XL	1.10	810	10	1.00

FOR OLIVER PLOWS

AB 10LWB	Wood Beam	\$0.90	10	7	\$0.70
AB 10LSB	Steel Beam	.90	10	7	.70
AB 13LSB	Steel Beam	1.10	13	7¼	.90
AB 13LWB	Wood Beam	1.10	13	7¼	.90
AB 19LSB	Steel Beam	1.15	19	9¾	1.05
AB 19LWB	Wood Beam	1.15	19	9¾	1.05
AB 20LWB	Wood Beam	1.20	20, F448	10¼	1.20
AB 20LSB	Steel Beam	1.20	20	10¼	1.20
AB 40LWB	Wood Beam	1.30	40, F484	11	1.15
AB 40LSB	Steel Beam	1.30	40	11	1.15
AB ALWB	Wood Beam	.65	A	5	.50
AB ACLWB	Wood Beam	.65	AC	5	.50
AB ALSB	Steel Beam	.65	A, F1263	5	.50
AB ACLSB	Steel Beam	.65	AC	5	.50

FOR SOUTH BEND PLOWS

AB 2L		\$0.90	2, 2A	6¾	\$0.70
AB 2XL		.90	2X	6¾	.70
AB 2½L		1.10	2½	8	.90
AB 2½XL		1.10	2½X	8	.90
AB 3L		1.15	3, 3A	9¼	1.05
AB 3XL		1.15	3X	9¼	1.05
AB 4L		1.20	4, 4A	12½	1.10
AB 4XL		1.20	4X	12½	1.10

FOR SYRACUSE PLOWS

AB 463L		\$1.15	463, 1463	10½	\$0.96
AB 464L		1.10	464, 1464	8	.84
AB 465L		.75	465, 1465	8	.64
AB 605L		1.05	605	11¾	.80

FOR VULCAN PLOWS

AB 7L		\$0.65	7	3½	\$0.50
AB 10L		1.10	10	8¼	.90
AB 11L		1.15	11	7¾	1.05
AB 12L		1.20	12	9¾	1.10

Packing—bulk.

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

AGRICULTURAL BELTING



RED—Friction Surface

Good grade duck adaptable for use in mills, factories, and farm machinery. Will give excellent service.

AB RA32—32-oz. duck. Friction test 16 to 19 lbs.

4-Ply

Width, Inches	Per Foot	Weight Per 100 Feet, Lbs.	Std. List, Per Foot
3	\$0.20	27	\$0.65
4	.27	36	.82
5	.32	45	1.02
6	.40	54	1.22

AB RA28—28-oz. duck. Friction test 12 to 15 lbs.

Adaptable to work in industrial plants and agricultural fields. Suited for drives comparable to saws, pump jack, and the like.

Width, Inches	Per Foot	Weight Per 100 Feet, Lbs.	Std. List, Per Foot
3-Ply			
1½	\$0.10	10	\$0.31
2	.12	13½	.39
2½	.15	17	.48
3	.16	20¼	.55
4-Ply			
2	.15	18	.46
2½	.18	22½	.56
3	.19	27	.65
4	.25	36	.82
5	.30	45	1.02

250 feet in a roll.

When ordering be sure to specify number, ply and width.

LEATHER BELTING

ROUND

For use on small power machines. First quality oak tanned leather. Regular weight.

Nos.	Per 100 Ft.
AB RBR¼	\$0.07½
AB RBR½	.10
AB RBR¾	.15

Wt. Per 100-Ft.
Diam., Spool,

Nos.	In.	Lbs.
AB RBR¼	¼	5
AB RBR½	½	6½
AB RBR¾	¾	8

100 feet on a spool.



FLAT—STANDARD GRADE

A well-made good quality belt for general purposes.

Nos.	Per Foot	Width, Inches	Thick- ness, Inches	Weight Per 100 Feet, Lbs.
SINGLE				
AB LBS1	\$0.13	1	¾	7
AB LBS1½	.19	1½	1¾	11
AB LBS2	.25	2	1¾	14
DOUBLE				
AB LBD2	.49	2	1¾	25
AB LBD3	.75	3	1¾	37

100 feet on a roll.

* 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.

SQUARE EDGE BELTING

REPUBLIC—CHALLENGER



This belting has all the strength, flexibility and friction qualities of the best belting made with the additional feature of being square edged.

Hard woven duck. All plies skim-coated; tan color, with purple edge.

AY D700—33-oz. duck; 20-24 lb. friction surface.

Width, Inches	Per Foot	Weight Per 100 Feet, Lbs.	Std. List, Per Foot
3-Ply			
1½	\$0.24	10½	\$0.31
2	.30	14	.39
2½	.36	17½	.48
3	.42	21	.55
3½	.42	23½	.56
4	.48	28¼	.65
4-Ply			
4	.62	37½	.82
5	.77	47	1.02
6	.97	56¼	1.22
5-Ply			
6	1.15	71	1.53
8	1.45	94½	1.93

Can be furnished in lengths up to 250 feet.

When ordering be sure to specify number, ply and width.



ENDLESS THRESHER OR TRACTOR BELTS

RED—Friction Surface

Made of good grade duck and will give excellent service.

Nos.	Each	Length, Feet	Weight, Lbs.	Std. List, Each
WIDTH 4 INCHES—4 PLIES				
*AY EB4440	\$10.45	40	15¼	\$35.50
WIDTH 5 INCHES—4 PLIES				
*AY EB5440	12.45	40	18¼	44.00
*AY EB5450	15.45	50	23¼	54.00
*AY EB5460	18.25	60	28¼	64.00
*AY EB5475	23.45	75	35½	79.50
*AY EB54100	28.95	100	48	105.00
WIDTH 6 INCHES—4 PLIES				
AY EB6440	15.25	40	21½	52.50
AY EB6450	18.65	50	27½	64.50
AY EB6460	21.95	60	33¼	76.50
AY EB6475	26.95	75	42	95.00
*AY EB64100	35.95	100	56½	125.50
*AY EB64125	44.75	125	71	156.00
WIDTH 7 INCHES—4 PLIES				
*AY EB7450	21.75	50	32	75.50
*AY EB7460	25.75	60	38¾	90.00
AY EB7475	31.95	75	49	111.50
AY EB74100	41.95	100	66	147.00
*AY EB74125	53.75	125	83	183.00
*AY EB74150	62.75	150	100	218.50
WIDTH 8 INCHES—4 PLIES				
*AY EB8450	23.75	50	36½	81.50
*AY EB8460	27.75	60	44½	97.00
*AY EB8475	34.75	75	56	120.50
*AY EB84100	45.50	100	75½	158.50
*AY EB84125	56.50	125	95	197.00
*AY EB84150	66.75	150	114	235.50
WIDTH 7 INCHES—5 PLIES				
*AY EB75125	65.50	125	102½	229.00
*AY EB75150	78.45	150	123½	274.00
WIDTH 8 INCHES—5 PLIES				
*AY EB85125	70.75	125	116½	247.00
*AY EB85150	84.45	150	140½	295.00
*AY EB85160	89.95	160	150	314.50
WIDTH 9 INCHES—5 PLIES				
*AY EB95150	94.75	150	158	330.50
*AY EB95160	99.95	160	169	352.00

Packing—as ordered.

#STITCHED COTTON DUCK BELTING

GANDY

Made of tightly woven duck, closely stitched and well stretched.

ROLL BELTING



Per Foot
#AB 37½HD—Heavy-duty—37½-oz. duck; red..... See Lists Below
#AB 32A—"32"; agricultural—32-oz duck; red..... See Lists Below

STANDARD LIST PRICE

Adopted October 1, 1929

Width, Inches	4-PLY		5-PLY		6-PLY		8-PLY		10-PLY	
	Std. List, Per Foot	Weight 100 Ft., Lbs.	Std. List, Per Foot	Weight 100 Ft., Lbs.	Std. List, Per Foot	Weight 100 Ft., Lbs.	Std. List, Per Foot	Weight 100 Ft., Lbs.	Std. List, Per Foot	Weight 100 Ft., Lbs.
1½	\$ 0.30	17	\$ 0.38	21	....	...	....	...	....	...
2	.39	22	.49	27	\$ 0.59	32	....	...	....	...
2½	.49	26	.61	33	.73	41	....	...	....	...
3	.57	32	.71	41	.86	49	....	...	....	...
3½	.66	38	.83	43	1.00	57	....	...	....	...
4	.74	43	.93	53	1.11	64	\$ 1.48	84	....	...
4½	.84	50	1.04	61	1.22	73	1.68	94	....	...
5	.93	54	1.16	67	1.39	80	1.86	106	....	...
6	1.08	65	1.35	81	1.62	96	2.16	127	....	...
7	1.26	75	1.58	93	1.89	113	2.52	149	....	...
8	1.44	86	1.80	107	2.16	128	2.88	170	....	...
9	1.62	97	2.03	119	2.43	146	3.24	189	....	...
10	1.80	108	2.25	134	2.70	160	3.60	212	....	...
12	2.16	128	2.70	160	3.24	191	4.32	254	\$ 5.40	316
14	2.59	149	3.24	184	3.89	227	5.18	296	6.48	364
16	2.96	170	3.70	210	4.44	259	5.92	338	7.40	416
18	3.33	191	4.16	236	5.00	291	6.66	380	8.33	468
20	3.80	212	4.75	263	5.70	323	7.60	423	9.50	520
22	4.18	233	5.23	289	6.27	355	8.36	445	10.45	572
24	4.56	254	5.70	314	6.84	387	9.12	487	11.40	624
26	4.97	275	6.22	341	7.46	419	9.95	530	12.43	676
30	5.73	317	7.17	393	8.61	484	11.48	614	14.34	780
36	6.88	381	8.61	471	10.33	580	13.77	740	17.21	936

250 feet in a roll.

ENDLESS THRESHER AND TRACTOR BELTS

Each
#AY 32ETR—32-oz.; red with green edge..... See Lists Below

STANDARD LIST PRICE

Adopted October 1, 1929

	40 Ft. Long		50 Ft. Long		75 Ft. Long		100 Ft. Long		125 Ft. Long		150 Ft. Long		160 Ft. Long	
	Std. List, Each	Wgt. Each, Lbs.	Std. List, Each	Wgt. Each, Lbs.	Std. List, Each	Wgt. Each, Lbs.	Std. List, Each	Wgt. Each, Lbs.	Std. List, Each	Wgt. Each, Lbs.	Std. List, Each	Wgt. Each, Lbs.	Std. List, Each	Wgt. Each, Lbs.
4-PLY														
5 inches wide	\$ 40.00	24	\$ 49.50	28	\$ 72.50	42	\$ 96.00	60	\$ 138.50	89	....	..	....	..
6 inches wide	46.50	28	57.50	34	84.50	54	111.50	71	161.50	98	....	..	....	..
7 inches wide	....	..	67.00	42	98.50	62	130.00	82	184.50	112	220.50	138	....	..
8 inches wide	....	..	76.50	48	12.50	70	148.50	95	....	..	....	..	....	..
5-PLY														
6 inches wide	....	..	....	..	....	..	....	..	173.00	102	....	..	....	..
7 inches wide	....	..	....	..	....	..	....	..	202.50	118	....	..	....	..
8 inches wide	....	..	....	..	....	..	....	..	230.50	134	275.50	162	\$293.50	173
9 inches wide	....	..	....	..	....	..	....	..	260.00	150	311.00	182	331.00	190

One in a carton.

INSTRUCTIONS ON ORDERING

To insure quick shipments, orders must specify length, width, ply and brand.

If an endless belt is wanted, order must specify exact tape line length and the type of splice desired.

The quickest job is obtained in three days by using the lap splice, which consists of taking a piece of roll belting out of stock, opening the several plies, lapping them together, cementing and re-stitching.

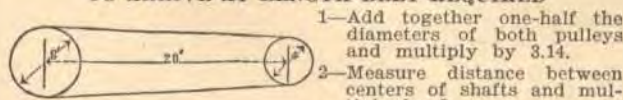
The better job is the folded splice which is a splice built into the belt in the making. This type of splice means a delay depending on the time required to season the treatment used in the brand and ply belt ordered.

Gandy Heavy-Duty and Gandy 32 in 4-ply requires 14 days
Gandy Heavy-Duty and Gandy 32 in 5-ply requires 17 days
Gandy Heavy-Duty and Gandy 32 in 6-ply requires 21 days
Gandy Heavy-Duty and Gandy 32 in 8-ply requires 28 days
Charge for splice on endless belts under 12-inch in width, all plies, 6 feet additional; 12-inch and over in width, all plies, 8 feet additional.

Guaranteed only against defect in material and workmanship. Belts should be run in the center of the pulley and should not be held in place by any object that will injure or break the edges.

Results of overloading, injurious use of belt dressings, or chafed, frayed or nicked edges do not constitute defects.

TO ARRIVE AT LENGTH BELT REQUIRED



1—Add together one-half the diameters of both pulleys and multiply by 3.14.
2—Measure distance between centers of shafts and multiply by 2.

3—Subtract size of smaller pulley from that of larger, multiply result by 2 and divide that result by 4 times the distance between shaft centers.

4—Add all results together.

Example—Large pulley 6 ft., small pulley 4 ft.; distance between shaft centers 20 ft.; belt required:

1—One-half diameter large and small pulleys
= 5 ft. × 3.14 = 15.70 ft.

2—Distance between centers, 20 ft. × 2 = 40.

3—Large pulley 6 ft. less small pulley 4 ft. = 2 ft.
× 2 = 4 ft.; distance between centers 20 ft. × 4 = 80
ft.; 4 divided by 80 = .05

4—Total 55 ft. 9 in. or 55.75 ft.

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

BELT LACERS

CLIPPER

For general belt lacing work. The scientific toggle lever construction furnishes the tremendous power necessary to embed the hooks flush with belting surface.

Will lace any belt over $\frac{3}{8}$ inch thick and 6 inches wide in one operation. For belts wider than 6 inches operation is repeated.

Built of the strongest and best materials obtainable for the purpose. Steel castings painted black. All brass parts polished. Two blued finish steel levers each 10 inches

long with wood grip. Length 9 inches width 7 inches, height 7 inches.

AY 3—Weight each 26 lbs. Each \$29.75

Vise type for use with any ordinary vise.

The special pressure plate makes it possible to embed the hooks flush with surfaced belt, also to clinch the points.

Will lace belts up to $\frac{3}{8}$ inch thick in one operation. Use clipper belt hooks Nos. AB 2SP to AB 6SP.

Constructed of bar and strip steel, blued finish. All brass parts polished.

		For Belts		Weight
		Width, Inches	Width, Inches	Each, Lbs.
Nos.	Each			
AB 04	\$3.65	4	4	2½
AB 06	4.35	6	6	3¾

One in a carton.

BELT CUTTERS

CLIPPER OPEN END MODEL

This tool will cut belting from the roll and square belt ends preparatory to lacing them. Will also cut brake lining with metallic fibres without injury to the blade.

Workmanship and material fully guaranteed. Malleable castings, painted black. Tool steel removable blade 6 inches long. The knife cannot be raised high enough to become a hazard; blued finish steel lever 10 inches long, with wood grip.

Capacity 6 inches. Size—11 inches long, 5 inches wide, 5½ inches high.

AY 6—Weight each 11 lbs. Each \$17.95

One in a carton.

A NEW Keen Kooker CAST IRON RANGE

Will Give You Better,
Faster Cooking

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

BELT HOOKS

CLIPPER



These hooks are made from a special steel wire that combines great tensile strength and ability to withstand fatigue. Under actual tests each hook has withstood a pulling strain of 60 lbs., equal to 400 lbs. per inch of belt.

STANDARD PACKAGE

Each box contains 12 cards of 84 hooks, each with sufficient rawhide pins to lace 80 inches total width both ends of belt.

Nos.	Per Card of 84	For Belts Not Over, Inches, Thick.	Weight Per Box, Lbs.
AB 3	\$0.12	*	1¼
AB 4	.12	¼	1¾
AB 5	.15	⅜	1¾
AB 6	.17	½	2

*Nos. AB 3 for thin belts running over medium sized pulley.

SMALL PACKAGE

Each box contains eight 6-inch cards of 39 hooks, each with sufficient rawhide pins to lace 24 inches total widths both ends of belt.

Nos.	Per Card of 39	For Belts Not Over, Inches, Thick.	Weight Per Box, Lbs.
AB 2SP	\$0.10	*	6½ ozs.
AB 3SP	.10	*	7 ozs.
AB 4SP	.10	¼	¾
AB 5SP	.12	⅜	¾
AB 6SP	.15	½	1½

*Nos. AB 2 and AB 3 for thin belts running over medium sized pulley.

RAWHIDE PINS



CLIPPER—TWISTED

Excellent for use on quarterturn belts, belts shifted quickly from tight to loose pulleys, belts running on cone pulleys, or belts that are likely to climb a flange.

Nos.	Per Pin	Inch
AB 12	\$0.05	⅜ for No. 4 hooks
AB 11	.05	½ for No. 5 hooks

24 pins in a package; weight per package 1 ounce.

TRACE AND BELT SPLICES

SMITH'S PATENT



Extensively used by saddlery manufacturers. They make a perfect splice and smooth joint when used for repairing leather goods, straps, belting and cotton webbing.

Cannot pull out when properly applied. Especially desirable for use

on extra heavy belts running over large pulleys and for splicing traces.

Soft copper body 1¼ inches long with ¾ inch rivet ends. Spring brass washers 2⅞ inches long.

AB TBS00—Weight per box 1 lb. Per Box \$1.60

50 in a box.

BELT LACING ALLIGATOR



STEEL For Leather and Other Belting

which can be applied without special tools. The joint lasts longer and saves repairs. Lacing is smooth on both sides of belt and can run in contact with an idler pulley or on serpentine drivers. Can be used in all classes of service, or any kind of belting.

Stamped from cold-rolled steel, plain finish. Double toothed grip. Complete with sectional steel rocker hinge pins.

Nos.	Per Set	For Belts		Sets in a Box	Will Lace		Belt Total Width, In.	Wt. Per Box, Lbs.
		Thickness, In.						
AB 15	\$0.25	$\frac{1}{8}$ to $\frac{3}{8}$		4—12 in.	64		$\frac{7}{8}$	
AB 20	.27	$\frac{3}{8}$ to $\frac{1}{2}$		4—12 in.	60		$1\frac{1}{4}$	
AB 25F	.25	$\frac{1}{2}$ to $\frac{7}{8}$		6—8 in.	48		$1\frac{3}{4}$	
AB 25G	.35	$\frac{1}{2}$ to $\frac{7}{8}$		8—12 in.	96		$2\frac{1}{2}$	
AB 27	.37	$\frac{1}{4}$ to $\frac{3}{8}$		8—12 in.	96		$3\frac{1}{4}$	
AB 35M	.33	$\frac{3}{8}$ to $\frac{1}{2}$		4—8 in.	32		$1\frac{3}{4}$	
AB 35N	.45	$\frac{3}{8}$ to $\frac{1}{2}$		4—12 in.	48		$2\frac{1}{2}$	
AB 45	.60	$\frac{1}{2}$ to $\frac{3}{4}$		4—12 in.	48		$3\frac{1}{8}$	
AB 55	.75	$\frac{3}{8}$ to $\frac{1}{2}$		4—12 in.	48		5	

In cardboard boxes, with full directions for applying.



HANDY PACKAGE

For use when belting is to be laced only occasionally.

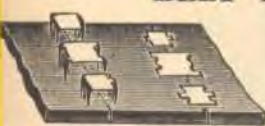
Each package contains two 6-inch sets of lacing that can be broken into short lengths for narrow belts. Complete with gauge and hinge pins.

FOR BELTS

Nos.	Per Box	Leather	Fabric	Wt. Per Ctn. (10 Boxes), Lbs.
AB 15S	\$0.29	Light Single	3-ply, $\frac{1}{8}$ to $\frac{3}{8}$ in. thick	2
AB 25S	.39	Medium Single	4-ply, $\frac{1}{4}$ to $\frac{7}{8}$ in. thick	$3\frac{3}{4}$
AB 27S	.45	Light Double	4-ply, and light 5-ply, $\frac{1}{4}$ to $\frac{3}{8}$ in. thick	$4\frac{1}{2}$

One set in a cardboard box, ten boxes in a carton.

BELT FASTENERS



STAG

The zig-zag position of the teeth insures a strong, durable joint. Stamped from cold-rolled steel, plain finish.

AB 1FS—For single leather, 3-ply rubber or cotton belts, $\frac{1}{2}$ to 4 inches wide; weight per 100 $\frac{1}{4}$ lb. Each \$0.65

AB 2S—For single or light double leather, 4-ply rubber, or cotton belts, 1 to 6 inches wide; weight per 100 $1\frac{1}{4}$ lbs. Each \$1.10

AB 3S—For double leather, 4 to 6-ply rubber or cotton belts, 1 inch wide and larger; weight per 100 $2\frac{1}{4}$ lbs. Each \$1.85

One hundred 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.

BELT LACING

Belts can be quickly and easily joined without special tools by using these belt lacings—a hammer and soft wood block are all that are necessary.

BRISTOL

Stamped from strips of specially tested cold-rolled steel.



AB 1—Weight per box 1 lb. Per Box \$1.10



AB 12—Weight per box 3 lbs. Per Box \$1.45

Assorted lengths from 1% to 2% inches. For 6-ply rubber and cotton belts from $\frac{3}{8}$ to $\frac{1}{2}$ -inch thick; width 2% inches, $\frac{3}{4}$ -inch points.

AB 14—Weight per box 5 lbs. Per Box \$2.15



STAGGERED POINT STYLE

Assorted lengths from $\frac{1}{4}$ to 2% inches; for ordinary single leather belts and 3-ply rubber and cotton belts from $\frac{1}{8}$ to $\frac{1}{4}$ -inch thick; width 1 inch; $\frac{3}{8}$ -inch points.

AB 111—Weight per box 2 lbs. Per Box \$1.10

Assorted lengths from 1 to 2% inches; for extra heavy and wide single leather belts and 4-ply rubber and cotton belts from $\frac{1}{4}$ to $\frac{3}{8}$ -inch thick; width $1\frac{1}{4}$ inches; $\frac{1}{2}$ -inch points.

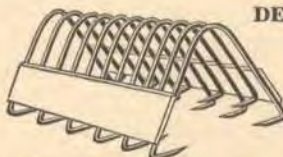
AB 112—Weight per box 3 lbs. Per Box \$1.45

Assorted lengths from 1% to 3% inches; for heavy double leather belts and 6-ply rubber and cotton belts $\frac{3}{8}$ to $\frac{1}{2}$ -inch thick; width $1\frac{1}{4}$ inches; $\frac{3}{4}$ -inch points.

AB 114—Weight per box 5 lbs. Per Box \$2.15

Each box contains (assorted lengths) enough to lace 100 inches in width of belt.

DETROIT



Showing Hooks Open With Outside Paper Strips to Prevent Displacement.



Shows Long Hook and Short Hook Carded Alternately—Producing a True Stagger.

This lacing gives the least reduction of area possible, consistent with tensile strength of joint, and shows the least reduction of belt strength.

Takes a perfectly staggered hold of belt by using a long hook and short hook alternately. Legs of all hooks are of the same length and cannot pull out.

Hooks are firmly mounted on rubberized paper—can be handled any number of times and cut with a knife without displacing a hook. Can be applied with any standard closing machine.

Put up in sections full 12 inches long complete with 12-inch bakelite pin.

Each box contains twelve 12-inch sections (each 84 hooks) and 12 bakelite pins.

Nos.	Per 12 Inch Section	For Belt	Wt. Box, Lbs.
AB D2BL	\$0.12	Very Light Single ($\frac{1}{8}$ inch)	1
AB D3BL	.15	Light Single ($\frac{1}{8}$ inch)	1
AB D4BL	.15	Heavy Single ($\frac{1}{4}$ inch)	$1\frac{3}{4}$
AB D5BL	.17	Light Double ($\frac{1}{8}$ inch)	$1\frac{1}{2}$
AB D6BL	.19	Heavy Double ($\frac{3}{8}$ inch)	$1\frac{3}{4}$

Twenty-five boxes in a case.

LACE LEATHER

SIMMONS



Possesses great strength, yet is soft and pliable.

Made from No. 1 packer hides, tanned by a special process known as Indian Tannage. Every side guaranteed to be first quality. Light brown color.

Assorted 11 to 19 square feet to a side.

INDIAN TANNED

AB S1—Weight per 100 square feet 40 lbs. Per Square Foot \$0.65

Highest grade strong rawhide lace leather. Made from No. 1 packer hides, closely trimmed. Well oiled, soft and pliable. Quality guaranteed to be first class.

Assorted 10 to 18 square feet to a side.

AB 100—Weight per 100 square feet 50 lbs. Per Square Foot \$0.60

One dozen sides in a bundle.

FARMERS' BUNDLE



Assorted widths and lengths of lace leather for patching harness, automobile fan belts, and belt lacing on farm machinery and many other uses.

Nos.	Per Bundle	Bundle, Lbs.
AR FB	\$0.29	1
AB FBH	.19	1 1/2

Packing—bulk.

CUT LACING



SIMMONS

INDIAN TANNED

Cut from SIMMONS Indian Tanned lace leather sides—guaranteed to be first quality.

Nos.	Per Foot	Width, Inches	Wt. Per 100 Feet, Lbs.
AB SIT 3/8	\$0.02	3/8	1
AB SIT 1/2	.03	1/2	1 3/4
AB SIT 5/8	.03 1/2	5/8	2

RAWHIDE

Extremely strong—cut from Cocheco lace leather side. Guaranteed to be high quality.

Nos.	Per Foot	Width, Inches	Wt. Per 100 Feet, Lbs.
AB 1CL 1/4	\$0.01 1/2	1/4	3/4
AB 1CL 5/16	.01 3/4	5/16	3/4
AB 1CL 3/8	.02	3/8	1
AB 1CL 1/2	.03	1/2	1 3/4
AB 1CL 5/8	.03 1/2	5/8	2

100 feet in a bundle; assorted lengths.



HANDY PACKAGE

Each package contains 100 feet in rolls, each roll in glazed paper envelope.

SELECTED INDIAN TANNED

Nos.	Per 100 Feet	Width, Inches	Laces Pkg.	For Belts Width, In.	Wgt. Per Pkg., Lbs.
AB H 1/4	\$1.50	1/4	35	Up to 3	1 1/4
AB H 5/16	1.75	5/16	28	3 to 5	1 1/2
AB H 3/8	2.25	3/8	25	3 to 5	1 3/4
AB H 1/2	3.15	1/2	17	8 to 14	2 1/2
AB H 5/8	3.95	5/8	15	Over 14	2 3/4
AB H 3/4	4.25	3/4	14	Over 14	3

COCHECO—RAWHIDE

Nos.	Per 100 Feet	Width, Inches	Laces Pkg.	For Belts Width, In.	Wgt. Per Pkg., Lbs.
AB HR 3/8	2.25	3/8	25	3 to 5	1 3/4
AB HR 1/2	3.15	1/2	17	8 to 14	2 1/2

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

BELT DRESSING

FOR LEATHER, CANVAS AND RUBBER BELTING

Keeps belts soft and pliable and does not contain anything that will clog, harden or injure the belt.



DIXON'S

AB D—1-lb. stick in carton 8 1/2 inches long, 2 1/2 inches in diameter Each \$0.60

AB B—1-lb. stick in carton 11 3/4 inches long 2 inches in diameter..... Each \$0.33



Twenty-five sticks in a case; weight per case 30 lbs.



BLAXTICK

Blaxtick is effective on belting of all kinds. It does not contain rosin, oil or other injurious substances. Will not crack or clog surface of belt. Also a protection against acid or other destructive fumes.

One-pound stick in cardboard covering.

Length stick 8 1/2 inches, diameter 2 inches.

AB BD20—Weight per dozen 12 1/2 lbs..... Each \$0.20

One dozen in a carton.

V-P



This belt dressing penetrates into the belting and lubricates the fibres, giving them the natural "Hand Grip" without slipping.

It also seals out the moisture, prevents dry rot, cracking and scaling and increases the life of belting. Belts dressed with V-P can be run slack, lessening friction on bearings, increasing power transmission and adding to the production of the machinery.

Easily applied—Being a liquid, it should be applied with an oil gun or pressure oil can while belt is in motion. Does not build up on pulleys or belting nor cause rough-riding of belts.

Can also be used with excellent results on rope, fabric or rubber belting.

One-Gallon Wood Jacket Can

AB VPG—Weight per can 10 lbs..... Each \$3.65



LIQUID—BOYER

An excellent, moderately priced dressing and preservative for canvas, leather and rubber belts, and rope drives.

Prevents belt slipping and makes them pull.

Nos.	Per Can	Size, Can	No. Cans Carton, In Carton	Wt. Per Carton, Lbs.
AB 74P	\$0.37	Pint	6	8 1/2
AB 74Q	.65	Quart	12	29 1/2

SHEET PACKING

ASBESTOS—WIRE INSERTED

The most durable and efficient packing for cylinder head joints on gas or gasoline engines.



Pliable, compressible and easily cut. Graphited on one side. Ready for immediate application.

Made of especially prepared asbestos yarn, with fine brass wire inserted, woven in a very dense, firm cloth, possessing great strength. Is thoroughly saturated with a special heat-resisting composition.

AB 4101—Thickness $\frac{1}{32}$ -inch. Very fine, closely woven, with warp running the same in both directions; weight 5 lbs. to a piece 40 inches wide by 36 inches long.....Per Lb. \$0.89

AB 5101—Thickness $\frac{1}{16}$ -inch; coarse, heavy woven, with warp running diagonally; weight $5\frac{1}{2}$ lbs. to a piece 40 inches wide by 36 inches long.....Per Lb. \$0.79

In continuous rolls any length; standard width 40 inches.



REPUBLIC'S TOWER BRAND

Rubber sheet for general service, such as gaskets and port hole packing.

#AB F601—IN SHEETS 3x12½ FEET

Thickness, Inches	Per Lb.	Weight Per Sheet, Lbs.
# $\frac{1}{16}$	\$0.85	21
# $\frac{3}{32}$	.77	32
# $\frac{1}{8}$	.63	42
# $\frac{3}{16}$	.60	63
# $\frac{1}{4}$	.57	84

Note—Above costs are for full sheets (3x12½ feet) only. For less than full sheets add 10% to cost price.

Note—When ordering be sure to give number and thickness.

RUBBER PACKING



Weight $6\frac{3}{4}$ lbs. per square yard to $\frac{1}{16}$ -inch thickness.

36 Inches Wide

For steam, air or water joints. Makes a perfect joint, and is economical. Expansion and super-heated steam joints do not affect or shorten its term of service—a saving to the user. Made from a red rubber compound.

No. AB R36—RED SHEET PACKING

	Per Lb.
$\frac{1}{16}$ inch thick	\$0.35
$\frac{1}{8}$ inch thick	.35
$\frac{3}{16}$ inch thick	.35

Note—When ordering be sure to give number and thickness.

In rolls of about 100 lbs.

VALVE STEM PACKING



TWISTED GRAPHITED ASBESTOS

Made of long fibre asbestos yarn, twisted and thoroughly lubricated.

Diameter, inch
 $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$ and $\frac{3}{8}$

AB 1102—In 1-lb. spools.....Per Spool \$0.70

AB 1102/14—In $\frac{1}{4}$ -lb. spools.....Per Spool .25

Note—When ordering, please specify diameter desired. One spool 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.

ASBESTOS PACKING

Compressed

DURACO



Will not shrink, char, burn or blow out—pliable and resilient. Adapts itself to every condition.

For gasoline engines, automobile motor and carburetor gaskets; steam, ammonia, oils, acids, hot or cold water. Will stand 1200 degrees Fahrenheit, or 250 lbs. of steam pressure.

Fibre asbestos, bonded with heat, water and chemical resisting compound.

IN SHEETS 50x50 INCHES

AB 133— $\frac{1}{32}$ -inch thick. Very fine. Weight per sheet 5 lbs.....Per Lb. \$0.60

AB 117— $\frac{1}{16}$ -inch thick. Coarse. Weight per sheet 10 lbs.....Per Lb. \$0.60



REPUBLIC

Compressed asbestos sheet, recommended for superheated steam up to 600 lbs.

In sheets—40x40 inches, 40x120 inches, 50x50 inches, 50x150 inches, 60x60 inches, and 60x120 inches.

Specify Kind (Plain or Graphited), Thickness and Size Sheet Wanted

#No. AB AP—PLAIN

Thickness, inch	# $\frac{1}{32}$	# $\frac{1}{16}$	# $\frac{1}{8}$	# $\frac{1}{4}$
Per Lb.	\$0.60	.60	.60	.60

#No. AP AG—GRAPHITED

Graphited on one side for immediate use.

Thickness, inch	# $\frac{1}{32}$	# $\frac{1}{16}$	# $\frac{1}{8}$	# $\frac{1}{4}$
Per Lb.	\$0.60	.60	.60	.60

Packing—bulk.

ASBESTOS WICK PACKING



No. AB WP—IN BALLS

Pounds in a Ball	$\frac{1}{4}$	$\frac{1}{2}$	1
Per Ball	\$0.15	.25	.45

25 and 50-lb. boxes.

COTTON WASTE

MACHINED—WHITE

Best Grade *

Nos.	AB 150
Weight of bale, lbs.	50
Per Pound	\$0.16

Medium Grade

Nos.	AB 250
Weight of bale, lbs.	50
Per Pound	.14

Regular Grade

Nos.	AB 350
Weight of bale, lbs.	50
Per Pound	.13

COLORED

Nos.	Per Lb.	Weight of Bale, Lbs.
AB 550	\$0.11	50
AB 5100	.11	100

Always sold by gross weight of bale.



CLEAN WHITE WASTE, IN CANVAS BAGS

Nos.	Per Bag	Lbs.
AB 110	\$1.65	10
AB 125	3.45	25